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P.O Box 423
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March 31, 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 Windows and Gymnasium Remediation Summer and Fall 2014 – Gymnasium Report

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 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 materials and adjacent contaminated porous masonry materials within the Gymnasium that were previously identified by AMC Environmental. During the course of the remediation, AMC provided 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 in areas adjacent to the work areas both during abatement.

BACKGROUND

The PCB remediation in the Gymnasium was in response to the discovery of elevated air samples and regulated PCB materials. After the discovery of these materials and the elevated air levels, the Gymnasium was closed and segregated from the rest of the building. The remediation in the gymnasium commenced on August 18, 2014 and concluded on February 13, 2015.

REMEDIATION AND CONTROLS

The remediation in the Gymnasium employed the use of negative pressure air scrubbers within the work area. The work area was segregated from non-work areas by the means of containments consisting of multi-layers of poly sheeting.

Following the removal of the following materials: expansion joint caulk, door frame caulk, wall paint, spray applied fireproofing, Tectum decking, rubber flooring/adhesive, hardwood flooring/sealant/foam, cove base adhesive, acoustical panel insulation; and the PCB contaminated substrates removed were: CMU block, CMU mortar and 1 ¼" of the concrete slab gym floor and contaminated adjacent masonry materials, ENCO proceeded to final cleaning all surfaces within the Gym. Upon successful cleaning of the work area, AMC Environmental performed a post abatement visual inspection within each work area. The cleaning included all remaining 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 the containments for clearance requirements. The results of the sampling are explained below.

SAMPLING AND RESULTS

Air Samples

Air samples were obtained from within the gymnasium containment upon completion of abatement work and cleaning. Please note, reoccupancy samples were obtained on November 13, 2014 prior to the removal of the floors and ceiling in order to allow non-hazardous material workers to access the Gym to secure the walls that may be compromised during the remaining work. The PCB containing materials removed from the Gymnasium were expansion joint caulk, door frame caulk, wall paint, spray applied fireproofing, Tectum decking, rubber flooring/adhesive, hardwood flooring/sealant/foam, cove base adhesive, acoustical panel insulation; and the PCB contaminated substrates removed were: CMU block, CMU mortar and 1 ¼" of the concrete slab gym floor. The following are the results of the air samples obtained following the remediation in the Gymnasium (See Table 1 for PCB Air sample results).

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	Location	Results ng/m^3
Gymnasium		
9/24/14	Gym – Front	2500*
9/24/14	Gym – Back	2000*
9/24/14	Blank	2
11/13/14	Blank	ND
11/13/14	Gym B Side	71
11/13/14	Gym B Side (duplicate)	79
11/13/14	Gym D Side	89
2/8/15	Blank	ND
2/8/15	Gym Side B	14
2/8/15	Gym Side B (duplicate)	23
2/8/15	Gym Side D	ND

The EPA recommended limit for air samples is 100 ng/m^3 for children < 6 years old

*Please note that samples obtained on September 24, 2014, were samples taken during remediation to determine current air concentrations.

Chip Samples

PCB chip samples were obtained from representative substrates that were in contact with the PCB containing materials in the gymnasium. Following remediation, chip samples were obtained to verify that all building materials (CMU block/concrete slab) that contained PCBs were removed. The chip samples were obtained from CMU block, CMU mortar and the concrete slab floor in the Gymnasium. (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	Substrate	Location	Results PPM
Gymnasium			
8/13/14	CMU	Gymnasium-Office	0.6
8/13/14	CMU	Gymnasium-Office	0.86
9/24/14	**CMU**	**Gymnasium**	**21**
9/24/14	**CMU**	**Gymnasium**	**28**
9/24/14	**CMU**	**Gymnasium**	**25**
9/24/14	**CMU**	**Gymnasium**	**15**
9/24/14	CMU	Gymnasium	7.8
9/24/14	**CMU**	**Gymnasium**	**16**
9/24/14	**CMU**	**Gymnasium**	**13**
9/24/14	**CMU**	**Gymnasium**	**21**
9/24/14	**CMU**	**Gymnasium**	**50**
9/24/14	**CMU**	**Gymnasium**	**12**
9/24/14	**CMU**	**Gymnasium**	**17**
9/24/14	**CMU**	**Gymnasium**	**24**
9/24/14	**CMU**	**Gymnasium**	**12**
9/24/14	**CMU**	**Gymnasium**	**17**
9/24/14	**CMU**	**Gymnasium**	**13**
9/24/14	**CMU**	**Gymnasium**	**19**
9/24/14	CMU	Gymnasium	2.7
9/24/14	CMU	Gymnasium	4.1
9/24/14	CMUM	Gymnasium	6
9/24/14	CMUM	Gymnasium	5.6
9/24/14	CMUM	Gymnasium	3.1
9/24/14	**CMUM**	**Gymnasium**	**14**
9/24/14	CMUM	Gymnasium	3
9/24/14	CMUM	Gymnasium	3.2
9/24/14	CMUM	Gymnasium	3.8
9/24/14	CMUM	Gymnasium	9.6
9/24/14	**CMUM**	**Gymnasium**	**17**
9/24/14	CMUM	Gymnasium	5
9/24/14	**CMUM**	**Gymnasium**	**12**
9/24/14	CMUM	Gymnasium	7.6
9/24/14	CMUM	Gymnasium	5.6
9/24/14	**CMUM**	**Gymnasium**	**24**
9/24/14	**CMUM**	**Gymnasium**	**16**
9/24/14	**CMUM**	**Gymnasium**	**20**

Table 2 – PCB Chip Samples (cont'd)

Date	Substrate	Location	Results PPM
9/24/14	CMUM	Gymnasium	4.3
10/14/14	CMU	Gymnasium	8.3
10/14/14	**CMU**	**Gymnasium**	**14**
10/14/14	CMU	Gymnasium	7.1
10/14/14	**CMUM**	**Gymnasium**	**14**
10/14/14	CMUM	Gymnasium	4.2
11/13/14	Floor	Gymnasium	0.22
11/13/14	Floor	Gymnasium	0.33
11/13/14	Floor	Gymnasium	0.25
11/13/14	Floor	Gymnasium	1.3
11/13/14	Floor	Gymnasium	0.85
11/13/14	Floor	Gymnasium	1.8
11/13/14	Floor	Gymnasium	3.7
11/13/14	Floor	Gymnasium	3.3
11/13/14	Floor	Gymnasium	1.58
11/13/14	Floor	Gymnasium	3.1
11/13/14	Floor	Gymnasium	4
11/13/14	Floor	Gymnasium	3.86
11/13/14	Floor	Gymnasium	1.56
11/13/14	Floor	Gymnasium	1.57
11/13/14	Floor	Gymnasium	0.57
11/13/14	Floor	Gymnasium	2.09
11/13/14	Floor	Gymnasium	1.84
11/13/14	Floor	Gymnasium	0.87
11/13/14	**Floor**	**Gymnasium**	**14.9**
11/13/14	Floor	Gymnasium	4.33
11/13/14	Floor	Gymnasium	ND
11/13/14	Floor	Gymnasium	ND
11/13/14	Floor	Gymnasium	ND
11/13/14	Floor	Gymnasium	ND
11/13/14	Floor	Gymnasium	ND
11/13/14	Floor	Gymnasium	ND
11/13/14	Door frame CMU	Gymnasium	2.26
11/13/14	Door frame CMU	Gymnasium	1.42
11/13/14	**Door frame CMUM**	**Gymnasium**	**10.1**
11/13/14	Expansion joint CMU	Gymnasium	1.89
11/13/14	Expansion joint CMU	Gymnasium	3.4
11/13/14	Expansion joint CMU	Gymnasium	3.3
11/13/14	Expansion joint CMUM	Gymnasium	2.7
11/13/14	Expansion joint CMUM	Gymnasium	9.9
11/13/14	Expansion joint CMUM	Gymnasium	2.5

The clean-up standard for PCB remediation waste that will remain in place is <1 PPM as approved by the EPA. However if the <1 PPM standard is not achieved, materials containing <50 PPM may remaining in place and shall be encapsulated as approved by the EPA.

Based on the results of the chip sample results from the CMU walls and the concrete slab, these surfaces were encapsulated. This allowance was approved by EPA in the remediation plan.

Wipe Samples

PCB wipe samples were obtained from the encapsulated floors and walls as well as the poly sheeting on the walls within the Gymnasium. Wipe samples were obtained to verify the effectiveness of the encapsulant and no PCB containing dust was present prior to removing the containment (See Table 2 for PCB wipe sample results).

Wipe 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 3 – PCB Wipe Samples

Date	Surface	Location	Results µg/100cm^2
Gymnasium			
10/20/14	Encapsulated wall	Gymnasium Office	ND
10/20/14	Encapsulated wall	Gymnasium Office	ND
10/20/14	Encapsulated wall	Gymnasium Office	ND
10/20/14	Encapsulated wall	Gymnasium Office	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
10/20/14	Encapsulated wall	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND

Table 3 – PCB Wipe Samples (cont'd)

Date	Surface	Location	Results µg/100cm^2
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
12/8/14	Encapsulated floor	Gymnasium	ND
1/19/15	Wall-window side B	Gymnasium	ND
1/19/15	Wall-window side B	Gymnasium	ND
1/19/15	Wall-window side B	Gymnasium	ND
1/19/15	Wall-window side C	Gymnasium	ND
1/19/15	Wall-window side C	Gymnasium	ND
1/19/15	Wall-window side C	Gymnasium	ND
1/19/15	Wall-window side C	Gymnasium	ND
1/19/15	Wall-window side C	Gymnasium	ND
1/19/15	Wall-window side C	Gymnasium	ND
1/19/15	Wall-window side D	Gymnasium	ND
1/19/15	Wall-window side D	Gymnasium	ND
1/19/15	Wall-window side D	Gymnasium	ND
1/19/15	Exposed joint Side A	Gymnasium	ND
1/19/15	Exposed joint Side A	Gymnasium	ND
1/19/15	Exposed joint Side A	Gymnasium	ND
1/19/15	Exposed joint Side B	Gymnasium	ND
1/19/15	Exposed joint Side B	Gymnasium	ND
1/19/15	Exposed joint Side B	Gymnasium	ND
1/19/15	Door frame side C	Gymnasium	ND
1/19/15	Exposed joint Side C	Gymnasium	ND
1/19/15	Exposed joint Side C	Gymnasium	ND
1/19/15	Exposed joint Side D	Gymnasium	ND
1/19/15	Exposed joint Side D	Gymnasium	ND
1/19/15	Exposed joint Side D	Gymnasium	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

Based on the final visual inspection and analytical results from the samples obtained during the final clearance sampling in the Gymnasium, the criteria for reoccupancy have been achieved. The air, chip and surface dust samples document acceptable levels of PCB concentrations within the Gymnasium that are in compliance with the EPA approved remediation plan.

Please note, O & M periodic monitoring will be required in the Gymnasium due to the PCBs that remain in the encapsulated CMU walls and concrete floor.

Very truly yours,

Jason Pringle
Principal

Laboratory Results – PCB Air Samples

con-test® ANALYTICAL LABORATORY
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September 29, 2014

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: 14I1187

Enclosed are results of analyses for samples received by the laboratory on September 25, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

Table of Contents

Sample Summary 3

Case Narrative 4

Sample Results 5

Sample Preparation Information 8

QC Data 9

PCB Homologues by GC/MS with Soxhlet Extraction 9

B105839 9

Flag/Qualifier Summary 10

Certifications 11

Chain of Custody/Sample Receipt 12

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

REPORT DATE: 9/29/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14I1187

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
A0924-01	14I1187-01	Air	Gym-Front	TO-10A/EPA 680 Modified	
A0924-02	14I1187-02	Air	Gym-Back	TO-10A/EPA 680 Modified	
A0924-03	14I1187-03	Air	Blank	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:

B

Analyte is found in the associated blank as well as in the sample.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl
B105839-BS1, B105839-BSD1

Total Polychlorinated biphenyls
14I1187-01[A0924-01], 14I1187-02[A0924-02], 14I1187-03[A0924-03]

B-07

Data is not affected by elevated level in blank since sample result is >10x level found in the blank.

Analyte & Samples(s) Qualified:

Total Polychlorinated biphenyls
14I1187-01[A0924-01], 14I1187-02[A0924-02]

S-20

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

Analyte & Samples(s) Qualified:

Tetrachloro-m-xylene
14I1187-01[A0924-01], 14I1187-02[A0924-02], 14I1187-03[A0924-03]

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

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ANALYTICAL RESULTS

Project Location: Osborn School
Date Received: 9/25/2014
Field Sample #: A0924-01
Sample ID: 14I1187-01
Sample Matrix: Air
Sampled: 9/24/2014 14:00

Sample Description/Location: Gym-Front
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1800

Work Order: 14I1187

TO-10A/EPA 680 Modified

Analyte	Total µg Results	Total µg RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	9/29/14 12:07	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	9/29/14 12:07	CJM
Trichlorobiphenyls	0.049	0.0010		0.027	0.00056	1	9/29/14 12:07	CJM
Tetrachlorobiphenyls	1.0	0.0020		0.55	0.0011	1	9/29/14 12:07	CJM
Pentachlorobiphenyls	2.7	0.0020		1.5	0.0011	1	9/29/14 12:07	CJM
Hexachlorobiphenyls	0.81	0.0020		0.45	0.0011	1	9/29/14 12:07	CJM
Heptachlorobiphenyls	0.050	0.0030		0.028	0.0017	1	9/29/14 12:07	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	9/29/14 12:07	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	9/29/14 12:07	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	9/29/14 12:07	CJM
Total Polychlorinated biphenyls	4.6		B-07, B	2.5		1	9/29/14 12:07	CJM

Surrogates	% Recovery		% REC Limits	
Tetrachloro-m-xylene	45.2*	S-20	50-125	9/29/14 12:07

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ANALYTICAL RESULTS

Project Location: Osborn School
Date Received: 9/25/2014
Field Sample #: A0924-02
Sample ID: 14I1187-02
Sample Matrix: Air
Sampled: 9/24/2014 14:00

Sample Description/Location: Gym-Back
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1800

Work Order: 14I1187

TO-10A/EPA 680 Modified

Analyte	Total µg Results	Total µg RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	9/29/14 12:36	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	9/29/14 12:36	CJM
Trichlorobiphenyls	0.038	0.0010		0.021	0.00056	1	9/29/14 12:36	CJM
Tetrachlorobiphenyls	0.77	0.0020		0.43	0.0011	1	9/29/14 12:36	CJM
Pentachlorobiphenyls	2.1	0.0020		1.2	0.0011	1	9/29/14 12:36	CJM
Hexachlorobiphenyls	0.64	0.0020		0.36	0.0011	1	9/29/14 12:36	CJM
Heptachlorobiphenyls	0.041	0.0030		0.023	0.0017	1	9/29/14 12:36	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	9/29/14 12:36	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	9/29/14 12:36	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	9/29/14 12:36	CJM
Total Polychlorinated biphenyls	3.6		B-07, B	2.0		1	9/29/14 12:36	CJM

Surrogates	% Recovery		% REC Limits	
Tetrachloro-m-xylene	40.2*	S-20	50-125	9/29/14 12:36

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ANALYTICAL RESULTS

Project Location: Osborn School
Date Received: 9/25/2014
Field Sample #: A0924-03
Sample ID: 14I1187-03
Sample Matrix: Air
Sampled: 9/24/2014 00:00

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

Work Order: 14I1187

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag/Qual	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		1	9/29/14 13:06	CJM
Dichlorobiphenyls	ND	0.0010		1	9/29/14 13:06	CJM
Trichlorobiphenyls	ND	0.0010		1	9/29/14 13:06	CJM
Tetrachlorobiphenyls	ND	0.0020		1	9/29/14 13:06	CJM
Pentachlorobiphenyls	0.0051	0.0020		1	9/29/14 13:06	CJM
Hexachlorobiphenyls	ND	0.0020		1	9/29/14 13:06	CJM
Heptachlorobiphenyls	ND	0.0030		1	9/29/14 13:06	CJM
Octachlorobiphenyls	ND	0.0030		1	9/29/14 13:06	CJM
Nonachlorobiphenyls	ND	0.0050		1	9/29/14 13:06	CJM
Decachlorobiphenyl	ND	0.0050		1	9/29/14 13:06	CJM
Total Polychlorinated biphenyls	0.0051		B	1	9/29/14 13:06	CJM

Surrogates	% Recovery		% REC Limits	
Tetrachloro-m-xylene	49.8*	S-20	50-125	9/29/14 13:06

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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
14I1187-01 [A0924-01]	B105839	1.00	1.00	09/26/14
14I1187-02 [A0924-02]	B105839	1.00	1.00	09/26/14
14I1187-03 [A0924-03]	B105839	1.00	1.00	09/26/14

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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 B105839 - SW-846 3540C											
Blank (B105839-BLK1)					Prepared: 09/26/14 Analyzed: 09/29/14						
Monochlorobiphenyls	ND	0.0010									
Dichlorobiphenyls	ND	0.0010									
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	0.0080	0.0050									
Total Polychlorinated biphenyls	0.0080										
Surrogate: Tetrachloro-m-xylene	*0.133*				*0.200*		*66.6*	*50-125*			
LCS (B105839-BS1)					Prepared: 09/26/14 Analyzed: 09/29/14						
Monochlorobiphenyls	0.14	0.0010			0.200		71.5	40-140			
Dichlorobiphenyls	0.11	0.0010			0.200		57.4	40-140			
Trichlorobiphenyls	0.11	0.0010			0.200		57.1	40-140			
Tetrachlorobiphenyls	0.25	0.0020			0.400		61.9	40-140			
Pentachlorobiphenyls	0.26	0.0020			0.400		65.8	40-140			
Hexachlorobiphenyls	0.27	0.0020			0.400		66.4	40-140			
Heptachlorobiphenyls	0.41	0.0030			0.600		68.1	40-140			
Octachlorobiphenyls	0.41	0.0030			0.600		68.6	40-140			
Nonachlorobiphenyls	0.85	0.0050			1.00		85.3	40-140			
Decachlorobiphenyl	0.81	0.0050			1.00		81.0	40-140			B
Surrogate: Tetrachloro-m-xylene	*0.163*				*0.200*		*81.5*	*50-125*			
LCS Dup (B105839-BSD1)					Prepared: 09/26/14 Analyzed: 09/29/14						
Monochlorobiphenyls	0.098	0.0010			0.200		49.2	40-140	36.9	50	
Dichlorobiphenyls	0.085	0.0010			0.200		42.4	40-140	30.1	50	
Trichlorobiphenyls	0.086	0.0010			0.200		43.0	40-140	28.1	50	
Tetrachlorobiphenyls	0.18	0.0020			0.400		45.9	40-140	29.6	50	
Pentachlorobiphenyls	0.21	0.0020			0.400		53.6	40-140	20.3	50	
Hexachlorobiphenyls	0.21	0.0020			0.400		53.1	40-140	22.2	50	
Heptachlorobiphenyls	0.33	0.0030			0.600		54.6	40-140	22.0	50	
Octachlorobiphenyls	0.34	0.0030			0.600		56.5	40-140	19.2	50	
Nonachlorobiphenyls	0.73	0.0050			1.00		73.4	40-140	14.9	50	
Decachlorobiphenyl	0.72	0.0050			1.00		72.5	40-140	11.1	50	B
Surrogate: Tetrachloro-m-xylene	*0.105*				*0.200*		*52.4*	*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.
B	Analyte is found in the associated blank as well as in the sample.
B-07	Data is not affected by elevated level in blank since sample result is >10x level found in the blank.
S-20	Surrogate recovery is outside of control limits. Sample media does not allow for re-extraction.

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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	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

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Phone: 413-525-2332
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Email: info@contestlabs.com
www.contestlabs.com
39 SPRUCE ST
EAST LONGMEADOW, MA 01028

AIR SAMPLE CHAIN OF CUSTODY RECORD

14I1187

DOC#284
Rev.July2010

Company Name: AMC Environmental
Address: P.O. Box 423
Stratford, CT 06615
Attention: Jason Pringle
Project Location: Osborn School
Sampled By: J Pringle
Proposal Provided? (For Billing purposes)
☐ yes _____ proposal date

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

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

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.

Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	Total Minutes Sampled	Flow Rate M^3/Min. or L / Min.	Volume Liters or M^3	Matrix Code*	ANALYSIS REQUESTED: TO10A/EPA 680 Homolog				" Hg Initial pressure	" Hg Final Pressure	" Hg Lab Receipt pressure	Summa Canister ID	Flow Controller ID
A0924-01	Gym-Front		01	0800	1400	360	5	1800		X								
A0924-02	Gym - Back		02	0800	1400	360	5	1800		X								
A0924-03	Blank		03							X								

ONLY USE WHEN USING PUMPS

Laboratory Comments:

CLIENT COMMENTS:

Relinquished by: (signature)	Date/Time: 9/25
Received by: (signature) R Sean 9/25	Date/Time: 1240
Relinquished by: (signature) R Sean 9/25	Date/Time: 16:15
Received by: (signature) Steve Brown 2.3° 9/25/14	Date/Time: 16:15

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

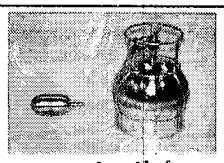
Special Requirements
Regulations: _____
Data Enhancement/RCP? ☐Y ☐N
Enhanced Data Package ☐Y ☐N
(Surchage Applies)
Required Detection Limits: <50 ng/m3 total PCBs
Other: _____

*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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East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

AIR Only Receipt Checklist

CLIENT NAME: AMC Environmental RECEIVED BY: KB DATE: 9/23/14

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: 19

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? _____

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	3	Low vol.
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:

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.	NA	
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.	NA	
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: KB **Date/Time:** 9/25/14

Doc #278 Rev. 4 January 2014

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November 18, 2014

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

Project Location: Osborn
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 14K0679

Enclosed are results of analyses for samples received by the laboratory on November 14, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

Table of Contents

Sample Summary 3

Case Narrative 4

Sample Results 5

Sample Preparation Information 9

QC Data 10

PCB Homologues by GC/MS with Soxhlet Extraction 10

B109826 10

Flag/Qualifier Summary 11

Certifications 12

Chain of Custody/Sample Receipt 13

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

REPORT DATE: 11/18/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14K0679

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

PROJECT LOCATION: Osborn

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
A1113-01	14K0679-01	Air	BLANK	TO-10A/EPA 680 Modified	
A1113-02	14K0679-02	Air	Gym B Side	TO-10A/EPA 680 Modified	
A1113-03	14K0679-03	Air	Gym B Side Duplicate	TO-10A/EPA 680 Modified	
A1113-04	14K0679-04	Air	Gym D Side	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:

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:

Decachlorobiphenyl

14K0679-01[A1113-01], 14K0679-02[A1113-02], 14K0679-03[A1113-03], 14K0679-04[A1113-04], B109826-BLK1, B109826-BS1, B109826-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:

Dichlorobiphenyls

B109826-BS1, B109826-BSD1

Monochlorobiphenyls

B109826-BS1, B109826-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:

Dichlorobiphenyls

14K0679-01[A1113-01], 14K0679-02[A1113-02], 14K0679-03[A1113-03], 14K0679-04[A1113-04], B109826-BLK1

Monochlorobiphenyls

14K0679-01[A1113-01], 14K0679-02[A1113-02], 14K0679-03[A1113-03], 14K0679-04[A1113-04], B109826-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.

Daren J. Damboragian
Laboratory Manager

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ANALYTICAL RESULTS

Project Location: Osborn
Date Received: 11/14/2014
Field Sample #: A1113-01
Sample ID: 14K0679-01
Sample Matrix: Air
Sampled: 11/13/2014 00:00

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

Work Order: 14K0679

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag/Qual	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010	V-20	1	11/18/14 13:57	CJM
Dichlorobiphenyls	ND	0.0010	V-20	1	11/18/14 13:57	CJM
Trichlorobiphenyls	ND	0.0010		1	11/18/14 13:57	CJM
Tetrachlorobiphenyls	ND	0.0020		1	11/18/14 13:57	CJM
Pentachlorobiphenyls	ND	0.0020		1	11/18/14 13:57	CJM
Hexachlorobiphenyls	ND	0.0020		1	11/18/14 13:57	CJM
Heptachlorobiphenyls	ND	0.0030		1	11/18/14 13:57	CJM
Octachlorobiphenyls	ND	0.0030		1	11/18/14 13:57	CJM
Nonachlorobiphenyls	ND	0.0050		1	11/18/14 13:57	CJM
Decachlorobiphenyl	ND	0.0050	V-05	1	11/18/14 13:57	CJM
Total Polychlorinated biphenyls	0.0			1	11/18/14 13:57	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	83.4	50-125	11/18/14 13:57

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ANALYTICAL RESULTS

Project Location: Osborn
Date Received: 11/14/2014
Field Sample #: A1113-02
Sample ID: 14K0679-02
Sample Matrix: Air
Sampled: 11/13/2014 15:20

Sample Description/Location: Gym B Side
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1800

Work Order: 14K0679

TO-10A/EPA 680 Modified

Analyte	Total µg Results	Total µg RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010	V-20	ND	0.00056	1	11/18/14 14:27	CJM
Dichlorobiphenyls	ND	0.0010	V-20	ND	0.00056	1	11/18/14 14:27	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	11/18/14 14:27	CJM
Tetrachlorobiphenyls	0.027	0.0020		0.015	0.0011	1	11/18/14 14:27	CJM
Pentachlorobiphenyls	0.079	0.0020		0.044	0.0011	1	11/18/14 14:27	CJM
Hexachlorobiphenyls	0.021	0.0020		0.012	0.0011	1	11/18/14 14:27	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/18/14 14:27	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/18/14 14:27	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	11/18/14 14:27	CJM
Decachlorobiphenyl	ND	0.0050	V-05	ND	0.0028	1	11/18/14 14:27	CJM
Total Polychlorinated biphenyls	0.13			0.071		1	11/18/14 14:27	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	94.8	50-125	11/18/14 14:27

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ANALYTICAL RESULTS

Project Location: Osborn
Date Received: 11/14/2014
Field Sample #: A1113-03
Sample ID: 14K0679-03
Sample Matrix: Air
Sampled: 11/13/2014 15:20

Sample Description/Location: Gym B Side Duplicate
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1800

Work Order: 14K0679

TO-10A/EPA 680 Modified

Analyte	Total µg Results	Total µg RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010	V-20	ND	0.00056	1	11/18/14 14:57	CJM
Dichlorobiphenyls	ND	0.0010	V-20	ND	0.00056	1	11/18/14 14:57	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	11/18/14 14:57	CJM
Tetrachlorobiphenyls	0.031	0.0020		0.017	0.0011	1	11/18/14 14:57	CJM
Pentachlorobiphenyls	0.088	0.0020		0.049	0.0011	1	11/18/14 14:57	CJM
Hexachlorobiphenyls	0.023	0.0020		0.013	0.0011	1	11/18/14 14:57	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/18/14 14:57	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/18/14 14:57	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	11/18/14 14:57	CJM
Decachlorobiphenyl	ND	0.0050	V-05	ND	0.0028	1	11/18/14 14:57	CJM
Total Polychlorinated biphenyls	0.14			0.079		1	11/18/14 14:57	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	84.4	50-125	11/18/14 14:57

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ANALYTICAL RESULTS

Project Location: Osborn
Date Received: 11/14/2014
Field Sample #: A1113-04
Sample ID: 14K0679-04
Sample Matrix: Air
Sampled: 11/13/2014 15:22

Sample Description/Location: Gym D Side
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1800

Work Order: 14K0679

TO-10A/EPA 680 Modified

Analyte	Total µg Results	Total µg RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010	V-20	ND	0.00056	1	11/18/14 15:26	CJM
Dichlorobiphenyls	ND	0.0010	V-20	ND	0.00056	1	11/18/14 15:26	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	11/18/14 15:26	CJM
Tetrachlorobiphenyls	0.032	0.0020		0.018	0.0011	1	11/18/14 15:26	CJM
Pentachlorobiphenyls	0.10	0.0020		0.057	0.0011	1	11/18/14 15:26	CJM
Hexachlorobiphenyls	0.025	0.0020		0.014	0.0011	1	11/18/14 15:26	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/18/14 15:26	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/18/14 15:26	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	11/18/14 15:26	CJM
Decachlorobiphenyl	ND	0.0050	V-05	ND	0.0028	1	11/18/14 15:26	CJM
Total Polychlorinated biphenyls	0.16			0.089		1	11/18/14 15:26	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	82.2	50-125	11/18/14 15:26

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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
14K0679-01 [A1113-01]	B109826	1.00	1.00	11/16/14
14K0679-02 [A1113-02]	B109826	1.00	1.00	11/16/14
14K0679-03 [A1113-03]	B109826	1.00	1.00	11/16/14
14K0679-04 [A1113-04]	B109826	1.00	1.00	11/16/14

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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 B109826 - SW-846 3540C											
Blank (B109826-BLK1)					Prepared: 11/16/14 Analyzed: 11/18/14						
Monochlorobiphenyls	ND	0.0010									V-20
Dichlorobiphenyls	ND	0.0010									V-20
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-05
Total Polychlorinated biphenyls	0.0										
Surrogate: Tetrachloro-m-xylene	*0.159*				*0.200*		*79.5*	*50-125*			
LCS (B109826-BS1)					Prepared: 11/16/14 Analyzed: 11/18/14						
Monochlorobiphenyls	0.21	0.0010			0.200		107	40-140			V-06
Dichlorobiphenyls	0.19	0.0010			0.200		93.4	40-140			V-06
Trichlorobiphenyls	0.18	0.0010			0.200		91.0	40-140			
Tetrachlorobiphenyls	0.37	0.0020			0.400		93.3	40-140			
Pentachlorobiphenyls	0.36	0.0020			0.400		88.9	40-140			
Hexachlorobiphenyls	0.33	0.0020			0.400		83.2	40-140			
Heptachlorobiphenyls	0.50	0.0030			0.600		82.7	40-140			
Octachlorobiphenyls	0.49	0.0030			0.600		81.9	40-140			
Nonachlorobiphenyls	0.72	0.0050			1.00		72.1	40-140			
Decachlorobiphenyl	0.50	0.0050			1.00		50.4	40-140			V-05
Surrogate: Tetrachloro-m-xylene	*0.224*				*0.200*		*112*	*50-125*			
LCS Dup (B109826-BSD1)					Prepared: 11/16/14 Analyzed: 11/18/14						
Monochlorobiphenyls	0.15	0.0010			0.200		74.6	40-140	35.7	50	V-06
Dichlorobiphenyls	0.15	0.0010			0.200		73.9	40-140	23.3	50	V-06
Trichlorobiphenyls	0.15	0.0010			0.200		73.7	40-140	21.0	50	
Tetrachlorobiphenyls	0.29	0.0020			0.400		73.2	40-140	24.2	50	
Pentachlorobiphenyls	0.30	0.0020			0.400		75.6	40-140	16.1	50	
Hexachlorobiphenyls	0.28	0.0020			0.400		70.2	40-140	17.0	50	
Heptachlorobiphenyls	0.42	0.0030			0.600		70.1	40-140	16.5	50	
Octachlorobiphenyls	0.45	0.0030			0.600		74.8	40-140	8.97	50	
Nonachlorobiphenyls	0.72	0.0050			1.00		72.5	40-140	0.592	50	
Decachlorobiphenyl	0.55	0.0050			1.00		54.5	40-140	7.86	50	V-05
Surrogate: Tetrachloro-m-xylene	*0.160*				*0.200*		*79.9*	*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.
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	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

14K0679

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

AIR SAMPLE CHAIN OF CUSTODY RECORD

39 SPRUCE ST
EAST LONGMEADOW, MA 01028

Page ___ of ___
DOC#284
Rev.July2010

Company Name: AMC Environmental
Address: P.O. Box 423
Stratford, CT 06615
Attention: Jason Pringle
Project Location: Osborn
Sampled By: J. Pringle
Proposal Provided? (For Billing purposes)
☐ yes _____ proposal date

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

DATA DELIVERY (check one):
☐ FAX ☑ EMAIL ☐ WEBSITE CLIENT
Fax # : _____
Email: results@amcenviro.com
Format: ☐ EXCEL ☑ PDF ☐ GIS KEY ☐ OTHER___

ANALYSIS REQUESTED

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.

	Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	Total Minutes Sampled	Flow Rate M^3/Min. or L / Min.	Volume Liters or M^3	Matrix Code*	TO-10A EPA 680 Homolog				" Hg Initial pressure	" Hg Final Pressure	" Hg Lab Receipt Pressure	Summa Canister ID	Flow Controller ID
01	A1113-01	BLANK									✓								
02	A1113-02	GYM B SIDE			11/13/14 0920	11/13/14 1520	360	5	1,800		✓								
03	A1113-03	GYM B SIDE DUPLICATE			11/13/14 0920	11/13/14 1520	360	5	1,800		✓								
04	A1113-04	GYM D SIDE			11/13/14 0922	11/13/14 1522	360	5	1,800		✓								

Laboratory Comments:

CLIENT COMMENTS:
<50 ng/m3 total PCBs

Relinquished by: (signature) 11/14/14	Date/Time: 1200
Received by: (signature) 11/14/14	Date/Time: 12:00
Relinquished by: (signature) 11/14/14	Date/Time: 1830
Received by: (signature) 4.6°C	Date/Time: 11/14/14 18:30

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: _____
Other: _____

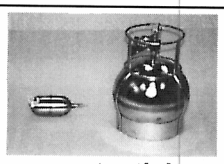
***Matrix Code:**
SG= SOIL GAS
IA= INDOOR AIR
AMB=AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = other_____

****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

Table of Contents



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

AIR Only Receipt Checklist

CLIENT NAME: AMC RECEIVED BY: KKM DATE: 11/14/14

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 Rich Date 11/14/14 Time 18:30

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?

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		6	
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:
081314-11 081314-12 081314-08 } unused
081314-07 081314-10 081314-09

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.	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) 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.	NA	

Doc #278 Rev. 5 October 2014

Who notified of False statements? **Date/Time:**
Log-In Technician Initials: KKM **Date/Time:** 11/14/14 18:30

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February 13, 2015

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

Project Location: Osborn Hill - Gymnasium
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 15B0294

Enclosed are results of analyses for samples received by the laboratory on February 10, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

Table of Contents

Sample Summary 3

Case Narrative 4

Sample Results 5

Sample Preparation Information 9

QC Data 10

PCB Homologues by GC/MS with Soxhlet Extraction 10

B115151 10

Flag/Qualifier Summary 11

Certifications 12

Chain of Custody/Sample Receipt 13

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

REPORT DATE: 2/13/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15B0294

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

PROJECT LOCATION: Osborn Hill - Gymnasium

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
PCB-01 - blank	15B0294-01	Air		TO-10A/EPA 680 Modified	
PCB-02 - Side B	15B0294-02	Air		TO-10A/EPA 680 Modified	
PCB-03 - Side B (Duplicate)	15B0294-03	Air		TO-10A/EPA 680 Modified	
PCB-04 - Side D	15B0294-04	Air		TO-10A/EPA 680 Modified	

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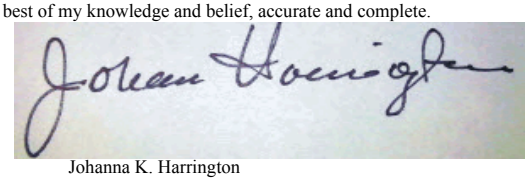
CASE NARRATIVE SUMMARY

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

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
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ANALYTICAL RESULTS

Project Location: Osborn Hill - Gymnasium
Date Received: 2/10/2015
Field Sample #: PCB-01 - blank
Sample ID: 15B0294-01
Sample Matrix: Air
Sampled: 2/8/2015 14:00

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

Work Order: 15B0294

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag/Qual	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		1	2/12/15 23:29	CJM
Dichlorobiphenyls	ND	0.0010		1	2/12/15 23:29	CJM
Trichlorobiphenyls	ND	0.0010		1	2/12/15 23:29	CJM
Tetrachlorobiphenyls	ND	0.0020		1	2/12/15 23:29	CJM
Pentachlorobiphenyls	ND	0.0020		1	2/12/15 23:29	CJM
Hexachlorobiphenyls	ND	0.0020		1	2/12/15 23:29	CJM
Heptachlorobiphenyls	ND	0.0030		1	2/12/15 23:29	CJM
Octachlorobiphenyls	ND	0.0030		1	2/12/15 23:29	CJM
Nonachlorobiphenyls	ND	0.0050		1	2/12/15 23:29	CJM
Decachlorobiphenyl	ND	0.0050		1	2/12/15 23:29	CJM
Total Polychlorinated biphenyls	0.0			1	2/12/15 23:29	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	75.0	50-125	2/12/15 23:29

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ANALYTICAL RESULTS

Project Location: Osborn Hill - Gymnasium
Date Received: 2/10/2015
Field Sample #: PCB-02 - Side B
Sample ID: 15B0294-02
Sample Matrix: Air
Sampled: 2/8/2015 14:00

Sample Description/Location:
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1810

Work Order: 15B0294

TO-10A/EPA 680 Modified

Analyte	Total µg Results	Total µg RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00055	1	2/12/15 16:02	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00055	1	2/12/15 16:02	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00055	1	2/12/15 16:02	CJM
Tetrachlorobiphenyls	ND	0.0020		ND	0.0011	1	2/12/15 16:02	CJM
Pentachlorobiphenyls	0.0041	0.0020		0.0023	0.0011	1	2/12/15 16:02	CJM
Hexachlorobiphenyls	ND	0.0020		ND	0.0011	1	2/12/15 16:02	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	2/12/15 16:02	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	2/12/15 16:02	CJM
Nonachlorobiphenyls	0.0054	0.0050		0.003	0.0028	1	2/12/15 16:02	CJM
Decachlorobiphenyl	0.016	0.0050		0.0091	0.0028	1	2/12/15 16:02	CJM
Total Polychlorinated biphenyls	0.026			0.014		1	2/12/15 16:02	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	74.0	50-125	2/12/15 16:02

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ANALYTICAL RESULTS

Project Location: Osborn Hill - Gymnasium
Date Received: 2/10/2015
Field Sample #: PCB-03 - Side B (Duplicate)
Sample ID: 15B0294-03
Sample Matrix: Air
Sampled: 2/8/2015 14:00

Sample Description/Location:
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1810

Work Order: 15B0294

TO-10A/EPA 680 Modified

Analyte	Total µg Results	Total µg RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00055	1	2/12/15 18:02	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00055	1	2/12/15 18:02	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00055	1	2/12/15 18:02	CJM
Tetrachlorobiphenyls	ND	0.0020		ND	0.0011	1	2/12/15 18:02	CJM
Pentachlorobiphenyls	0.0042	0.0020		0.0023	0.0011	1	2/12/15 18:02	CJM
Hexachlorobiphenyls	ND	0.0020		ND	0.0011	1	2/12/15 18:02	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	2/12/15 18:02	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	2/12/15 18:02	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	2/12/15 18:02	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	2/12/15 18:02	CJM
Total Polychlorinated biphenyls	0.0042			0.0023		1	2/12/15 18:02	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	73.0	50-125	2/12/15 18:02

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ANALYTICAL RESULTS

Project Location: Osborn Hill - Gymnasium
Date Received: 2/10/2015
Field Sample #: PCB-04 - Side D
Sample ID: 15B0294-04
Sample Matrix: Air
Sampled: 2/8/2015 14:00

Sample Description/Location:
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1815

Work Order: 15B0294

TO-10A/EPA 680 Modified

Analyte	Total µg Results	Total µg RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00055	1	2/12/15 18:31	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00055	1	2/12/15 18:31	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00055	1	2/12/15 18:31	CJM
Tetrachlorobiphenyls	ND	0.0020		ND	0.0011	1	2/12/15 18:31	CJM
Pentachlorobiphenyls	ND	0.0020		ND	0.0011	1	2/12/15 18:31	CJM
Hexachlorobiphenyls	ND	0.0020		ND	0.0011	1	2/12/15 18:31	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	2/12/15 18:31	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	2/12/15 18:31	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	2/12/15 18:31	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	2/12/15 18:31	CJM
Total Polychlorinated biphenyls	0.0			0		1	2/12/15 18:31	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	56.2	50-125	2/12/15 18:31

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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
15B0294-01 [PCB-01 - blank]	B115151	1.00	1.00	02/11/15
15B0294-02 [PCB-02 - Side B]	B115151	1.00	1.00	02/11/15
15B0294-03 [PCB-03 - Side B (Duplicate)]	B115151	1.00	1.00	02/11/15
15B0294-04 [PCB-04 - Side D]	B115151	1.00	1.00	02/11/15

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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 B115151 - SW-846 3540C											
Blank (B115151-BLK1)					Prepared: 02/11/15 Analyzed: 02/12/15						
Monochlorobiphenyls	ND	0.0010									
Dichlorobiphenyls	ND	0.0010									
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									
Total Polychlorinated biphenyls	0.0										
Surrogate: Tetrachloro-m-xylene	*0.136*				*0.200*		*68.2*	*50-125*			
LCS (B115151-BS1)					Prepared: 02/11/15 Analyzed: 02/12/15						
Monochlorobiphenyls	0.13	0.0010			0.200		64.0	40-140			
Dichlorobiphenyls	0.14	0.0010			0.200		68.3	40-140			
Trichlorobiphenyls	0.14	0.0010			0.200		71.5	40-140			
Tetrachlorobiphenyls	0.30	0.0020			0.400		74.0	40-140			
Pentachlorobiphenyls	0.31	0.0020			0.400		77.8	40-140			
Hexachlorobiphenyls	0.30	0.0020			0.400		75.4	40-140			
Heptachlorobiphenyls	0.46	0.0030			0.600		76.6	40-140			
Octachlorobiphenyls	0.47	0.0030			0.600		78.3	40-140			
Nonachlorobiphenyls	0.86	0.0050			1.00		86.1	40-140			
Decachlorobiphenyl	0.77	0.0050			1.00		77.0	40-140			
Surrogate: Tetrachloro-m-xylene	*0.142*				*0.200*		*71.1*	*50-125*			
LCS Dup (B115151-BSD1)					Prepared: 02/11/15 Analyzed: 02/12/15						
Monochlorobiphenyls	0.12	0.0010			0.200		62.2	40-140	2.88	50	
Dichlorobiphenyls	0.14	0.0010			0.200		70.8	40-140	3.67	50	
Trichlorobiphenyls	0.15	0.0010			0.200		76.7	40-140	6.91	50	
Tetrachlorobiphenyls	0.31	0.0020			0.400		78.3	40-140	5.58	50	
Pentachlorobiphenyls	0.35	0.0020			0.400		86.6	40-140	10.7	50	
Hexachlorobiphenyls	0.34	0.0020			0.400		83.8	40-140	10.5	50	
Heptachlorobiphenyls	0.51	0.0030			0.600		85.1	40-140	10.4	50	
Octachlorobiphenyls	0.52	0.0030			0.600		85.9	40-140	9.27	50	
Nonachlorobiphenyls	0.94	0.0050			1.00		93.5	40-140	8.27	50	
Decachlorobiphenyl	0.82	0.0050			1.00		82.3	40-140	6.71	50	
Surrogate: Tetrachloro-m-xylene	*0.135*				*0.200*		*67.3*	*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.

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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	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
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	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
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
39 SPRUCE ST
EAST LONGMEADOW, MA 01028

AIR SAMPLE CHAIN OF CUSTODY RECORD

15B0294

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

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

DATA DELIVERY (check one):
☐FAX ☐EMAIL ☐WEBSITE CLIENT
Fax # :
Email: results@amcenviro.com
Format: ☐EXCEL ☐PDF ☐GIS KEY ☐OTHER___

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

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.

Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	Total Minutes Sampled	Flow Rate M^3/Min. or L / Min.	Volume Liters or M^3	Matrix Code*	ANALYSIS REQUESTED: EPA 680 Homolog/TO10A				" Hg Initial pressure	" Hg Final Pressure	" Hg Lab Receipt Pressure	Summa Canister ID	Flow Controller ID
	PCB-01 - blank		01	2/8/15 8:00	2/8/15 2:00				A	✓								
	PCB-02 - Side B		02	2/8/15 8:00	2/8/15 2:00			1810	A	✓								
	PCB-03 - Side B (Duplicate)		03	↓	↓			1810	A	✓								
	PCB-04 Side D		04					1815	A	✓								

Laboratory Comments:

CLIENT COMMENTS:

Relinquished by: (signature) Sandy Owen	Date/Time:	
Received by: (signature) 2/10/15	Date/Time: 12:00	
Relinquished by: (signature) 2/10/15	Date/Time: 15:00	
Received by: (signature) 3.7°C	Date/Time: 2/10/15 15:00	

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 pcb
Other:

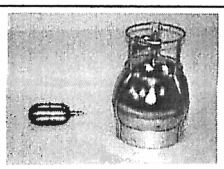
***Matrix Code:**
SG= SOIL GAS
IA= INDOOR AIR
AMB=AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = other_____

****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

Table of Contents



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

AIR Only Receipt Checklist

CLIENT NAME: AMC ENV. RECEIVED BY: KKM DATE: 2/10/15

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: 19

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? _____

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		4	
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:
12244-02 -05
-19 -16

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.	NA	
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.	F	
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: KKM **Date/Time:** 2/10/15 15:00

Doc #278 Rev. 5 October 2014

Laboratory Results – PCB Chip Samples

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

September 29, 2014

Sandy Owen
AMC Environmental, LLC
PO Box 423
Stratford, CT 06615

Project Location: Osborn School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 14I1180

Enclosed are results of analyses for samples received by the laboratory on September 25, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

Table of Contents

Sample Summary 4

Case Narrative 5

Sample Results 6

14I1180-01 6

14I1180-02 7

14I1180-03 8

14I1180-04 9

14I1180-05 10

14I1180-06 11

14I1180-07 12

14I1180-08 13

14I1180-09 14

14I1180-10 15

14I1180-11 16

14I1180-12 17

14I1180-13 18

14I1180-14 19

14I1180-15 20

14I1180-16 21

14I1180-17 22

14I1180-18 23

14I1180-19 24

14I1180-20 25

Sample Preparation Information 26

QC Data 27

Polychlorinated Biphenyls with 3540 Soxhlet Extraction 27

Table of Contents (continued)

B105797	27
Dual Column RPD Report	29
Flag/Qualifier Summary	53
Certifications	54
Chain of Custody/Sample Receipt	55

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AMC Environmental, LLC
PO Box 423
Stratford, CT 06615
ATTN: Sandy Owen

REPORT DATE: 9/29/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14I1180

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
M0924-01	14I1180-01	Product/Solid	Gym CMU	SW-846 8082A	
M0924-02	14I1180-02	Product/Solid	Gym CMU	SW-846 8082A	
M0924-03	14I1180-03	Product/Solid	Gym CMU	SW-846 8082A	
M0924-04	14I1180-04	Product/Solid	Gym CMU	SW-846 8082A	
M0924-05	14I1180-05	Product/Solid	Gym CMU	SW-846 8082A	
M0924-06	14I1180-06	Product/Solid	Gym CMU	SW-846 8082A	
M0924-07	14I1180-07	Product/Solid	Gym CMU	SW-846 8082A	
M0924-08	14I1180-08	Product/Solid	Gym CMU	SW-846 8082A	
M0924-09	14I1180-09	Product/Solid	Gym CMU	SW-846 8082A	
M0924-10	14I1180-10	Product/Solid	Gym CMU	SW-846 8082A	
M0924-11	14I1180-11	Product/Solid	Gym CMU	SW-846 8082A	
M0924-12	14I1180-12	Product/Solid	Gym CMU	SW-846 8082A	
M0924-13	14I1180-13	Product/Solid	Gym CMU	SW-846 8082A	
M0924-14	14I1180-14	Product/Solid	Gym CMU	SW-846 8082A	
M0924-15	14I1180-15	Product/Solid	Gym CMU	SW-846 8082A	
M0924-16	14I1180-16	Product/Solid	Gym CMU	SW-846 8082A	
M0924-17	14I1180-17	Product/Solid	Gym CMU	SW-846 8082A	
M0924-18	14I1180-18	Product/Solid	Gym CMU	SW-846 8082A	
M0924-19	14I1180-19	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-20	14I1180-20	Product/Solid	Gym CMU-M	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-21

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

Analyte & Samples(s) Qualified:

Aroclor-1016 [2C]
B105797-MS1, B105797-MSD1

Aroclor-1260
B105797-MS1, B105797-MSD1

Aroclor-1260 [2C]
B105797-MS1, B105797-MSD1

S-01

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

Analyte & Samples(s) Qualified:

Decachlorobiphenyl
14I1180-02[M0924-02], 14I1180-03[M0924-03], 14I1180-08[M0924-08], 14I1180-09[M0924-09], 14I1180-12[M0924-12]

Decachlorobiphenyl [2C]
14I1180-02[M0924-02], 14I1180-03[M0924-03], 14I1180-08[M0924-08], 14I1180-09[M0924-09], 14I1180-12[M0924-12]

Tetrachloro-m-xylene
14I1180-02[M0924-02], 14I1180-03[M0924-03], 14I1180-08[M0924-08], 14I1180-09[M0924-09], 14I1180-12[M0924-12]

Tetrachloro-m-xylene [2C]
14I1180-02[M0924-02], 14I1180-03[M0924-03], 14I1180-08[M0924-08], 14I1180-09[M0924-09], 14I1180-12[M0924-12]

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: Gym CMU
Work Order: 14I1180
Date Received: 9/25/2014
Field Sample #: M0924-01
Sampled: 9/25/2014 00:00
Sample ID: 14I1180-01
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	2.7	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 20:54	MJC
Aroclor-1221 [1]	ND	2.7	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 20:54	MJC
Aroclor-1232 [1]	ND	2.7	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 20:54	MJC
Aroclor-1242 [1]	ND	2.7	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 20:54	MJC
Aroclor-1248 [1]	ND	2.7	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 20:54	MJC
Aroclor-1254 [2]	21	2.7	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 20:54	MJC
Aroclor-1260 [1]	ND	2.7	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 20:54	MJC
Aroclor-1262 [1]	ND	2.7	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 20:54	MJC
Aroclor-1268 [1]	ND	2.7	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 20:54	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	112	30-150		9/27/14 20:54
Decachlorobiphenyl [2]	105	30-150		9/27/14 20:54
Tetrachloro-m-xylene [1]	82.9	30-150		9/27/14 20:54
Tetrachloro-m-xylene [2]	96.2	30-150		9/27/14 20:54

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Project Location: Osborn School | Sample Description: Gym CMU | Work Order: 14I1180

Date Received: 9/25/2014

Field Sample #: M0924-02 | Sampled: 9/25/2014 00:00

Sample ID: 14I1180-02

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	4.7	mg/Kg	50		SW-846 8082A	9/25/14	9/27/14 21:06	MJC
Aroclor-1221 [1]	ND	4.7	mg/Kg	50		SW-846 8082A	9/25/14	9/27/14 21:06	MJC
Aroclor-1232 [1]	ND	4.7	mg/Kg	50		SW-846 8082A	9/25/14	9/27/14 21:06	MJC
Aroclor-1242 [1]	ND	4.7	mg/Kg	50		SW-846 8082A	9/25/14	9/27/14 21:06	MJC
Aroclor-1248 [1]	ND	4.7	mg/Kg	50		SW-846 8082A	9/25/14	9/27/14 21:06	MJC
Aroclor-1254 [2]	28	4.7	mg/Kg	50		SW-846 8082A	9/25/14	9/27/14 21:06	MJC
Aroclor-1260 [1]	ND	4.7	mg/Kg	50		SW-846 8082A	9/25/14	9/27/14 21:06	MJC
Aroclor-1262 [1]	ND	4.7	mg/Kg	50		SW-846 8082A	9/25/14	9/27/14 21:06	MJC
Aroclor-1268 [1]	ND	4.7	mg/Kg	50		SW-846 8082A	9/25/14	9/27/14 21:06	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/27/14 21:06
Decachlorobiphenyl [2]	*	30-150	S-01	9/27/14 21:06
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/27/14 21:06
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/27/14 21:06

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Project Location: Osborn School | Sample Description: Gym CMU | Work Order: 14I1180

Date Received: 9/25/2014

Field Sample #: M0924-03 | Sampled: 9/25/2014 00:00

Sample ID: 14I1180-03

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	3.6	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 21:19	MJC
Aroclor-1221 [1]	ND	3.6	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 21:19	MJC
Aroclor-1232 [1]	ND	3.6	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 21:19	MJC
Aroclor-1242 [1]	ND	3.6	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 21:19	MJC
Aroclor-1248 [1]	ND	3.6	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 21:19	MJC
Aroclor-1254 [2]	25	3.6	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 21:19	MJC
Aroclor-1260 [1]	ND	3.6	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 21:19	MJC
Aroclor-1262 [1]	ND	3.6	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 21:19	MJC
Aroclor-1268 [1]	ND	3.6	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 21:19	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/27/14 21:19
Decachlorobiphenyl [2]	*	30-150	S-01	9/27/14 21:19
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/27/14 21:19
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/27/14 21:19

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Project Location: Osborn School | Sample Description: Gym CMU | Work Order: 14I1180

Date Received: 9/25/2014

Field Sample #: M0924-04 | Sampled: 9/25/2014 00:00

Sample ID: 14I1180-04

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	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:32	MJC
Aroclor-1221 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:32	MJC
Aroclor-1232 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:32	MJC
Aroclor-1242 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:32	MJC
Aroclor-1248 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:32	MJC
Aroclor-1254 [2]	15	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:32	MJC
Aroclor-1260 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:32	MJC
Aroclor-1262 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:32	MJC
Aroclor-1268 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:32	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	111	30-150		9/27/14 21:32
Decachlorobiphenyl [2]	105	30-150		9/27/14 21:32
Tetrachloro-m-xylene [1]	75.9	30-150		9/27/14 21:32
Tetrachloro-m-xylene [2]	88.1	30-150		9/27/14 21:32

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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: Gym CMU | Work Order: 14I1180

Date Received: 9/25/2014

Field Sample #: M0924-05 | Sampled: 9/25/2014 00:00

Sample ID: 14I1180-05

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	1.0	mg/Kg	10		SW-846 8082A	9/25/14	9/27/14 21:45	MJC
Aroclor-1221 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	9/25/14	9/27/14 21:45	MJC
Aroclor-1232 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	9/25/14	9/27/14 21:45	MJC
Aroclor-1242 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	9/25/14	9/27/14 21:45	MJC
Aroclor-1248 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	9/25/14	9/27/14 21:45	MJC
Aroclor-1254 [2]	7.8	1.0	mg/Kg	10		SW-846 8082A	9/25/14	9/27/14 21:45	MJC
Aroclor-1260 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	9/25/14	9/27/14 21:45	MJC
Aroclor-1262 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	9/25/14	9/27/14 21:45	MJC
Aroclor-1268 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	9/25/14	9/27/14 21:45	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		9/27/14 21:45
Decachlorobiphenyl [2]	101	30-150		9/27/14 21:45
Tetrachloro-m-xylene [1]	83.8	30-150		9/27/14 21:45
Tetrachloro-m-xylene [2]	96.9	30-150		9/27/14 21:45

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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: Gym CMU
Work Order: 14I1180
Date Received: 9/25/2014
Field Sample #: M0924-06
Sampled: 9/25/2014 00:00
Sample ID: 14I1180-06
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	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:58	MJC
Aroclor-1221 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:58	MJC
Aroclor-1232 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:58	MJC
Aroclor-1242 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:58	MJC
Aroclor-1248 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:58	MJC
Aroclor-1254 [2]	16	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:58	MJC
Aroclor-1260 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:58	MJC
Aroclor-1262 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:58	MJC
Aroclor-1268 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 21:58	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	115	30-150		9/27/14 21:58
Decachlorobiphenyl [2]	108	30-150		9/27/14 21:58
Tetrachloro-m-xylene [1]	88.4	30-150		9/27/14 21:58
Tetrachloro-m-xylene [2]	103	30-150		9/27/14 21:58

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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: Gym CMU | Work Order: 14I1180

Date Received: 9/25/2014

Field Sample #: M0924-07 | Sampled: 9/25/2014 00:00

Sample ID: 14I1180-07

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	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:11	MJC
Aroclor-1221 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:11	MJC
Aroclor-1232 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:11	MJC
Aroclor-1242 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:11	MJC
Aroclor-1248 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:11	MJC
Aroclor-1254 [2]	13	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:11	MJC
Aroclor-1260 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:11	MJC
Aroclor-1262 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:11	MJC
Aroclor-1268 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:11	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	111	30-150		9/27/14 22:11
Decachlorobiphenyl [2]	106	30-150		9/27/14 22:11
Tetrachloro-m-xylene [1]	83.1	30-150		9/27/14 22:11
Tetrachloro-m-xylene [2]	97.9	30-150		9/27/14 22:11

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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: Gym CMU | Work Order: 14I1180

Date Received: 9/25/2014

Field Sample #: M0924-08 | Sampled: 9/25/2014 00:00

Sample ID: 14I1180-08

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	3.7	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 22:24	MJC
Aroclor-1221 [1]	ND	3.7	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 22:24	MJC
Aroclor-1232 [1]	ND	3.7	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 22:24	MJC
Aroclor-1242 [1]	ND	3.7	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 22:24	MJC
Aroclor-1248 [1]	ND	3.7	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 22:24	MJC
Aroclor-1254 [2]	21	3.7	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 22:24	MJC
Aroclor-1260 [1]	ND	3.7	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 22:24	MJC
Aroclor-1262 [1]	ND	3.7	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 22:24	MJC
Aroclor-1268 [1]	ND	3.7	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 22:24	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/27/14 22:24
Decachlorobiphenyl [2]	*	30-150	S-01	9/27/14 22:24
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/27/14 22:24
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/27/14 22:24

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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: Gym CMU | Work Order: 14I1180

Date Received: 9/25/2014

Field Sample #: M0924-09 | Sampled: 9/25/2014 00:00

Sample ID: 14I1180-09

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	10	mg/Kg	100		SW-846 8082A	9/25/14	9/27/14 22:36	MJC
Aroclor-1221 [1]	ND	10	mg/Kg	100		SW-846 8082A	9/25/14	9/27/14 22:36	MJC
Aroclor-1232 [1]	ND	10	mg/Kg	100		SW-846 8082A	9/25/14	9/27/14 22:36	MJC
Aroclor-1242 [1]	ND	10	mg/Kg	100		SW-846 8082A	9/25/14	9/27/14 22:36	MJC
Aroclor-1248 [1]	ND	10	mg/Kg	100		SW-846 8082A	9/25/14	9/27/14 22:36	MJC
Aroclor-1254 [2]	50	10	mg/Kg	100		SW-846 8082A	9/25/14	9/27/14 22:36	MJC
Aroclor-1260 [1]	ND	10	mg/Kg	100		SW-846 8082A	9/25/14	9/27/14 22:36	MJC
Aroclor-1262 [1]	ND	10	mg/Kg	100		SW-846 8082A	9/25/14	9/27/14 22:36	MJC
Aroclor-1268 [1]	ND	10	mg/Kg	100		SW-846 8082A	9/25/14	9/27/14 22:36	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/27/14 22:36
Decachlorobiphenyl [2]	*	30-150	S-01	9/27/14 22:36
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/27/14 22:36
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/27/14 22:36

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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: Gym CMU
Work Order: 14I1180
Date Received: 9/25/2014
Field Sample #: M0924-10
Sampled: 9/25/2014 00:00
Sample ID: 14I1180-10
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	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:49	MJC
Aroclor-1221 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:49	MJC
Aroclor-1232 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:49	MJC
Aroclor-1242 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:49	MJC
Aroclor-1248 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:49	MJC
Aroclor-1254 [2]	12	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:49	MJC
Aroclor-1260 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:49	MJC
Aroclor-1262 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:49	MJC
Aroclor-1268 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 22:49	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	86.9	30-150		9/27/14 22:49
Decachlorobiphenyl [2]	82.5	30-150		9/27/14 22:49
Tetrachloro-m-xylene [1]	65.5	30-150		9/27/14 22:49
Tetrachloro-m-xylene [2]	76.1	30-150		9/27/14 22:49

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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: Gym CMU
Work Order: 14I1180
Date Received: 9/25/2014
Field Sample #: M0924-11
Sampled: 9/25/2014 00:00
Sample ID: 14I1180-11
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	2.3	mg/Kg	25		SW-846 8082A	9/25/14	9/27/14 23:28	MJC
Aroclor-1221 [1]	ND	2.3	mg/Kg	25		SW-846 8082A	9/25/14	9/27/14 23:28	MJC
Aroclor-1232 [1]	ND	2.3	mg/Kg	25		SW-846 8082A	9/25/14	9/27/14 23:28	MJC
Aroclor-1242 [1]	ND	2.3	mg/Kg	25		SW-846 8082A	9/25/14	9/27/14 23:28	MJC
Aroclor-1248 [1]	ND	2.3	mg/Kg	25		SW-846 8082A	9/25/14	9/27/14 23:28	MJC
Aroclor-1254 [1]	17	2.3	mg/Kg	25		SW-846 8082A	9/25/14	9/27/14 23:28	MJC
Aroclor-1260 [1]	ND	2.3	mg/Kg	25		SW-846 8082A	9/25/14	9/27/14 23:28	MJC
Aroclor-1262 [1]	ND	2.3	mg/Kg	25		SW-846 8082A	9/25/14	9/27/14 23:28	MJC
Aroclor-1268 [1]	ND	2.3	mg/Kg	25		SW-846 8082A	9/25/14	9/27/14 23:28	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	107	30-150		9/27/14 23:28
Decachlorobiphenyl [2]	104	30-150		9/27/14 23:28
Tetrachloro-m-xylene [1]	86.0	30-150		9/27/14 23:28
Tetrachloro-m-xylene [2]	100	30-150		9/27/14 23:28

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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: Gym CMU
Work Order: 14I1180
Date Received: 9/25/2014
Field Sample #: M0924-12
Sampled: 9/25/2014 00:00
Sample ID: 14I1180-12
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	3.9	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 23:40	MJC
Aroclor-1221 [1]	ND	3.9	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 23:40	MJC
Aroclor-1232 [1]	ND	3.9	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 23:40	MJC
Aroclor-1242 [1]	ND	3.9	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 23:40	MJC
Aroclor-1248 [1]	ND	3.9	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 23:40	MJC
Aroclor-1254 [2]	24	3.9	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 23:40	MJC
Aroclor-1260 [1]	ND	3.9	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 23:40	MJC
Aroclor-1262 [1]	ND	3.9	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 23:40	MJC
Aroclor-1268 [1]	ND	3.9	mg/Kg	40		SW-846 8082A	9/25/14	9/27/14 23:40	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/27/14 23:40
Decachlorobiphenyl [2]	*	30-150	S-01	9/27/14 23:40
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/27/14 23:40
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/27/14 23:40

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Project Location: Osborn School | Sample Description: Gym CMU | Work Order: 14I1180

Date Received: 9/25/2014

Field Sample #: M0924-13 | Sampled: 9/25/2014 00:00

Sample ID: 14I1180-13

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	2.1	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 23:53	MJC
Aroclor-1221 [1]	ND	2.1	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 23:53	MJC
Aroclor-1232 [1]	ND	2.1	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 23:53	MJC
Aroclor-1242 [1]	ND	2.1	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 23:53	MJC
Aroclor-1248 [1]	ND	2.1	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 23:53	MJC
Aroclor-1254 [2]	12	2.1	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 23:53	MJC
Aroclor-1260 [1]	ND	2.1	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 23:53	MJC
Aroclor-1262 [1]	ND	2.1	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 23:53	MJC
Aroclor-1268 [1]	ND	2.1	mg/Kg	20		SW-846 8082A	9/25/14	9/27/14 23:53	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	120	30-150		9/27/14 23:53
Decachlorobiphenyl [2]	115	30-150		9/27/14 23:53
Tetrachloro-m-xylene [1]	94.5	30-150		9/27/14 23:53
Tetrachloro-m-xylene [2]	107	30-150		9/27/14 23:53

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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: Gym CMU | Work Order: 14I1180

Date Received: 9/25/2014

Field Sample #: M0924-14 | Sampled: 9/25/2014 00:00

Sample ID: 14I1180-14

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	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:06	MJC
Aroclor-1221 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:06	MJC
Aroclor-1232 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:06	MJC
Aroclor-1242 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:06	MJC
Aroclor-1248 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:06	MJC
Aroclor-1254 [2]	17	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:06	MJC
Aroclor-1260 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:06	MJC
Aroclor-1262 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:06	MJC
Aroclor-1268 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:06	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	116	30-150		9/28/14 0:06
Decachlorobiphenyl [2]	111	30-150		9/28/14 0:06
Tetrachloro-m-xylene [1]	89.8	30-150		9/28/14 0:06
Tetrachloro-m-xylene [2]	102	30-150		9/28/14 0:06

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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: Gym CMU | Work Order: 14I1180

Date Received: 9/25/2014

Field Sample #: M0924-15 | Sampled: 9/25/2014 00:00

Sample ID: 14I1180-15

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	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:19	MJC
Aroclor-1221 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:19	MJC
Aroclor-1232 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:19	MJC
Aroclor-1242 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:19	MJC
Aroclor-1248 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:19	MJC
Aroclor-1254 [1]	13	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:19	MJC
Aroclor-1260 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:19	MJC
Aroclor-1262 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:19	MJC
Aroclor-1268 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:19	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	104	30-150		9/28/14 0:19
Decachlorobiphenyl [2]	98.9	30-150		9/28/14 0:19
Tetrachloro-m-xylene [1]	81.1	30-150		9/28/14 0:19
Tetrachloro-m-xylene [2]	92.0	30-150		9/28/14 0:19

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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: Gym CMU
Work Order: 14I1180
Date Received: 9/25/2014
Field Sample #: M0924-16
Sampled: 9/25/2014 00:00
Sample ID: 14I1180-16
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	2.0	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 0:32	MJC
Aroclor-1221 [1]	ND	2.0	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 0:32	MJC
Aroclor-1232 [1]	ND	2.0	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 0:32	MJC
Aroclor-1242 [1]	ND	2.0	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 0:32	MJC
Aroclor-1248 [1]	ND	2.0	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 0:32	MJC
Aroclor-1254 [1]	19	2.0	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 0:32	MJC
Aroclor-1260 [1]	ND	2.0	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 0:32	MJC
Aroclor-1262 [1]	ND	2.0	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 0:32	MJC
Aroclor-1268 [1]	ND	2.0	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 0:32	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	110	30-150		9/28/14 0:32
Decachlorobiphenyl [2]	103	30-150		9/28/14 0:32
Tetrachloro-m-xylene [1]	89.6	30-150		9/28/14 0:32
Tetrachloro-m-xylene [2]	101	30-150		9/28/14 0:32

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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: Gym CMU | Work Order: 14I1180

Date Received: 9/25/2014

Field Sample #: M0924-17 | Sampled: 9/25/2014 00:00

Sample ID: 14I1180-17

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	0.38	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:45	MJC
Aroclor-1221 [1]	ND	0.38	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:45	MJC
Aroclor-1232 [1]	ND	0.38	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:45	MJC
Aroclor-1242 [1]	ND	0.38	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:45	MJC
Aroclor-1248 [1]	ND	0.38	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:45	MJC
Aroclor-1254 [2]	2.7	0.38	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:45	MJC
Aroclor-1260 [1]	ND	0.38	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:45	MJC
Aroclor-1262 [1]	ND	0.38	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:45	MJC
Aroclor-1268 [1]	ND	0.38	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:45	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.4	30-150		9/28/14 0:45
Decachlorobiphenyl [2]	92.7	30-150		9/28/14 0:45
Tetrachloro-m-xylene [1]	82.2	30-150		9/28/14 0:45
Tetrachloro-m-xylene [2]	92.1	30-150		9/28/14 0:45

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Project Location: Osborn School | Sample Description: Gym CMU | Work Order: 14I1180

Date Received: 9/25/2014

Field Sample #: M0924-18 | Sampled: 9/25/2014 00:00

Sample ID: 14I1180-18

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	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:57	MJC
Aroclor-1221 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:57	MJC
Aroclor-1232 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:57	MJC
Aroclor-1242 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:57	MJC
Aroclor-1248 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:57	MJC
Aroclor-1254 [2]	4.1	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:57	MJC
Aroclor-1260 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:57	MJC
Aroclor-1262 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:57	MJC
Aroclor-1268 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:57	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	104	30-150		9/28/14 0:57
Decachlorobiphenyl [2]	98.5	30-150		9/28/14 0:57
Tetrachloro-m-xylene [1]	85.3	30-150		9/28/14 0:57
Tetrachloro-m-xylene [2]	96.6	30-150		9/28/14 0:57

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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: Gym CMU-M | Work Order: 14I1180

Date Received: 9/25/2014

Field Sample #: M0924-19 | Sampled: 9/25/2014 00:00

Sample ID: 14I1180-19

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	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:10	MJC
Aroclor-1221 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:10	MJC
Aroclor-1232 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:10	MJC
Aroclor-1242 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:10	MJC
Aroclor-1248 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:10	MJC
Aroclor-1254 [2]	6.0	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:10	MJC
Aroclor-1260 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:10	MJC
Aroclor-1262 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:10	MJC
Aroclor-1268 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:10	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.7	30-150		9/28/14 1:10
Decachlorobiphenyl [2]	94.5	30-150		9/28/14 1:10
Tetrachloro-m-xylene [1]	84.1	30-150		9/28/14 1:10
Tetrachloro-m-xylene [2]	95.2	30-150		9/28/14 1:10

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Project Location: Osborn School
Sample Description: Gym CMU-M
Work Order: 14I1180

Date Received: 9/25/2014

Field Sample #: M0924-20
Sampled: 9/25/2014 00:00

Sample ID: 14I1180-20

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	0.94	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:23	MJC
Aroclor-1221 [1]	ND	0.94	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:23	MJC
Aroclor-1232 [1]	ND	0.94	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:23	MJC
Aroclor-1242 [1]	ND	0.94	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:23	MJC
Aroclor-1248 [1]	ND	0.94	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:23	MJC
Aroclor-1254 [2]	5.6	0.94	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:23	MJC
Aroclor-1260 [1]	ND	0.94	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:23	MJC
Aroclor-1262 [1]	ND	0.94	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:23	MJC
Aroclor-1268 [1]	ND	0.94	mg/Kg	10		SW-846 8082A	9/25/14	9/28/14 1:23	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	104	30-150		9/28/14 1:23
Decachlorobiphenyl [2]	99.0	30-150		9/28/14 1:23
Tetrachloro-m-xylene [1]	88.9	30-150		9/28/14 1:23
Tetrachloro-m-xylene [2]	101	30-150		9/28/14 1:23

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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
14I1180-01 [M0924-01]	B105797	1.50	10.0	09/25/14
14I1180-02 [M0924-02]	B105797	2.11	10.0	09/25/14
14I1180-03 [M0924-03]	B105797	2.20	10.0	09/25/14
14I1180-04 [M0924-04]	B105797	2.10	10.0	09/25/14
14I1180-05 [M0924-05]	B105797	2.01	10.0	09/25/14
14I1180-06 [M0924-06]	B105797	2.15	10.0	09/25/14
14I1180-07 [M0924-07]	B105797	2.00	10.0	09/25/14
14I1180-08 [M0924-08]	B105797	2.14	10.0	09/25/14
14I1180-09 [M0924-09]	B105797	2.01	10.0	09/25/14
14I1180-10 [M0924-10]	B105797	2.03	10.0	09/25/14
14I1180-11 [M0924-11]	B105797	2.20	10.0	09/25/14
14I1180-12 [M0924-12]	B105797	2.05	10.0	09/25/14
14I1180-13 [M0924-13]	B105797	1.89	10.0	09/25/14
14I1180-14 [M0924-14]	B105797	2.00	10.0	09/25/14
14I1180-15 [M0924-15]	B105797	2.07	10.0	09/25/14
14I1180-16 [M0924-16]	B105797	1.00	10.0	09/25/14
14I1180-17 [M0924-17]	B105797	2.09	10.0	09/25/14
14I1180-18 [M0924-18]	B105797	2.01	10.0	09/25/14
14I1180-19 [M0924-19]	B105797	2.05	10.0	09/25/14
14I1180-20 [M0924-20]	B105797	2.12	10.0	09/25/14

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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 B105797 - SW-846 3540C										
Blank (B105797-BLK1)				Prepared: 09/25/14 Analyzed: 09/27/14						
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	*0.971*		mg/Kg	1.00		97.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.926*		mg/Kg	1.00		92.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.868*		mg/Kg	1.00		86.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.979*		mg/Kg	1.00		97.9	30-150			
LCS (B105797-BS1)				Prepared: 09/25/14 Analyzed: 09/27/14						
Aroclor-1016	0.24	0.10	mg/Kg	0.250		97.2	40-140			
Aroclor-1016 [2C]	0.26	0.10	mg/Kg	0.250		102	40-140			
Aroclor-1260	0.27	0.10	mg/Kg	0.250		109	40-140			
Aroclor-1260 [2C]	0.25	0.10	mg/Kg	0.250		100	40-140			
Surrogate: Decachlorobiphenyl	*0.985*		mg/Kg	1.00		98.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.942*		mg/Kg	1.00		94.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.886*		mg/Kg	1.00		88.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.995*		mg/Kg	1.00		99.5	30-150			
LCS Dup (B105797-BSD1)				Prepared: 09/25/14 Analyzed: 09/27/14						
Aroclor-1016	0.25	0.10	mg/Kg	0.250		98.1	40-140	0.946	30	
Aroclor-1016 [2C]	0.26	0.10	mg/Kg	0.250		103	40-140	1.01	30	
Aroclor-1260	0.28	0.10	mg/Kg	0.250		111	40-140	2.05	30	
Aroclor-1260 [2C]	0.26	0.10	mg/Kg	0.250		102	40-140	1.92	30	
Surrogate: Decachlorobiphenyl	*0.993*		mg/Kg	1.00		99.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.934*		mg/Kg	1.00		93.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.870*		mg/Kg	1.00		87.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.979*		mg/Kg	1.00		97.9	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 B105797 - SW-846 3540C											
Matrix Spike (B105797-MS1)		**Source: 14I1180-16**		Prepared: 09/25/14 Analyzed: 09/27/14							
Aroclor-1016	0.28	0.10	mg/Kg	0.250	0.0	112		40-140			
Aroclor-1016 [2C]	0.62	0.10	mg/Kg	0.250	0.0	**248**	*	40-140			MS-21
Aroclor-1260	2.7	0.10	mg/Kg	0.250	0.0	**1060**	*	40-140			MS-21
Aroclor-1260 [2C]	3.1	0.10	mg/Kg	0.250	0.0	**1250**	*	40-140			MS-21
Surrogate: Decachlorobiphenyl	*0.948*		mg/Kg	1.00		94.8		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.889*		mg/Kg	1.00		88.9		30-150			
Surrogate: Tetrachloro-m-xylene	*0.826*		mg/Kg	1.00		82.6		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.939*		mg/Kg	1.00		93.9		30-150			
Matrix Spike Dup (B105797-MSD1)		**Source: 14I1180-16**		Prepared: 09/25/14 Analyzed: 09/27/14							
Aroclor-1016	0.27	0.10	mg/Kg	0.250	0.0	108		40-140	3.96	50	
Aroclor-1016 [2C]	0.59	0.10	mg/Kg	0.250	0.0	**235**	*	40-140	5.43	50	MS-21
Aroclor-1260	2.4	0.10	mg/Kg	0.250	0.0	**968**	*	40-140	9.18	50	MS-21
Aroclor-1260 [2C]	2.9	0.10	mg/Kg	0.250	0.0	**1150**	*	40-140	8.38	50	MS-21
Surrogate: Decachlorobiphenyl	*0.951*		mg/Kg	1.00		95.1		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.896*		mg/Kg	1.00		89.6		30-150			
Surrogate: Tetrachloro-m-xylene	*0.777*		mg/Kg	1.00		77.7		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.882*		mg/Kg	1.00		88.2		30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-01

Lab Sample ID: 14I1180-01

Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.00	0.00	20	
	2	0.00	0.00	0.00	21	2.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-02

Lab Sample ID: 14I1180-02

Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.00	0.00	27	
	2	0.00	0.00	0.00	28	4.4

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-03

Lab Sample ID: 14I1180-03

Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.00	0.00	23	
	2	0.00	0.00	0.00	25	8.8

con-test® ANALYTICAL LABORATORY

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-04

Lab Sample ID: 14I1180-04

Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.00	0.00	15	
	2	0.00	0.00	0.00	15	2.7

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-05

Lab Sample ID: 14I1180-05

Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.00	0.00	7.5	
	2	0.00	0.00	0.00	7.8	4.1

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-06

Lab Sample ID: 14I1180-06

Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.00	0.00	15	
	2	0.00	0.00	0.00	16	5.1

con-test® ANALYTICAL LABORATORY

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-07

Lab Sample ID: 14I1180-07

Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.00	0.00	12	
	2	0.00	0.00	0.00	13	8.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-08

Lab Sample ID: 14I1180-08

Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.00	0.00	20	
	2	0.00	0.00	0.00	21	5.4

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-09

Lab Sample ID: 14I1180-09

Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.00	0.00	47	
	2	0.00	0.00	0.00	50	7.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-10

Lab Sample ID: 14I1180-10

Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.00	0.00	12	
	2	0.00	0.00	0.00	12	0.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-11

Lab Sample ID: 14I1180-11

Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.00	0.00	17	
	2	0.00	0.00	0.00	16	5.5

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-12

Lab Sample ID: 14I1180-12

Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.00	0.00	23	
	2	0.00	0.00	0.00	24	3.8

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-13

Lab Sample ID: 14I1180-13

Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.00	0.00	12	
	2	0.00	0.00	0.00	12	0.8

con-test® ANALYTICAL LABORATORY

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-14

Lab Sample ID: 14I1180-14

Date(s) Analyzed: 09/28/2014 09/28/2014

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	0.00	0.00	17	
	2	0.00	0.00	0.00	17	2.4

con-test® ANALYTICAL LABORATORY

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-15

Lab Sample ID: 14I1180-15

Date(s) Analyzed: 09/28/2014 09/28/2014

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	0.00	0.00	13	
	2	0.00	0.00	0.00	12	7.2

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-16

Lab Sample ID: 14I1180-16 Date(s) Analyzed: 09/28/2014 09/28/2014

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	0.00	0.00	19	
	2	0.00	0.00	0.00	18	2.7

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-17

Lab Sample ID: 14I1180-17

Date(s) Analyzed: 09/28/2014 09/28/2014

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	0.00	0.00	2.6	
	2	0.00	0.00	0.00	2.7	4.9

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-18

Lab Sample ID: 14I1180-18

Date(s) Analyzed: 09/28/2014 09/28/2014

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	0.00	0.00	3.9	
	2	0.00	0.00	0.00	4.1	4.0

con-test® ANALYTICAL LABORATORY
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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-19

Lab Sample ID: 14I1180-19

Date(s) Analyzed: 09/28/2014 09/28/2014

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	0.00	0.00	5.6	
	2	0.00	0.00	0.00	6.0	6.4

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-20

Lab Sample ID: 14I1180-20

Date(s) Analyzed: 09/28/2014 09/28/2014

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	0.00	0.00	5.4	
	2	0.00	0.00	0.00	5.6	4.4

con-test® ANALYTICAL LABORATORY
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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B105797-BS1

Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.24	
	2	0.00	0.00	0.00	0.26	7
Aroclor-1260	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.25	9

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B105797-BSD1 Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.25	
	2	0.00	0.00	0.00	0.26	6
Aroclor-1260	1	0.00	0.00	0.00	0.28	
	2	0.00	0.00	0.00	0.26	7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B105797-MS1 Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.62	76
Aroclor-1260	1	0.00	0.00	0.00	2.7	
	2	0.00	0.00	0.00	3.1	16

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B105797-MSD1 Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.27	
	2	0.00	0.00	0.00	0.59	75
Aroclor-1260	1	0.00	0.00	0.00	2.4	
	2	0.00	0.00	0.00	2.9	18

con-test® ANALYTICAL LABORATORY

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

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	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.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in 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	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

Table of Contents

con-test® ANALYTICAL LABORATORY

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

CHAIN OF CUSTODY RECORD

14I1180

39 Spruce Street
East longmeadow, MA 01028

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

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

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"

ANALYSIS REQUESTED: Soxhlet 8082A

	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	M0924-01	Gym CMU				X			✓			
02	-02								✓			
03	-03								✓			
04	-04								✓			
05	-05								✓			
06	-06								✓			
07	-07								✓			
08	-08								✓			
09	-09								✓			
10	-10								✓			

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

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Relinquished by: (signature)		Date/Time: 9/25
Received by: (signature)	R Jean 9/25/14	Date/Time: 12:40
Relinquished by: (signature)	R Jean 9/25/14	Date/Time: 1615
Received by: (signature)	Never Brown 3.20 9/25/14	Date/Time: 16:15

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 # _____

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene Proficiency Testing

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

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CHAIN OF CUSTODY RECORD

14I1180

39 Spruce Street
East longmeadow, MA 01028

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

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	# of Containers	** Preservation	***Container Code
11	M0924-11	Gym CMU				X			✓			
12	-12								✓			
13	-13								✓			
14	-14								✓			
15	-15								✓			
16	-16								✓			
17	-17								✓			
18	-18								✓			
19	-19	Gym CMU-M							✓			
20	-20								✓			

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

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Relinquished by: (signature) Shirley Owen	Date/Time: 9/25	
Received by: (signature) R Sean 9/25/14	Date/Time: 12:40	
Relinquished by: (signature) R Sean 9/25/14	Date/Time: 16:15	
Received by: (signature) Steven Brown 3.2° 9/25/14	Date/Time: 16:15	

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 # _____

ACCREDITED IN ACCORDANCE with nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene

NELAC & AIHA Certified
WBE/DBE Certified

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

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: AMC Environmental **RECEIVED BY:** KB **DATE:** 9/25/14

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 3.2°

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

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

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

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

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

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	35
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:
Messy page #'s, should be everything

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.	NA	
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.	F	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	F	
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:** 9/25/14

Log-In Technician Initials: KB **Date/Time:** 16:15

Doc #277 Rev. 4 August 2013

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

September 29, 2014

Sandy Owen
AMC Environmental, LLC
PO Box 423
Stratford, CT 06615

Project Location: Osborn School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 14I1181

Enclosed are results of analyses for samples received by the laboratory on September 25, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

Table of Contents

Sample Summary 4

Case Narrative 5

Sample Results 6

14I1181-01 6

14I1181-02 7

14I1181-03 8

14I1181-04 9

14I1181-05 10

14I1181-06 11

14I1181-07 12

14I1181-08 13

14I1181-09 14

14I1181-10 15

14I1181-11 16

14I1181-12 17

14I1181-13 18

14I1181-14 19

14I1181-15 20

Sample Preparation Information 21

QC Data 22

Polychlorinated Biphenyls with 3540 Soxhlet Extraction 22

B105798 22

Dual Column RPD Report 24

Flag/Qualifier Summary 43

Certifications 44

Chain of Custody/Sample Receipt 45

Table of Contents (continued)

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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: Sandy Owen

REPORT DATE: 9/29/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14I1181

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
M0924-21	14I1181-01	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-22	14I1181-02	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-23	14I1181-03	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-24	14I1181-04	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-25	14I1181-05	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-26	14I1181-06	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-27	14I1181-07	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-28	14I1181-08	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-29	14I1181-09	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-30	14I1181-10	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-31	14I1181-11	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-32	14I1181-12	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-33	14I1181-13	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-34	14I1181-14	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-35	14I1181-15	Product/Solid	Gym CMU-M	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-21

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

Analyte & Samples(s) Qualified:

Aroclor-1016
B105798-MS1, B105798-MSD1

Aroclor-1016 [2C]
B105798-MS1, B105798-MSD1

Aroclor-1260
B105798-MS1, B105798-MSD1

Aroclor-1260 [2C]
B105798-MS1, B105798-MSD1

S-12

Surrogate recovery is outside of control limits on confirmatory column, but within control limits on primary column. Data validation is not affected.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl
14I1181-13[M0924-33]

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: Gym CMU-M
Work Order: 14I1181

Date Received: 9/25/2014

Field Sample #: M0924-21
Sampled: 9/25/2014 00:00

Sample ID: 14I1181-01

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	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC
Aroclor-1221 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC
Aroclor-1232 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC
Aroclor-1242 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC
Aroclor-1248 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC
Aroclor-1254 [2]	3.1	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC
Aroclor-1260 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC
Aroclor-1262 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC
Aroclor-1268 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	106	30-150		9/28/14 0:15
Decachlorobiphenyl [2]	102	30-150		9/28/14 0:15
Tetrachloro-m-xylene [1]	102	30-150		9/28/14 0:15
Tetrachloro-m-xylene [2]	102	30-150		9/28/14 0:15

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Project Location: Osborn School
Sample Description: Gym CMU-M
Work Order: 14I1181

Date Received: 9/25/2014

Field Sample #: M0924-22
Sampled: 9/25/2014 00:00

Sample ID: 14I1181-02

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	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC
Aroclor-1221 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC
Aroclor-1232 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC
Aroclor-1242 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC
Aroclor-1248 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC
Aroclor-1254 [2]	14	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC
Aroclor-1260 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC
Aroclor-1262 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC
Aroclor-1268 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	109	30-150		9/28/14 0:28
Decachlorobiphenyl [2]	102	30-150		9/28/14 0:28
Tetrachloro-m-xylene [1]	98.1	30-150		9/28/14 0:28
Tetrachloro-m-xylene [2]	94.8	30-150		9/28/14 0:28

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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: Gym CMU-M
Work Order: 14I1181

Date Received: 9/25/2014

Field Sample #: M0924-23
Sampled: 9/25/2014 00:00

Sample ID: 14I1181-03

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	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC
Aroclor-1221 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC
Aroclor-1232 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC
Aroclor-1242 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC
Aroclor-1248 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC
Aroclor-1254 [2]	3.0	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC
Aroclor-1260 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC
Aroclor-1262 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC
Aroclor-1268 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	104	30-150		9/28/14 0:40
Decachlorobiphenyl [2]	99.9	30-150		9/28/14 0:40
Tetrachloro-m-xylene [1]	101	30-150		9/28/14 0:40
Tetrachloro-m-xylene [2]	102	30-150		9/28/14 0:40

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Project Location: Osborn School
Sample Description: Gym CMU-M
Work Order: 14I1181

Date Received: 9/25/2014

Field Sample #: M0924-24
Sampled: 9/25/2014 00:00

Sample ID: 14I1181-04

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	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC
Aroclor-1221 [1]	ND	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC
Aroclor-1232 [1]	ND	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC
Aroclor-1242 [1]	ND	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC
Aroclor-1248 [1]	ND	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC
Aroclor-1254 [2]	2.2	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC
Aroclor-1260 [1]	ND	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC
Aroclor-1262 [1]	ND	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC
Aroclor-1268 [1]	ND	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	103	30-150		9/28/14 0:53
Decachlorobiphenyl [2]	100	30-150		9/28/14 0:53
Tetrachloro-m-xylene [1]	103	30-150		9/28/14 0:53
Tetrachloro-m-xylene [2]	105	30-150		9/28/14 0:53

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Project Location: Osborn School | Sample Description: Gym CMU-M | Work Order: 14I1181

Date Received: 9/25/2014

Field Sample #: M0924-25 | Sampled: 9/25/2014 00:00

Sample ID: 14I1181-05

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	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC
Aroclor-1221 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC
Aroclor-1232 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC
Aroclor-1242 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC
Aroclor-1248 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC
Aroclor-1254 [2]	3.8	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC
Aroclor-1260 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC
Aroclor-1262 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC
Aroclor-1268 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		9/28/14 1:06
Decachlorobiphenyl [2]	103	30-150		9/28/14 1:06
Tetrachloro-m-xylene [1]	102	30-150		9/28/14 1:06
Tetrachloro-m-xylene [2]	103	30-150		9/28/14 1:06

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Project Location: Osborn School | Sample Description: Gym CMU-M | Work Order: 14I1181

Date Received: 9/25/2014

Field Sample #: M0924-26 | Sampled: 9/25/2014 00:00

Sample ID: 14I1181-06

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	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC
Aroclor-1221 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC
Aroclor-1232 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC
Aroclor-1242 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC
Aroclor-1248 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC
Aroclor-1254 [2]	9.6	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC
Aroclor-1260 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC
Aroclor-1262 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC
Aroclor-1268 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	113	30-150		9/28/14 1:18
Decachlorobiphenyl [2]	106	30-150		9/28/14 1:18
Tetrachloro-m-xylene [1]	103	30-150		9/28/14 1:18
Tetrachloro-m-xylene [2]	100	30-150		9/28/14 1:18

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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: Gym CMU-M | Work Order: 14I1181

Date Received: 9/25/2014

Field Sample #: M0924-27 | Sampled: 9/25/2014 00:00

Sample ID: 14I1181-07

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	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC
Aroclor-1221 [1]	ND	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC
Aroclor-1232 [1]	ND	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC
Aroclor-1242 [1]	ND	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC
Aroclor-1248 [1]	ND	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC
Aroclor-1254 [2]	17	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC
Aroclor-1260 [1]	ND	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC
Aroclor-1262 [1]	ND	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC
Aroclor-1268 [1]	ND	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	109	30-150		9/28/14 1:31
Decachlorobiphenyl [2]	102	30-150		9/28/14 1:31
Tetrachloro-m-xylene [1]	100	30-150		9/28/14 1:31
Tetrachloro-m-xylene [2]	96.5	30-150		9/28/14 1:31

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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: Gym CMU-M | Work Order: 14I1181

Date Received: 9/25/2014

Field Sample #: M0924-28 | Sampled: 9/25/2014 00:00

Sample ID: 14I1181-08

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	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC
Aroclor-1221 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC
Aroclor-1232 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC
Aroclor-1242 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC
Aroclor-1248 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC
Aroclor-1254 [2]	5.0	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC
Aroclor-1260 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC
Aroclor-1262 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC
Aroclor-1268 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	104	30-150		9/29/14 12:34
Decachlorobiphenyl [2]	98.2	30-150		9/29/14 12:34
Tetrachloro-m-xylene [1]	108	30-150		9/29/14 12:34
Tetrachloro-m-xylene [2]	106	30-150		9/29/14 12:34

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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: Gym CMU-M | Work Order: 14I1181

Date Received: 9/25/2014

Field Sample #: M0924-29 | Sampled: 9/25/2014 00:00

Sample ID: 14I1181-09

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	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC
Aroclor-1221 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC
Aroclor-1232 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC
Aroclor-1242 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC
Aroclor-1248 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC
Aroclor-1254 [2]	12	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC
Aroclor-1260 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC
Aroclor-1262 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC
Aroclor-1268 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	111	30-150		9/29/14 12:47
Decachlorobiphenyl [2]	102	30-150		9/29/14 12:47
Tetrachloro-m-xylene [1]	114	30-150		9/29/14 12:47
Tetrachloro-m-xylene [2]	109	30-150		9/29/14 12:47

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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: Gym CMU-M | Work Order: 14I1181

Date Received: 9/25/2014

Field Sample #: M0924-30 | Sampled: 9/25/2014 00:00

Sample ID: 14I1181-10

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	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC
Aroclor-1221 [1]	ND	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC
Aroclor-1232 [1]	ND	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC
Aroclor-1242 [1]	ND	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC
Aroclor-1248 [1]	ND	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC
Aroclor-1254 [2]	7.6	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC
Aroclor-1260 [1]	ND	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC
Aroclor-1262 [1]	ND	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC
Aroclor-1268 [1]	ND	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	111	30-150		9/29/14 12:59
Decachlorobiphenyl [2]	103	30-150		9/29/14 12:59
Tetrachloro-m-xylene [1]	114	30-150		9/29/14 12:59
Tetrachloro-m-xylene [2]	112	30-150		9/29/14 12:59

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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: Gym CMU-M | Work Order: 14I1181

Date Received: 9/25/2014

Field Sample #: M0924-31 | Sampled: 9/25/2014 00:00

Sample ID: 14I1181-11

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	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC
Aroclor-1221 [1]	ND	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC
Aroclor-1232 [1]	ND	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC
Aroclor-1242 [1]	ND	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC
Aroclor-1248 [1]	ND	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC
Aroclor-1254 [2]	5.6	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC
Aroclor-1260 [1]	ND	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC
Aroclor-1262 [1]	ND	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC
Aroclor-1268 [1]	ND	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.1	30-150		9/29/14 13:12
Decachlorobiphenyl [2]	88.1	30-150		9/29/14 13:12
Tetrachloro-m-xylene [1]	94.8	30-150		9/29/14 13:12
Tetrachloro-m-xylene [2]	91.9	30-150		9/29/14 13:12

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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: Gym CMU-M | Work Order: 14I1181

Date Received: 9/25/2014

Field Sample #: M0924-32 | Sampled: 9/25/2014 00:00

Sample ID: 14I1181-12

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	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC
Aroclor-1221 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC
Aroclor-1232 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC
Aroclor-1242 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC
Aroclor-1248 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC
Aroclor-1254 [2]	24	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC
Aroclor-1260 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC
Aroclor-1262 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC
Aroclor-1268 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		9/29/14 13:25
Decachlorobiphenyl [2]	98.0	30-150		9/29/14 13:25
Tetrachloro-m-xylene [1]	99.4	30-150		9/29/14 13:25
Tetrachloro-m-xylene [2]	95.3	30-150		9/29/14 13:25

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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: Gym CMU-M
Work Order: 14I1181

Date Received: 9/25/2014

Field Sample #: M0924-33
Sampled: 9/25/2014 00:00

Sample ID: 14I1181-13

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 [2]	ND	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC
Aroclor-1221 [2]	ND	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC
Aroclor-1232 [2]	ND	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC
Aroclor-1242 [2]	ND	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC
Aroclor-1248 [2]	ND	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC
Aroclor-1254 [2]	16	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC
Aroclor-1260 [2]	ND	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC
Aroclor-1262 [2]	ND	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC
Aroclor-1268 [2]	ND	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	**154**	*	30-150	S-12	9/29/14 13:38
Decachlorobiphenyl [2]	139		30-150		9/29/14 13:38
Tetrachloro-m-xylene [1]	144		30-150		9/29/14 13:38
Tetrachloro-m-xylene [2]	137		30-150		9/29/14 13:38

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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: Gym CMU-M | Work Order: 14I1181

Date Received: 9/25/2014

Field Sample #: M0924-34 | Sampled: 9/25/2014 00:00

Sample ID: 14I1181-14

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	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC
Aroclor-1221 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC
Aroclor-1232 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC
Aroclor-1242 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC
Aroclor-1248 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC
Aroclor-1254 [2]	20	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC
Aroclor-1260 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC
Aroclor-1262 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC
Aroclor-1268 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	127	30-150		9/29/14 13:50
Decachlorobiphenyl [2]	114	30-150		9/29/14 13:50
Tetrachloro-m-xylene [1]	126	30-150		9/29/14 13:50
Tetrachloro-m-xylene [2]	121	30-150		9/29/14 13:50

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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: Gym CMU-M | Work Order: 14I1181

Date Received: 9/25/2014

Field Sample #: M0924-35 | Sampled: 9/25/2014 00:00

Sample ID: 14I1181-15

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	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC
Aroclor-1221 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC
Aroclor-1232 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC
Aroclor-1242 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC
Aroclor-1248 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC
Aroclor-1254 [2]	4.3	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC
Aroclor-1260 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC
Aroclor-1262 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC
Aroclor-1268 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		9/29/14 14:03
Decachlorobiphenyl [2]	99.8	30-150		9/29/14 14:03
Tetrachloro-m-xylene [1]	110	30-150		9/29/14 14:03
Tetrachloro-m-xylene [2]	110	30-150		9/29/14 14:03

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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
14I1181-01 [M0924-21]	B105798	2.01	10.0	09/25/14
14I1181-02 [M0924-22]	B105798	2.02	10.0	09/25/14
14I1181-03 [M0924-23]	B105798	2.02	10.0	09/25/14
14I1181-04 [M0924-24]	B105798	2.02	10.0	09/25/14
14I1181-05 [M0924-25]	B105798	2.00	10.0	09/25/14
14I1181-06 [M0924-26]	B105798	2.02	10.0	09/25/14
14I1181-07 [M0924-27]	B105798	2.04	10.0	09/25/14
14I1181-08 [M0924-28]	B105798	2.04	10.0	09/25/14
14I1181-09 [M0924-29]	B105798	2.02	10.0	09/25/14
14I1181-10 [M0924-30]	B105798	2.02	10.0	09/25/14
14I1181-11 [M0924-31]	B105798	2.06	10.0	09/25/14
14I1181-12 [M0924-32]	B105798	2.02	10.0	09/25/14
14I1181-13 [M0924-33]	B105798	2.06	10.0	09/25/14
14I1181-14 [M0924-34]	B105798	2.07	10.0	09/25/14
14I1181-15 [M0924-35]	B105798	2.00	10.0	09/25/14

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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 B105798 - SW-846 3540C										
Blank (B105798-BLK1)				Prepared: 09/25/14 Analyzed: 09/27/14						
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	*0.999*		mg/Kg	1.00		99.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.06*		mg/Kg	1.00		106	30-150			
Surrogate: Tetrachloro-m-xylene	*0.994*		mg/Kg	1.00		99.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.08*		mg/Kg	1.00		108	30-150			
LCS (B105798-BS1)				Prepared: 09/25/14 Analyzed: 09/27/14						
Aroclor-1016	0.26	0.10	mg/Kg	0.250		104	40-140			
Aroclor-1016 [2C]	0.26	0.10	mg/Kg	0.250		104	40-140			
Aroclor-1260	0.25	0.10	mg/Kg	0.250		99.7	40-140			
Aroclor-1260 [2C]	0.26	0.10	mg/Kg	0.250		105	40-140			
Surrogate: Decachlorobiphenyl	*1.03*		mg/Kg	1.00		103	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.10*		mg/Kg	1.00		110	30-150			
Surrogate: Tetrachloro-m-xylene	*0.996*		mg/Kg	1.00		99.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.08*		mg/Kg	1.00		108	30-150			
LCS Dup (B105798-BSD1)				Prepared: 09/25/14 Analyzed: 09/27/14						
Aroclor-1016	0.25	0.10	mg/Kg	0.250		101	40-140	2.26	30	
Aroclor-1016 [2C]	0.26	0.10	mg/Kg	0.250		104	40-140	0.282	30	
Aroclor-1260	0.24	0.10	mg/Kg	0.250		97.7	40-140	1.96	30	
Aroclor-1260 [2C]	0.25	0.10	mg/Kg	0.250		102	40-140	2.79	30	
Surrogate: Decachlorobiphenyl	*0.971*		mg/Kg	1.00		97.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.03*		mg/Kg	1.00		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.946*		mg/Kg	1.00		94.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.02*		mg/Kg	1.00		102	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 B105798 - SW-846 3540C											
Matrix Spike (B105798-MS1)		**Source: 14I1181-15**		Prepared: 09/25/14 Analyzed: 09/27/14							
Aroclor-1016	0.38	0.10	mg/Kg	0.250	0.0	**152**	*	40-140			MS-21
Aroclor-1016 [2C]	0.45	0.10	mg/Kg	0.250	0.0	**180**	*	40-140			MS-21
Aroclor-1260	1.2	0.10	mg/Kg	0.250	0.0	**468**	*	40-140			MS-21
Aroclor-1260 [2C]	1.1	0.10	mg/Kg	0.250	0.0	**454**	*	40-140			MS-21
Surrogate: Decachlorobiphenyl	*0.961*		mg/Kg	1.00		96.1		30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.05*		mg/Kg	1.00		105		30-150			
Surrogate: Tetrachloro-m-xylene	*0.948*		mg/Kg	1.00		94.8		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.03*		mg/Kg	1.00		103		30-150			
Matrix Spike Dup (B105798-MSD1)		**Source: 14I1181-15**		Prepared: 09/25/14 Analyzed: 09/27/14							
Aroclor-1016	0.38	0.10	mg/Kg	0.249	0.0	**154**	*	40-140	0.448	50	MS-21
Aroclor-1016 [2C]	0.46	0.10	mg/Kg	0.249	0.0	**184**	*	40-140	1.34	50	MS-21
Aroclor-1260	1.2	0.10	mg/Kg	0.249	0.0	**467**	*	40-140	0.619	50	MS-21
Aroclor-1260 [2C]	1.1	0.10	mg/Kg	0.249	0.0	**450**	*	40-140	1.34	50	MS-21
Surrogate: Decachlorobiphenyl	*0.930*		mg/Kg	0.995		93.4		30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.01*		mg/Kg	0.995		101		30-150			
Surrogate: Tetrachloro-m-xylene	*0.908*		mg/Kg	0.995		91.3		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.985*		mg/Kg	0.995		98.9		30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-21

Lab Sample ID: 14I1181-01

Date(s) Analyzed: 09/28/2014 09/28/2014

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	0.00	0.00	2.9	
	2	0.00	0.00	0.00	3.1	8.4

con-test® ANALYTICAL LABORATORY
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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-22

Lab Sample ID: 14I1181-02

Date(s) Analyzed: 09/28/2014 09/28/2014

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	0.00	0.00	13	
	2	0.00	0.00	0.00	14	5.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-23

Lab Sample ID: 14I1181-03

Date(s) Analyzed: 09/28/2014 09/28/2014

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	0.00	0.00	2.8	
	2	0.00	0.00	0.00	3.0	6.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-24

Lab Sample ID: 14I1181-04

Date(s) Analyzed: 09/28/2014 09/28/2014

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	0.00	0.00	2.0	
	2	0.00	0.00	0.00	2.2	7.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-25

Lab Sample ID: 14I1181-05

Date(s) Analyzed: 09/28/2014 09/28/2014

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	0.00	0.00	3.5	
	2	0.00	0.00	0.00	3.8	7.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-26

Lab Sample ID: 14I1181-06

Date(s) Analyzed: 09/28/2014 09/28/2014

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	0.00	0.00	8.9	
	2	0.00	0.00	0.00	9.6	7.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-27

Lab Sample ID: 14I1181-07

Date(s) Analyzed: 09/28/2014 09/28/2014

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	0.00	0.00	15	
	2	0.00	0.00	0.00	17	9.2

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-28

Lab Sample ID: 14I1181-08

Date(s) Analyzed: 09/29/2014 09/29/2014

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	0.00	0.00	4.7	
	2	0.00	0.00	0.00	5.0	5.8

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-29

Lab Sample ID: 14I1181-09 Date(s) Analyzed: 09/29/2014 09/29/2014

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	0.00	0.00	12	
	2	0.00	0.00	0.00	12	3.4

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-30

Lab Sample ID: 14I1181-10

Date(s) Analyzed: 09/29/2014 09/29/2014

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	0.00	0.00	7.1	
	2	0.00	0.00	0.00	7.6	6.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-31

Lab Sample ID: 14I1181-11

Date(s) Analyzed: 09/29/2014 09/29/2014

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	0.00	0.00	5.3	
	2	0.00	0.00	0.00	5.6	5.5

con-test® ANALYTICAL LABORATORY
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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-32

Lab Sample ID: 14I1181-12

Date(s) Analyzed: 09/29/2014 09/29/2014

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	0.00	0.00	22	
	2	0.00	0.00	0.00	24	7.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-33

Lab Sample ID: 14I1181-13

Date(s) Analyzed: 09/29/2014 09/29/2014

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	0.00	0.00	16	
	2	0.00	0.00	0.00	16	2.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-34

Lab Sample ID: 14I1181-14

Date(s) Analyzed: 09/29/2014 09/29/2014

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	0.00	0.00	19	
	2	0.00	0.00	0.00	20	6.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-35

Lab Sample ID: 14I1181-15

Date(s) Analyzed: 09/29/2014 09/29/2014

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	0.00	0.00	4.1	
	2	0.00	0.00	0.00	4.3	5.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B105798-BS1 Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.26	
	2	0.00	0.00	0.00	0.26	0
Aroclor-1260	1	0.00	0.00	0.00	0.25	
	2	0.00	0.00	0.00	0.26	4

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B105798-BSD1 Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.25	
	2	0.00	0.00	0.00	0.26	2
Aroclor-1260	1	0.00	0.00	0.00	0.24	
	2	0.00	0.00	0.00	0.25	2

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B105798-MS1 Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.38	
	2	0.00	0.00	0.00	0.45	17
Aroclor-1260	1	0.00	0.00	0.00	1.2	
	2	0.00	0.00	0.00	1.1	6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B105798-MSD1 Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.38	
	2	0.00	0.00	0.00	0.46	19
Aroclor-1260	1	0.00	0.00	0.00	1.2	
	2	0.00	0.00	0.00	1.1	5

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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.
S-12	Surrogate recovery is outside of control limits on confirmatory column, but within control limits on primary column. Data validation is not affected.

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA,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	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

Table of Contents

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Phone: 413-525-2332
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www.contestlabs.com

CHAIN OF CUSTODY RECORD

14I1181

39 Spruce Street
East longmeadow, MA 01028

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

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

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"

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 M0924-21	Gym CMU-M				X			✓
02 -22								✓
03 -23								✓
04 -24								✓
05 -25								✓
06 -26								✓
07 -27								✓
08 -28								✓
09 -29								✓
10 -30								✓

# 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

Relinquished by: (signature) Lindy Owen	Date/Time: 9/25	
Received by: (signature) R Jean 9/25/14	Date/Time: 12:40	
Relinquished by: (signature) R Jean 9/25/14	Date/Time: 16:15	
Received by: (signature) Steve Brown 3.2° 9/25/14	Date/Time: 16:15	

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 # _____

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene

NELAC & AIHA Certified
WBE/DBE Certified

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

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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CHAIN OF CUSTODY RECORD

14I1181

39 Spruce Street
East longmeadow, MA 01028

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

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

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"

ANALYSIS REQUESTED

	Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection: Beginning Date/Time	Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Soxhlet 8082A										# of Containers	** Preservation	***Container Code
11	M0924 -31	Gym CMU-M				X			✓												
12	-32								✓												
13	-33								✓												
14	-34								✓												
15	-35								✓												
									✓												
									✓												
									✓												
									✓												
									✓												

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

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Relinquished by: (signature) [signature]	Date/Time: 9/25	
Received by: (signature) R Jean 9/25/14	Date/Time: 12:40	
Relinquished by: (signature) R Jean 9/25/14	Date/Time: 16:15	
Received/by: (signature) Steven Bra 3.2° 9/25/14	Date/Time: 16:15	

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 # _____

ACCREDITED IN ACCORDANCE #1TH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene

NELAC & AIHA Certified
WBE/DBE Certified

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

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: AMC Environmental RECEIVED BY: KB DATE: 9/25/14

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 32°

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

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

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

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

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

Containers received at Con-Test

	# of containers			# of containers
1 Liter Amber			8 oz amber/clear jar	
500 mL Amber			4 oz amber/clear jar	
250 mL Amber (8oz amber)			2 oz amber/clear jar	35
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	
Coliform / bacteria bottle			Flashpoint bottle	
Dissolved Oxygen bottle			Other glass jar	
Encore			Other	

Laboratory Comments:

Messy page #'s, should be everything

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.	NA	
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.	F	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	F	
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:** 9/25/14

Log-In Technician Initials: KB **Date/Time:** 16:15

Doc #277 Rev. 4 August 2013

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

October 16, 2014

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

Project Location: Osborn
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 14J0667

Enclosed are results of analyses for samples received by the laboratory on October 14, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

Table of Contents

Sample Summary 3

Case Narrative 4

Sample Results 5

14J0667-01 5

14J0667-02 6

14J0667-03 7

14J0667-04 8

14J0667-05 9

Sample Preparation Information 10

QC Data 11

Polychlorinated Biphenyls with 3540 Soxhlet Extraction 11

B107218 11

Dual Column RPD Report 12

Flag/Qualifier Summary 19

Certifications 20

Chain of Custody/Sample Receipt 21

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

REPORT DATE: 10/16/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14J0667

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

PROJECT LOCATION: Osborn

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
C1014-01	14J0667-01	Concrete	Gymnasium CMU	SW-846 8082A	
C1014-02	14J0667-02	Concrete	Gymnasium CMU	SW-846 8082A	
C1014-03	14J0667-03	Concrete	Gymnasium CMU	SW-846 8082A	
C1014-04	14J0667-04	Concrete	Gymnasium CMU-M	SW-846 8082A	
C1014-05	14J0667-05	Concrete	Gymnasium CMU-M	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.

Daren J. Damboragian
Laboratory Manager

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

Project Location: Osborn
Sample Description: Gymnasium CMU
Work Order: 14J0667
Date Received: 10/14/2014
Field Sample #: C1014-01
Sampled: 10/14/2014 00:00
Sample ID: 14J0667-01
Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:03	KAL
Aroclor-1221 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:03	KAL
Aroclor-1232 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:03	KAL
Aroclor-1242 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:03	KAL
Aroclor-1248 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:03	KAL
Aroclor-1254 [2]	8.3	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:03	KAL
Aroclor-1260 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:03	KAL
Aroclor-1262 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:03	KAL
Aroclor-1268 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:03	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.3	30-150		10/16/14 10:03
Decachlorobiphenyl [2]	94.9	30-150		10/16/14 10:03
Tetrachloro-m-xylene [1]	104	30-150		10/16/14 10:03
Tetrachloro-m-xylene [2]	97.4	30-150		10/16/14 10:03

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

Project Location: Osborn
Sample Description: Gymnasium CMU
Work Order: 14J0667
Date Received: 10/14/2014
Field Sample #: C1014-02
Sampled: 10/14/2014 00:00
Sample ID: 14J0667-02
Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:15	KAL
Aroclor-1221 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:15	KAL
Aroclor-1232 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:15	KAL
Aroclor-1242 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:15	KAL
Aroclor-1248 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:15	KAL
Aroclor-1254 [2]	14	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:15	KAL
Aroclor-1260 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:15	KAL
Aroclor-1262 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:15	KAL
Aroclor-1268 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:15	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	91.4	30-150		10/16/14 10:15
Decachlorobiphenyl [2]	93.2	30-150		10/16/14 10:15
Tetrachloro-m-xylene [1]	102	30-150		10/16/14 10:15
Tetrachloro-m-xylene [2]	94.0	30-150		10/16/14 10:15

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Project Location: Osborn
Sample Description: Gymnasium CMU
Work Order: 14J0667
Date Received: 10/14/2014
Field Sample #: C1014-03
Sampled: 10/14/2014 00:00
Sample ID: 14J0667-03
Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:28	KAL
Aroclor-1221 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:28	KAL
Aroclor-1232 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:28	KAL
Aroclor-1242 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:28	KAL
Aroclor-1248 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:28	KAL
Aroclor-1254 [2]	7.1	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:28	KAL
Aroclor-1260 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:28	KAL
Aroclor-1262 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:28	KAL
Aroclor-1268 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:28	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.1	30-150		10/16/14 10:28
Decachlorobiphenyl [2]	89.8	30-150		10/16/14 10:28
Tetrachloro-m-xylene [1]	99.2	30-150		10/16/14 10:28
Tetrachloro-m-xylene [2]	97.4	30-150		10/16/14 10:28

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Project Location: Osborn
Sample Description: Gymnasium CMU-M
Work Order: 14J0667
Date Received: 10/14/2014
Field Sample #: C1014-04
Sampled: 10/14/2014 00:00
Sample ID: 14J0667-04
Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:40	KAL
Aroclor-1221 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:40	KAL
Aroclor-1232 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:40	KAL
Aroclor-1242 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:40	KAL
Aroclor-1248 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:40	KAL
Aroclor-1254 [2]	14	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:40	KAL
Aroclor-1260 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:40	KAL
Aroclor-1262 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:40	KAL
Aroclor-1268 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	10/14/14	10/16/14 10:40	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	97.4	30-150		10/16/14 10:40
Decachlorobiphenyl [2]	94.4	30-150		10/16/14 10:40
Tetrachloro-m-xylene [1]	107	30-150		10/16/14 10:40
Tetrachloro-m-xylene [2]	98.3	30-150		10/16/14 10:40

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

Project Location: Osborn
Sample Description: Gymnasium CMU-M
Work Order: 14J0667
Date Received: 10/14/2014
Field Sample #: C1014-05
Sampled: 10/14/2014 00:00
Sample ID: 14J0667-05
Sample Matrix: Concrete

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.91	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:53	KAL
Aroclor-1221 [1]	ND	0.91	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:53	KAL
Aroclor-1232 [1]	ND	0.91	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:53	KAL
Aroclor-1242 [1]	ND	0.91	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:53	KAL
Aroclor-1248 [1]	ND	0.91	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:53	KAL
Aroclor-1254 [2]	4.2	0.91	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:53	KAL
Aroclor-1260 [1]	ND	0.91	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:53	KAL
Aroclor-1262 [1]	ND	0.91	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:53	KAL
Aroclor-1268 [1]	ND	0.91	mg/Kg	10		SW-846 8082A	10/14/14	10/16/14 10:53	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.2	30-150		10/16/14 10:53
Decachlorobiphenyl [2]	100	30-150		10/16/14 10:53
Tetrachloro-m-xylene [1]	110	30-150		10/16/14 10:53
Tetrachloro-m-xylene [2]	104	30-150		10/16/14 10:53

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

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
14J0667-01 [C1014-01]	B107218	2.01	10.0	10/14/14
14J0667-02 [C1014-02]	B107218	1.99	10.0	10/14/14
14J0667-03 [C1014-03]	B107218	2.01	10.0	10/14/14
14J0667-04 [C1014-04]	B107218	2.05	10.0	10/14/14
14J0667-05 [C1014-05]	B107218	2.20	10.0	10/14/14

con-test® ANALYTICAL LABORATORY

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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 B107218 - SW-846 3540C										
Blank (B107218-BLK1)				Prepared: 10/14/14 Analyzed: 10/15/14						
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	*0.975*		mg/Kg	1.00		97.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.01*		mg/Kg	1.00		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.979*		mg/Kg	1.00		97.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.01*		mg/Kg	1.00		101	30-150			
LCS (B107218-BS1)				Prepared: 10/14/14 Analyzed: 10/15/14						
Aroclor-1016	0.28	0.10	mg/Kg	0.250		111	40-140			
Aroclor-1016 [2C]	0.28	0.10	mg/Kg	0.250		113	40-140			
Aroclor-1260	0.26	0.10	mg/Kg	0.250		105	40-140			
Aroclor-1260 [2C]	0.26	0.10	mg/Kg	0.250		106	40-140			
Surrogate: Decachlorobiphenyl	*0.920*		mg/Kg	1.00		92.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.848*		mg/Kg	1.00		84.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.871*		mg/Kg	1.00		87.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.943*		mg/Kg	1.00		94.3	30-150			
LCS Dup (B107218-BSD1)				Prepared: 10/14/14 Analyzed: 10/15/14						
Aroclor-1016	0.29	0.10	mg/Kg	0.250		116	40-140	4.80	30	
Aroclor-1016 [2C]	0.29	0.10	mg/Kg	0.250		117	40-140	3.34	30	
Aroclor-1260	0.27	0.10	mg/Kg	0.250		108	40-140	3.03	30	
Aroclor-1260 [2C]	0.28	0.10	mg/Kg	0.250		112	40-140	6.04	30	
Surrogate: Decachlorobiphenyl	*0.935*		mg/Kg	1.00		93.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.01*		mg/Kg	1.00		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.937*		mg/Kg	1.00		93.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.970*		mg/Kg	1.00		97.0	30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1014-01

Lab Sample ID: 14J0667-01 Date(s) Analyzed: 10/16/2014 10/16/2014

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	0.00	0.00	8.2	
	2	0.00	0.00	0.00	8.3	1.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1014-02

Lab Sample ID: 14J0667-02

Date(s) Analyzed: 10/16/2014 10/16/2014

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	0.00	0.00	13	
	2	0.00	0.00	0.00	14	3.6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1014-03

Lab Sample ID: 14J0667-03 Date(s) Analyzed: 10/16/2014 10/16/2014

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	0.00	0.00	7.0	
	2	0.00	0.00	0.00	7.1	1.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1014-04

Lab Sample ID: 14J0667-04 Date(s) Analyzed: 10/16/2014 10/16/2014

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	0.00	0.00	14	
	2	0.00	0.00	0.00	14	2.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1014-05

Lab Sample ID: 14J0667-05

Date(s) Analyzed: 10/16/2014 10/16/2014

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	0.00	0.00	4.1	
	2	0.00	0.00	0.00	4.2	2.4

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B107218-BS1

Date(s) Analyzed: 10/15/2014 10/15/2014

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	0.28	1
Aroclor-1260	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.26	1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B107218-BSD1 Date(s) Analyzed: 10/15/2014 10/15/2014

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	0.29	
	2	0.00	0.00	0.00	0.29	0
Aroclor-1260	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.28	3

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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	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

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CHAIN OF CUSTODY RECORD

39 Spruce Street
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Page 1 of 1

14J06667

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

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

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"

ANALYSIS REQUESTED: Soxhlet 8082A

	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	C1014-01	Gymnasium CMU		10/14/14		✓			✓			
02	-02	CMU				✓			✓			
03	-03	CMU				✓			✓			
04	-04	CMU-M				✓			✓			
05	-05	CMU-M				✓			✓			
									✓			
									✓			
									✓			
									✓			
									✓			

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: 10/14/14
Received by: (signature) Paul Racuit	10/14/14	Date/Time: 13:00
Relinquished by: (signature) Paul Racuit	10/14/14	Date/Time: 15:55
Received by: (signature) Kerry McKee	4.9°C 10/14/14	Date/Time: 15:55

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

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

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

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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

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Sample Receipt Checklist

CLIENT NAME: AMC Env. **RECEIVED BY:** KKM **DATE:** 10/14/14

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 4.9

5) **Are there Dissolved samples for the lab to filter?** **Yes** **No**
   Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** **Yes** **No**
   Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** 19

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

8) **Do all samples have the proper Acid pH:** **Yes** **No** **N/A** _____
9) **Do all samples have the proper Base pH:** **Yes** **No** **N/A** _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** **Yes** **No** **N/A**

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	5
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:

Doc# 277
Rev. 4 August 2013

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.	NA	
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.	NA	
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:** KKm **Date/Time:** 10/14/14 15:55

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November 18, 2014

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

Project Location: Osborn
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 14K0678

Enclosed are results of analyses for samples received by the laboratory on November 14, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

Table of Contents

Sample Summary 4

Case Narrative 5

Sample Results 6

14K0678-01 6

14K0678-02 7

14K0678-03 8

14K0678-04 9

14K0678-05 10

14K0678-06 11

14K0678-07 12

14K0678-08 13

14K0678-09 14

14K0678-10 15

14K0678-11 16

14K0678-12 17

14K0678-13 18

14K0678-14 19

14K0678-15 20

14K0678-16 21

14K0678-17 22

14K0678-18 23

14K0678-19 24

14K0678-20 25

Sample Preparation Information 26

QC Data 27

Polychlorinated Biphenyls with 3540 Soxhlet Extraction 27

Table of Contents (continued)

B109801	27
Dual Column RPD Report	29
Flag/Qualifier Summary	53
Certifications	54
Chain of Custody/Sample Receipt	55

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

REPORT DATE: 11/18/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14K0678

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

PROJECT LOCATION: Osborn

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
C1113-01	14K0678-01	Product/Solid	Gym Floor	SW-846 8082A	
C1113-02	14K0678-02	Product/Solid	Gym Floor	SW-846 8082A	
C1113-03	14K0678-03	Product/Solid	Gym Floor	SW-846 8082A	
C1113-04	14K0678-04	Product/Solid	Gym Floor	SW-846 8082A	
C1113-05	14K0678-05	Product/Solid	Gym Floor	SW-846 8082A	
C1113-06	14K0678-06	Product/Solid	Gym Floor	SW-846 8082A	
C1113-07	14K0678-07	Product/Solid	Gym Floor	SW-846 8082A	
C1113-08	14K0678-08	Product/Solid	Gym Floor	SW-846 8082A	
C1113-09	14K0678-09	Product/Solid	Gym Floor	SW-846 8082A	
C1113-10	14K0678-10	Product/Solid	Gym Floor	SW-846 8082A	
C1113-11	14K0678-11	Product/Solid	Gym Floor	SW-846 8082A	
C1113-12	14K0678-12	Product/Solid	Gym Floor	SW-846 8082A	
C1113-13	14K0678-13	Product/Solid	Gym Floor	SW-846 8082A	
C1113-14	14K0678-14	Product/Solid	Gym Floor	SW-846 8082A	
C1113-15	14K0678-15	Product/Solid	Gym Floor	SW-846 8082A	
C1113-16	14K0678-16	Product/Solid	Gym Floor	SW-846 8082A	
C1113-17	14K0678-17	Product/Solid	Gym Floor	SW-846 8082A	
C1113-18	14K0678-18	Product/Solid	Gym Floor	SW-846 8082A	
C1113-19	14K0678-19	Product/Solid	Gym Floor	SW-846 8082A	
C1113-20	14K0678-20	Product/Solid	Gym Floor	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-21

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

Analyte & Samples(s) Qualified:

Aroclor-1016
B109801-MS1, B109801-MSD1

Aroclor-1016 [2C]
B109801-MS1, B109801-MSD1

Aroclor-1260
B109801-MS1, B109801-MSD1

Aroclor-1260 [2C]
B109801-MS1, B109801-MSD1

O-03

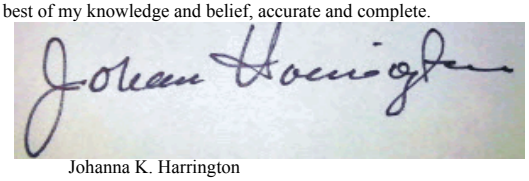
Sample contains two incompletely resolved aroclors. Aroclor with the closest matching pattern is reported.

Analyte & Samples(s) Qualified:

Aroclor-1254
14K0678-10[C1113-10]

Aroclor-1254 [2C]
14K0678-10[C1113-10]

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 | Sample Description: Gym Floor | Work Order: 14K0678

Date Received: 11/14/2014

Field Sample #: C1113-01 | Sampled: 11/13/2014 00:00

Sample ID: 14K0678-01

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	0.10	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:16	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:16	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:16	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:16	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:16	MJC
Aroclor-1254 [2]	0.22	0.10	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:16	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:16	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:16	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:16	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	81.2	30-150		11/17/14 16:16
Decachlorobiphenyl [2]	79.3	30-150		11/17/14 16:16
Tetrachloro-m-xylene [1]	78.1	30-150		11/17/14 16:16
Tetrachloro-m-xylene [2]	84.7	30-150		11/17/14 16:16

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Project Location: Osborn | Sample Description: Gym Floor | Work Order: 14K0678

Date Received: 11/14/2014

Field Sample #: C1113-02 | Sampled: 11/13/2014 00:00

Sample ID: 14K0678-02

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	0.14	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:28	MJC
Aroclor-1221 [1]	ND	0.14	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:28	MJC
Aroclor-1232 [1]	ND	0.14	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:28	MJC
Aroclor-1242 [1]	ND	0.14	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:28	MJC
Aroclor-1248 [1]	ND	0.14	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:28	MJC
Aroclor-1254 [2]	0.33	0.14	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:28	MJC
Aroclor-1260 [1]	ND	0.14	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:28	MJC
Aroclor-1262 [1]	ND	0.14	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:28	MJC
Aroclor-1268 [1]	ND	0.14	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:28	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	85.1	30-150		11/17/14 16:28
Decachlorobiphenyl [2]	83.7	30-150		11/17/14 16:28
Tetrachloro-m-xylene [1]	80.7	30-150		11/17/14 16:28
Tetrachloro-m-xylene [2]	88.2	30-150		11/17/14 16:28

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

Project Location: Osborn
Sample Description: Gym Floor
Work Order: 14K0678
Date Received: 11/14/2014
Field Sample #: C1113-03
Sampled: 11/13/2014 00:00
Sample ID: 14K0678-03
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	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:41	MJC
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:41	MJC
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:41	MJC
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:41	MJC
Aroclor-1248 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:41	MJC
Aroclor-1254 [2]	0.25	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:41	MJC
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:41	MJC
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:41	MJC
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:41	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	80.0	30-150		11/17/14 16:41
Decachlorobiphenyl [2]	78.9	30-150		11/17/14 16:41
Tetrachloro-m-xylene [1]	79.6	30-150		11/17/14 16:41
Tetrachloro-m-xylene [2]	86.3	30-150		11/17/14 16:41

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

Project Location: Osborn | Sample Description: Gym Floor | Work Order: 14K0678

Date Received: 11/14/2014

Field Sample #: C1113-04 | Sampled: 11/13/2014 00:00

Sample ID: 14K0678-04

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	0.13	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:53	MJC
Aroclor-1221 [1]	ND	0.13	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:53	MJC
Aroclor-1232 [1]	ND	0.13	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:53	MJC
Aroclor-1242 [1]	ND	0.13	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:53	MJC
Aroclor-1248 [1]	ND	0.13	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:53	MJC
Aroclor-1254 [2]	1.3	0.13	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:53	MJC
Aroclor-1260 [1]	ND	0.13	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:53	MJC
Aroclor-1262 [1]	ND	0.13	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:53	MJC
Aroclor-1268 [1]	ND	0.13	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 16:53	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	91.1	30-150		11/17/14 16:53
Decachlorobiphenyl [2]	90.1	30-150		11/17/14 16:53
Tetrachloro-m-xylene [1]	85.6	30-150		11/17/14 16:53
Tetrachloro-m-xylene [2]	93.8	30-150		11/17/14 16:53

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

Project Location: Osborn | Sample Description: Gym Floor | Work Order: 14K0678

Date Received: 11/14/2014

Field Sample #: C1113-05 | Sampled: 11/13/2014 00:00

Sample ID: 14K0678-05

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	2		SW-846 8082A	11/14/14	11/18/14 10:05	KAL
Aroclor-1221 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:05	KAL
Aroclor-1232 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:05	KAL
Aroclor-1242 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:05	KAL
Aroclor-1248 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:05	KAL
Aroclor-1254 [1]	0.85	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:05	KAL
Aroclor-1260 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:05	KAL
Aroclor-1262 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:05	KAL
Aroclor-1268 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:05	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	64.7	30-150		11/18/14 10:05
Decachlorobiphenyl [2]	58.5	30-150		11/18/14 10:05
Tetrachloro-m-xylene [1]	72.4	30-150		11/18/14 10:05
Tetrachloro-m-xylene [2]	74.2	30-150		11/18/14 10:05

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

Project Location: Osborn
Sample Description: Gym Floor
Work Order: 14K0678
Date Received: 11/14/2014
Field Sample #: C1113-06
Sampled: 11/13/2014 00:00
Sample ID: 14K0678-06
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	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:17	KAL
Aroclor-1221 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:17	KAL
Aroclor-1232 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:17	KAL
Aroclor-1242 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:17	KAL
Aroclor-1248 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:17	KAL
Aroclor-1254 [2]	1.5	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:17	KAL
Aroclor-1260 [2]	0.30	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:17	KAL
Aroclor-1262 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:17	KAL
Aroclor-1268 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:17	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	83.2	30-150		11/18/14 10:17
Decachlorobiphenyl [2]	77.7	30-150		11/18/14 10:17
Tetrachloro-m-xylene [1]	79.4	30-150		11/18/14 10:17
Tetrachloro-m-xylene [2]	83.1	30-150		11/18/14 10:17

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

Project Location: Osborn
Sample Description: Gym Floor
Work Order: 14K0678
Date Received: 11/14/2014
Field Sample #: C1113-07
Sampled: 11/13/2014 00:00
Sample ID: 14K0678-07
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	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:29	KAL
Aroclor-1221 [1]	ND	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:29	KAL
Aroclor-1232 [1]	ND	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:29	KAL
Aroclor-1242 [1]	ND	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:29	KAL
Aroclor-1248 [1]	ND	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:29	KAL
Aroclor-1254 [2]	3.2	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:29	KAL
Aroclor-1260 [2]	0.50	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:29	KAL
Aroclor-1262 [1]	ND	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:29	KAL
Aroclor-1268 [1]	ND	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:29	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.3	30-150		11/18/14 10:29
Decachlorobiphenyl [2]	87.2	30-150		11/18/14 10:29
Tetrachloro-m-xylene [1]	90.4	30-150		11/18/14 10:29
Tetrachloro-m-xylene [2]	91.6	30-150		11/18/14 10:29

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

Project Location: Osborn | Sample Description: Gym Floor | Work Order: 14K0678

Date Received: 11/14/2014

Field Sample #: C1113-08 | Sampled: 11/13/2014 00:00

Sample ID: 14K0678-08

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	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:42	KAL
Aroclor-1221 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:42	KAL
Aroclor-1232 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:42	KAL
Aroclor-1242 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:42	KAL
Aroclor-1248 [2]	1.0	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:42	KAL
Aroclor-1254 [2]	2.3	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:42	KAL
Aroclor-1260 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:42	KAL
Aroclor-1262 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:42	KAL
Aroclor-1268 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:42	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.2	30-150		11/18/14 10:42
Decachlorobiphenyl [2]	84.9	30-150		11/18/14 10:42
Tetrachloro-m-xylene [1]	87.0	30-150		11/18/14 10:42
Tetrachloro-m-xylene [2]	87.9	30-150		11/18/14 10:42

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

Project Location: Osborn
Sample Description: Gym Floor
Work Order: 14K0678
Date Received: 11/14/2014
Field Sample #: C1113-09
Sampled: 11/13/2014 00:00
Sample ID: 14K0678-09
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	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:54	KAL
Aroclor-1221 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:54	KAL
Aroclor-1232 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:54	KAL
Aroclor-1242 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:54	KAL
Aroclor-1248 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:54	KAL
Aroclor-1254 [2]	1.3	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:54	KAL
Aroclor-1260 [2]	0.28	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:54	KAL
Aroclor-1262 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:54	KAL
Aroclor-1268 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:54	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.0	30-150		11/18/14 10:54
Decachlorobiphenyl [2]	88.1	30-150		11/18/14 10:54
Tetrachloro-m-xylene [1]	91.5	30-150		11/18/14 10:54
Tetrachloro-m-xylene [2]	95.9	30-150		11/18/14 10:54

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

Project Location: Osborn | Sample Description: Gym Floor | Work Order: 14K0678

Date Received: 11/14/2014

Field Sample #: C1113-10 | Sampled: 11/13/2014 00:00

Sample ID: 14K0678-10

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	0.51	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:06	KAL
Aroclor-1221 [1]	ND	0.51	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:06	KAL
Aroclor-1232 [1]	ND	0.51	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:06	KAL
Aroclor-1242 [1]	ND	0.51	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:06	KAL
Aroclor-1248 [1]	ND	0.51	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:06	KAL
Aroclor-1254 [2]	3.1	0.51	mg/Kg	5	O-03	SW-846 8082A	11/14/14	11/18/14 11:06	KAL
Aroclor-1260 [1]	ND	0.51	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:06	KAL
Aroclor-1262 [1]	ND	0.51	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:06	KAL
Aroclor-1268 [1]	ND	0.51	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:06	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		11/18/14 11:06
Decachlorobiphenyl [2]	91.8	30-150		11/18/14 11:06
Tetrachloro-m-xylene [1]	92.9	30-150		11/18/14 11:06
Tetrachloro-m-xylene [2]	94.1	30-150		11/18/14 11:06

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

Project Location: Osborn | Sample Description: Gym Floor | Work Order: 14K0678

Date Received: 11/14/2014

Field Sample #: C1113-11 | Sampled: 11/13/2014 00:00

Sample ID: 14K0678-11

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	0.51	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:19	KAL
Aroclor-1221 [1]	ND	0.51	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:19	KAL
Aroclor-1232 [1]	ND	0.51	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:19	KAL
Aroclor-1242 [1]	ND	0.51	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:19	KAL
Aroclor-1248 [2]	1.3	0.51	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:19	KAL
Aroclor-1254 [2]	2.7	0.51	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:19	KAL
Aroclor-1260 [1]	ND	0.51	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:19	KAL
Aroclor-1262 [1]	ND	0.51	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:19	KAL
Aroclor-1268 [1]	ND	0.51	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:19	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.8	30-150		11/18/14 11:19
Decachlorobiphenyl [2]	88.1	30-150		11/18/14 11:19
Tetrachloro-m-xylene [1]	90.4	30-150		11/18/14 11:19
Tetrachloro-m-xylene [2]	91.4	30-150		11/18/14 11:19

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

Project Location: Osborn
Sample Description: Gym Floor
Work Order: 14K0678
Date Received: 11/14/2014
Field Sample #: C1113-12
Sampled: 11/13/2014 00:00
Sample ID: 14K0678-12
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	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:27	JMB
Aroclor-1221 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:27	JMB
Aroclor-1232 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:27	JMB
Aroclor-1242 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:27	JMB
Aroclor-1248 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:27	JMB
Aroclor-1254 [2]	3.0	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:27	JMB
Aroclor-1260 [2]	0.86	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:27	JMB
Aroclor-1262 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:27	JMB
Aroclor-1268 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 10:27	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.7	30-150		11/18/14 10:27
Decachlorobiphenyl [2]	107	30-150		11/18/14 10:27
Tetrachloro-m-xylene [1]	104	30-150		11/18/14 10:27
Tetrachloro-m-xylene [2]	94.6	30-150		11/18/14 10:27

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn | Sample Description: Gym Floor | Work Order: 14K0678

Date Received: 11/14/2014

Field Sample #: C1113-13 | Sampled: 11/13/2014 00:00

Sample ID: 14K0678-13

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	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:40	JMB
Aroclor-1221 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:40	JMB
Aroclor-1232 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:40	JMB
Aroclor-1242 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:40	JMB
Aroclor-1248 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:40	JMB
Aroclor-1254 [1]	1.3	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:40	JMB
Aroclor-1260 [2]	0.26	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:40	JMB
Aroclor-1262 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:40	JMB
Aroclor-1268 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:40	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.8	30-150		11/18/14 10:40
Decachlorobiphenyl [2]	88.4	30-150		11/18/14 10:40
Tetrachloro-m-xylene [1]	51.3	30-150		11/18/14 10:40
Tetrachloro-m-xylene [2]	45.9	30-150		11/18/14 10:40

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

Project Location: Osborn
Sample Description: Gym Floor
Work Order: 14K0678
Date Received: 11/14/2014
Field Sample #: C1113-14
Sampled: 11/13/2014 00:00
Sample ID: 14K0678-14
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	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:53	JMB
Aroclor-1221 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:53	JMB
Aroclor-1232 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:53	JMB
Aroclor-1242 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:53	JMB
Aroclor-1248 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:53	JMB
Aroclor-1254 [1]	1.3	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:53	JMB
Aroclor-1260 [2]	0.27	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:53	JMB
Aroclor-1262 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:53	JMB
Aroclor-1268 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 10:53	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		11/18/14 10:53
Decachlorobiphenyl [2]	114	30-150		11/18/14 10:53
Tetrachloro-m-xylene [1]	109	30-150		11/18/14 10:53
Tetrachloro-m-xylene [2]	93.2	30-150		11/18/14 10:53

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn | Sample Description: Gym Floor | Work Order: 14K0678

Date Received: 11/14/2014

Field Sample #: C1113-15 | Sampled: 11/13/2014 00:00

Sample ID: 14K0678-15

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	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 19:34	MJC
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 19:34	MJC
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 19:34	MJC
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 19:34	MJC
Aroclor-1248 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 19:34	MJC
Aroclor-1254 [2]	0.57	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 19:34	MJC
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 19:34	MJC
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 19:34	MJC
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 19:34	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.3	30-150		11/17/14 19:34
Decachlorobiphenyl [2]	97.3	30-150		11/17/14 19:34
Tetrachloro-m-xylene [1]	94.3	30-150		11/17/14 19:34
Tetrachloro-m-xylene [2]	103	30-150		11/17/14 19:34

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

Project Location: Osborn | Sample Description: Gym Floor | Work Order: 14K0678

Date Received: 11/14/2014

Field Sample #: C1113-16 | Sampled: 11/13/2014 00:00

Sample ID: 14K0678-16

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	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 11:06	JMB
Aroclor-1221 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 11:06	JMB
Aroclor-1232 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 11:06	JMB
Aroclor-1242 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 11:06	JMB
Aroclor-1248 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 11:06	JMB
Aroclor-1254 [1]	1.8	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 11:06	JMB
Aroclor-1260 [2]	0.29	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 11:06	JMB
Aroclor-1262 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 11:06	JMB
Aroclor-1268 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 11:06	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	92.8	30-150		11/18/14 11:06
Decachlorobiphenyl [2]	96.9	30-150		11/18/14 11:06
Tetrachloro-m-xylene [1]	97.3	30-150		11/18/14 11:06
Tetrachloro-m-xylene [2]	84.7	30-150		11/18/14 11:06

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

Project Location: Osborn | Sample Description: Gym Floor | Work Order: 14K0678

Date Received: 11/14/2014

Field Sample #: C1113-17 | Sampled: 11/13/2014 00:00

Sample ID: 14K0678-17

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	2		SW-846 8082A	11/14/14	11/18/14 11:19	JMB
Aroclor-1221 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 11:19	JMB
Aroclor-1232 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 11:19	JMB
Aroclor-1242 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 11:19	JMB
Aroclor-1248 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 11:19	JMB
Aroclor-1254 [1]	1.5	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 11:19	JMB
Aroclor-1260 [2]	0.34	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 11:19	JMB
Aroclor-1262 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 11:19	JMB
Aroclor-1268 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/14/14	11/18/14 11:19	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	107	30-150		11/18/14 11:19
Decachlorobiphenyl [2]	112	30-150		11/18/14 11:19
Tetrachloro-m-xylene [1]	111	30-150		11/18/14 11:19
Tetrachloro-m-xylene [2]	95.2	30-150		11/18/14 11:19

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

Project Location: Osborn | Sample Description: Gym Floor | Work Order: 14K0678

Date Received: 11/14/2014

Field Sample #: C1113-18 | Sampled: 11/13/2014 00:00

Sample ID: 14K0678-18

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	11/14/14	11/17/14 20:11	MJC
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 20:11	MJC
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 20:11	MJC
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 20:11	MJC
Aroclor-1248 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 20:11	MJC
Aroclor-1254 [2]	0.87	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 20:11	MJC
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 20:11	MJC
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 20:11	MJC
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/14/14	11/17/14 20:11	MJC

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.9	30-150		11/17/14 20:11
Decachlorobiphenyl [2]	88.5	30-150		11/17/14 20:11
Tetrachloro-m-xylene [1]	85.4	30-150		11/17/14 20:11
Tetrachloro-m-xylene [2]	92.2	30-150		11/17/14 20:11

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

Project Location: Osborn | Sample Description: Gym Floor | Work Order: 14K0678

Date Received: 11/14/2014

Field Sample #: C1113-19 | Sampled: 11/13/2014 00:00

Sample ID: 14K0678-19

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	2.0	mg/Kg	20		SW-846 8082A	11/14/14	11/18/14 11:32	JMB
Aroclor-1221 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	11/14/14	11/18/14 11:32	JMB
Aroclor-1232 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	11/14/14	11/18/14 11:32	JMB
Aroclor-1242 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	11/14/14	11/18/14 11:32	JMB
Aroclor-1248 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	11/14/14	11/18/14 11:32	JMB
Aroclor-1254 [2]	11	2.0	mg/Kg	20		SW-846 8082A	11/14/14	11/18/14 11:32	JMB
Aroclor-1260 [1]	3.9	2.0	mg/Kg	20		SW-846 8082A	11/14/14	11/18/14 11:32	JMB
Aroclor-1262 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	11/14/14	11/18/14 11:32	JMB
Aroclor-1268 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	11/14/14	11/18/14 11:32	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.6	30-150		11/18/14 11:32
Decachlorobiphenyl [2]	108	30-150		11/18/14 11:32
Tetrachloro-m-xylene [1]	93.0	30-150		11/18/14 11:32
Tetrachloro-m-xylene [2]	90.5	30-150		11/18/14 11:32

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

Project Location: Osborn
Sample Description: Gym Floor
Work Order: 14K0678
Date Received: 11/14/2014
Field Sample #: C1113-20
Sampled: 11/13/2014 00:00
Sample ID: 14K0678-20
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	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:45	JMB
Aroclor-1221 [1]	ND	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:45	JMB
Aroclor-1232 [1]	ND	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:45	JMB
Aroclor-1242 [1]	ND	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:45	JMB
Aroclor-1248 [1]	ND	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:45	JMB
Aroclor-1254 [2]	3.4	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:45	JMB
Aroclor-1260 [2]	0.93	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:45	JMB
Aroclor-1262 [1]	ND	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:45	JMB
Aroclor-1268 [1]	ND	0.49	mg/Kg	5		SW-846 8082A	11/14/14	11/18/14 11:45	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	85.7	30-150		11/18/14 11:45
Decachlorobiphenyl [2]	91.0	30-150		11/18/14 11:45
Tetrachloro-m-xylene [1]	89.4	30-150		11/18/14 11:45
Tetrachloro-m-xylene [2]	81.2	30-150		11/18/14 11:45

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

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
14K0678-01 [C1113-01]	B109801	1.97	10.0	11/14/14
14K0678-02 [C1113-02]	B109801	1.41	10.0	11/14/14
14K0678-03 [C1113-03]	B109801	2.03	10.0	11/14/14
14K0678-04 [C1113-04]	B109801	1.58	10.0	11/14/14
14K0678-05 [C1113-05]	B109801	2.04	10.0	11/14/14
14K0678-06 [C1113-06]	B109801	2.01	10.0	11/14/14
14K0678-07 [C1113-07]	B109801	2.03	10.0	11/14/14
14K0678-08 [C1113-08]	B109801	2.00	10.0	11/14/14
14K0678-09 [C1113-09]	B109801	2.03	10.0	11/14/14
14K0678-10 [C1113-10]	B109801	1.96	10.0	11/14/14
14K0678-11 [C1113-11]	B109801	1.98	10.0	11/14/14
14K0678-12 [C1113-12]	B109801	2.01	10.0	11/14/14
14K0678-13 [C1113-13]	B109801	2.05	10.0	11/14/14
14K0678-14 [C1113-14]	B109801	2.01	10.0	11/14/14
14K0678-15 [C1113-15]	B109801	2.03	10.0	11/14/14
14K0678-16 [C1113-16]	B109801	2.03	10.0	11/14/14
14K0678-17 [C1113-17]	B109801	2.01	10.0	11/14/14
14K0678-18 [C1113-18]	B109801	2.03	10.0	11/14/14
14K0678-19 [C1113-19]	B109801	2.04	10.0	11/14/14
14K0678-20 [C1113-20]	B109801	2.04	10.0	11/14/14

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

QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B109801 - SW-846 3540C										
Blank (B109801-BLK1)				Prepared: 11/14/14 Analyzed: 11/17/14						
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	*0.820*		mg/Kg	1.00		82.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.809*		mg/Kg	1.00		80.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.779*		mg/Kg	1.00		77.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.847*		mg/Kg	1.00		84.7	30-150			
LCS (B109801-BS1)				Prepared: 11/14/14 Analyzed: 11/17/14						
Aroclor-1016	0.23	0.10	mg/Kg	0.250		92.4	40-140			
Aroclor-1016 [2C]	0.25	0.10	mg/Kg	0.250		101	40-140			
Aroclor-1260	0.24	0.10	mg/Kg	0.250		97.3	40-140			
Aroclor-1260 [2C]	0.26	0.10	mg/Kg	0.250		105	40-140			
Surrogate: Decachlorobiphenyl	*0.834*		mg/Kg	1.00		83.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.821*		mg/Kg	1.00		82.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.774*		mg/Kg	1.00		77.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.843*		mg/Kg	1.00		84.3	30-150			
LCS Dup (B109801-BSD1)				Prepared: 11/14/14 Analyzed: 11/17/14						
Aroclor-1016	0.23	0.10	mg/Kg	0.250		91.5	40-140	0.992	30	
Aroclor-1016 [2C]	0.25	0.10	mg/Kg	0.250		99.8	40-140	1.26	30	
Aroclor-1260	0.24	0.10	mg/Kg	0.250		95.0	40-140	2.45	30	
Aroclor-1260 [2C]	0.26	0.10	mg/Kg	0.250		103	40-140	2.28	30	
Surrogate: Decachlorobiphenyl	*0.839*		mg/Kg	1.00		83.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.821*		mg/Kg	1.00		82.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.799*		mg/Kg	1.00		79.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.869*		mg/Kg	1.00		86.9	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 B109801 - SW-846 3540C											
Matrix Spike (B109801-MS1)		**Source: 14K0678-20**		Prepared: 11/14/14 Analyzed: 11/17/14							
Aroclor-1016	0.47	0.10	mg/Kg	0.249	ND	**190**	*	40-140			MS-21
Aroclor-1016 [2C]	0.55	0.10	mg/Kg	0.249	ND	**220**	*	40-140			MS-21
Aroclor-1260	2.0	0.10	mg/Kg	0.249	0.92	**446**	*	40-140			MS-21
Aroclor-1260 [2C]	2.8	0.10	mg/Kg	0.249	0.93	**743**	*	40-140			MS-21
Surrogate: Decachlorobiphenyl	*0.816*		mg/Kg	0.995		82.0		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.795*		mg/Kg	0.995		79.9		30-150			
Surrogate: Tetrachloro-m-xylene	*0.840*		mg/Kg	0.995		84.4		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.900*		mg/Kg	0.995		90.5		30-150			
Matrix Spike Dup (B109801-MSD1)		**Source: 14K0678-20**		Prepared: 11/14/14 Analyzed: 11/17/14							
Aroclor-1016	0.47	0.099	mg/Kg	0.248	ND	**192**	*	40-140	0.419	50	MS-21
Aroclor-1016 [2C]	0.53	0.099	mg/Kg	0.248	ND	**213**	*	40-140	4.01	50	MS-21
Aroclor-1260	2.2	0.099	mg/Kg	0.248	0.92	**530**	*	40-140	9.42	50	MS-21
Aroclor-1260 [2C]	3.1	0.099	mg/Kg	0.248	0.93	**864**	*	40-140	9.96	50	MS-21
Surrogate: Decachlorobiphenyl	*0.926*		mg/Kg	0.990		93.5		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.913*		mg/Kg	0.990		92.2		30-150			
Surrogate: Tetrachloro-m-xylene	*0.865*		mg/Kg	0.990		87.3		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.927*		mg/Kg	0.990		93.6		30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-01

Lab Sample ID: 14K0678-01

Date(s) Analyzed: 11/17/2014 11/17/2014

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	0.00	0.00	0.17	
	2	0.00	0.00	0.00	0.22	24.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-02

Lab Sample ID: 14K0678-02

Date(s) Analyzed: 11/17/2014 11/17/2014

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	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.33	22.6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-03

Lab Sample ID: 14K0678-03 Date(s) Analyzed: 11/17/2014 11/17/2014

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	0.00	0.00	0.20	
	2	0.00	0.00	0.00	0.25	20.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-04

Lab Sample ID: 14K0678-04

Date(s) Analyzed: 11/17/2014 11/17/2014

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	0.00	0.00	1.1	
	2	0.00	0.00	0.00	1.3	14.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-05

Lab Sample ID: 14K0678-05

Date(s) Analyzed: 11/18/2014 11/18/2014

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	0.00	0.00	0.85	
	2	0.00	0.00	0.00	1.1	25.2

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-06

Lab Sample ID: 14K0678-06

Date(s) Analyzed: 11/18/2014 11/18/2014

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	0.00	0.00	1.3	
	2	0.00	0.00	0.00	1.5	13.5
Aroclor-1260	1	0.00	0.00	0.00	0.30	
	2	0.00	0.00	0.00	0.30	0.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-07

Lab Sample ID: 14K0678-07

Date(s) Analyzed: 11/18/2014 11/18/2014

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	0.00	0.00	2.6	
	2	0.00	0.00	0.00	3.2	19.9
Aroclor-1260	1	0.00	0.00	0.00	0.50	
	2	0.00	0.00	0.00	0.50	0.8

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-08

Lab Sample ID: 14K0678-08

Date(s) Analyzed: 11/18/2014 11/18/2014

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-1248	1	0.00	0.00	0.00	0.92	
	2	0.00	0.00	0.00	1.0	8.4
Aroclor-1254	1	0.00	0.00	0.00	1.7	
	2	0.00	0.00	0.00	2.3	30.6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-09

Lab Sample ID: 14K0678-09

Date(s) Analyzed: 11/18/2014 11/18/2014

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	0.00	0.00	1.1	
	2	0.00	0.00	0.00	1.3	19.4
Aroclor-1260	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.28	5.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-10

Lab Sample ID: 14K0678-10 Date(s) Analyzed: 11/18/2014 11/18/2014

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	0.00	0.00	2.4	
	2	0.00	0.00	0.00	3.1	26.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-11

Lab Sample ID: 14K0678-11 Date(s) Analyzed: 11/18/2014 11/18/2014

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-1248	1	0.00	0.00	0.00	1.0	
	2	0.00	0.00	0.00	1.3	25.1
Aroclor-1254	1	0.00	0.00	0.00	2.2	
	2	0.00	0.00	0.00	2.7	22.2

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-12

Lab Sample ID: 14K0678-12 Date(s) Analyzed: 11/18/2014 11/18/2014

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	0.00	0.00	3.0	
	2	0.00	0.00	0.00	3.0	1.3
Aroclor-1260	1	0.00	0.00	0.00	0.84	
	2	0.00	0.00	0.00	0.86	2.6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-13

Lab Sample ID: 14K0678-13

Date(s) Analyzed: 11/18/2014 11/18/2014

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	0.00	0.00	1.3	
	2	0.00	0.00	0.00	1.3	2.3
Aroclor-1260	1	0.00	0.00	0.00	0.25	
	2	0.00	0.00	0.00	0.26	5.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-14

Lab Sample ID: 14K0678-14

Date(s) Analyzed: 11/18/2014 11/18/2014

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	0.00	0.00	1.3	
	2	0.00	0.00	0.00	1.3	0.0
Aroclor-1260	1	0.00	0.00	0.00	0.25	
	2	0.00	0.00	0.00	0.27	9.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-15

Lab Sample ID: 14K0678-15

Date(s) Analyzed: 11/17/2014 11/17/2014

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	0.00	0.00	0.43	
	2	0.00	0.00	0.00	0.57	26.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-16

Lab Sample ID: 14K0678-16

Date(s) Analyzed: 11/18/2014 11/18/2014

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	0.00	0.00	1.8	
	2	0.00	0.00	0.00	1.6	13.4
Aroclor-1260	1	0.00	0.00	0.00	0.28	
	2	0.00	0.00	0.00	0.29	3.2

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-17

Lab Sample ID: 14K0678-17

Date(s) Analyzed: 11/18/2014 11/18/2014

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	0.00	0.00	1.5	
	2	0.00	0.00	0.00	1.5	0.0
Aroclor-1260	1	0.00	0.00	0.00	0.33	
	2	0.00	0.00	0.00	0.34	2.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-18

Lab Sample ID: 14K0678-18

Date(s) Analyzed: 11/17/2014 11/17/2014

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	0.00	0.00	0.69	
	2	0.00	0.00	0.00	0.87	22.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-19

Lab Sample ID: 14K0678-19

Date(s) Analyzed: 11/18/2014 11/18/2014

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	0.00	0.00	9.4	
	2	0.00	0.00	0.00	11	16.0
Aroclor-1260	1	0.00	0.00	0.00	3.9	
	2	0.00	0.00	0.00	3.8	1.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-20

Lab Sample ID: 14K0678-20

Date(s) Analyzed: 11/18/2014 11/18/2014

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	0.00	0.00	3.3	
	2	0.00	0.00	0.00	3.4	1.8
Aroclor-1260	1	0.00	0.00	0.00	0.92	
	2	0.00	0.00	0.00	0.93	1.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B109801-BS1

Date(s) Analyzed: 11/17/2014 11/17/2014

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	0.23	
	2	0.00	0.00	0.00	0.25	8
Aroclor-1260	1	0.00	0.00	0.00	0.24	
	2	0.00	0.00	0.00	0.26	7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B109801-BSD1 Date(s) Analyzed: 11/17/2014 11/17/2014

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	0.23	
	2	0.00	0.00	0.00	0.25	9
Aroclor-1260	1	0.00	0.00	0.00	0.24	
	2	0.00	0.00	0.00	0.26	9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B109801-MS1 Date(s) Analyzed: 11/17/2014 11/17/2014

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	0.47	
	2	0.00	0.00	0.00	0.55	15
Aroclor-1260	1	0.00	0.00	0.00	2.0	
	2	0.00	0.00	0.00	2.8	32

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B109801-MSD1

Date(s) Analyzed: 11/17/2014 11/17/2014

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	0.47	
	2	0.00	0.00	0.00	0.53	11
Aroclor-1260	1	0.00	0.00	0.00	2.2	
	2	0.00	0.00	0.00	3.1	33

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

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	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.
O-03	Sample contains two incompletely resolved aroclors. Aroclor with the closest matching pattern is reported.

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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	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

con-test® ANALYTICAL LABORATORY
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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

14K0678

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

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	C1113-01 Gym Floor	11/13/14			x			✓
02	C1113-02 Gym Floor	11/13/14			x			✓
03	C1113-03 Gym Floor	11/13/14			x			✓
04	C1113-04 Gym Floor	11/13/14			x			✓
05	C1113-05 Gym Floor	11/13/14			x			✓
06	C1113-06 Gym Floor	11/13/14			x			✓
07	C1113-07 Gym Floor	11/13/14			x			✓
08	C1113-08 Gym Floor	11/13/14			x			✓
09	C1113-09 Gym Floor	11/13/14			x			✓
10	C1113-10 Gym Floor	11/13/14			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

Relinquished by: (signature)	11/14/14	Date/Time: 12:00
Received by: (signature)	11/14/14	Date/Time: 12:00
Relinquished by: (signature)	11/14/14	Date/Time: 1830
Received by: (signature)	11/14/14 4.6°C	Date/Time: 11/14/14 18:30

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 # _____

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

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

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Table of Contents

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Email: info@contestlabs.com
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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

14K0678

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

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

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

Project Proposal Provided? (for billing purposes)
O 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	# of Containers	** Preservation	***Container Code
11	C1113-11 Gym Floor	11/13/14			x			✓			
12	C1113-12 Gym Floor	11/13/14			x			✓			
13	C1113-13 Gym Floor	11/13/14			x			✓			
14	C1113-14 Gym Floor	11/13/14			x			✓			
15	C1113-15 Gym Floor	11/13/14			x			✓			
16	C1113-16 Gym Floor	11/13/14			x			✓			
17	C1113-17 Gym Floor	11/13/14			x			✓			
18	C1113-18 Gym Floor	11/13/14			x			✓			
19	C1113-19 Gym Floor	11/13/14			x			✓			
20	C1113-20 Gym Floor	11/13/14			x			✓			

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

Dissolved Metals
O Field Filtered
O Lab to Filter

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

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

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

Relinquished by: (signature)	Date/Time: 11/14	
Received by: (signature) R Sen 11/14/14	Date/Time: 12:03	
Relinquished by: (signature) R Sen 11/14/14	Date/Time: 1830	
Received by: (signature) Kenny Wilcox 4.6°C 11/14/14	Date/Time: 18:30	

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 ?
O MCP Form Required
O RCP Form Required
O MA State DW Form Required PWSID # _____

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

†† TURNAROUND TIME 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.
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 RECEIVED BY: KKM DATE: 11/14/14

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 4.6
5) **Are there Dissolved samples for the lab to filter?** Yes (No)
   Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** (Yes) No
   Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** 19

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

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____
9) **Do all samples have the proper Base pH:** Yes No (N/A) _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	34
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:
limited sample volume for some samples

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

Time and Date Frozen:

Doc# 277
Rev. 4 August 2013

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.	NA	
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	*no times provided
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	NA	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	KM T F	*see pg. 1
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:** KKM **Date/Time:** 11/14/14 18:30

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

November 18, 2014

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

Project Location: Osborn
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 14K0680

Enclosed are results of analyses for samples received by the laboratory on November 14, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

Table of Contents

Sample Summary 3

Case Narrative 4

Sample Results 5

14K0680-01 5

14K0680-02 6

14K0680-03 7

14K0680-04 8

14K0680-05 9

14K0680-06 10

14K0680-07 11

14K0680-08 12

14K0680-09 13

14K0680-10 14

14K0680-11 15

14K0680-12 16

14K0680-13 17

14K0680-14 18

Sample Preparation Information 19

QC Data 20

Polychlorinated Biphenyls with 3540 Soxhlet Extraction 20

B109806 20

Dual Column RPD Report 21

Flag/Qualifier Summary 32

Certifications 33

Chain of Custody/Sample Receipt 34

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: 11/18/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14K0680

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

PROJECT LOCATION: Osborn

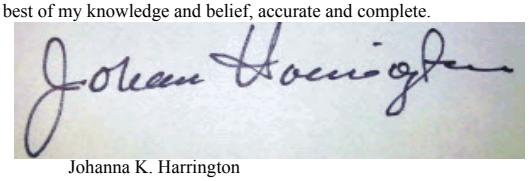
FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
C1113-21	14K0680-01	Product/Solid	Gym Floor	SW-846 8082A	
C1113-22	14K0680-02	Product/Solid	Gym Floor	SW-846 8082A	
C1113-23	14K0680-03	Product/Solid	Gym Floor	SW-846 8082A	
C1113-24	14K0680-04	Product/Solid	Gym Floor	SW-846 8082A	
C1113-25	14K0680-05	Product/Solid	Gym Floor	SW-846 8082A	
C1113-26	14K0680-06	Product/Solid	Door Frame CMU	SW-846 8082A	
C1113-27	14K0680-07	Product/Solid	Door Frame CMU	SW-846 8082A	
C1113-28	14K0680-08	Product/Solid	Door Frame CMU-M	SW-846 8082A	
C1113-29	14K0680-09	Product/Solid	Expansion Joint CMU	SW-846 8082A	
C1113-30	14K0680-10	Product/Solid	Expansion Joint CMU	SW-846 8082A	
C1113-31	14K0680-11	Product/Solid	Expansion Joint CMU	SW-846 8082A	
C1113-32	14K0680-12	Product/Solid	Expansion Joint CMU-M	SW-846 8082A	
C1113-33	14K0680-13	Product/Solid	Expansion Joint CMU-M	SW-846 8082A	
C1113-34	14K0680-14	Product/Solid	Expansion Joint CMU-M	SW-846 8082A	

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
Sample Description: Gym Floor
Work Order: 14K0680
Date Received: 11/14/2014
Field Sample #: C1113-21
Sampled: 11/13/2014 00:00
Sample ID: 14K0680-01
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	0.13	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:45	JMB
Aroclor-1221 [1]	ND	0.13	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:45	JMB
Aroclor-1232 [1]	ND	0.13	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:45	JMB
Aroclor-1242 [1]	ND	0.13	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:45	JMB
Aroclor-1248 [1]	ND	0.13	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:45	JMB
Aroclor-1254 [1]	ND	0.13	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:45	JMB
Aroclor-1260 [1]	ND	0.13	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:45	JMB
Aroclor-1262 [1]	ND	0.13	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:45	JMB
Aroclor-1268 [1]	ND	0.13	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:45	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	110	30-150		11/17/14 17:45
Decachlorobiphenyl [2]	93.3	30-150		11/17/14 17:45
Tetrachloro-m-xylene [1]	104	30-150		11/17/14 17:45
Tetrachloro-m-xylene [2]	94.8	30-150		11/17/14 17:45

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn
Sample Description: Gym Floor
Work Order: 14K0680
Date Received: 11/14/2014
Field Sample #: C1113-22
Sampled: 11/13/2014 00:00
Sample ID: 14K0680-02
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	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:58	JMB
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:58	JMB
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:58	JMB
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:58	JMB
Aroclor-1248 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:58	JMB
Aroclor-1254 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:58	JMB
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:58	JMB
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:58	JMB
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 17:58	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	123	30-150		11/17/14 17:58
Decachlorobiphenyl [2]	105	30-150		11/17/14 17:58
Tetrachloro-m-xylene [1]	117	30-150		11/17/14 17:58
Tetrachloro-m-xylene [2]	107	30-150		11/17/14 17:58

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn
Sample Description: Gym Floor
Work Order: 14K0680
Date Received: 11/14/2014
Field Sample #: C1113-23
Sampled: 11/13/2014 00:00
Sample ID: 14K0680-03
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	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:11	JMB
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:11	JMB
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:11	JMB
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:11	JMB
Aroclor-1248 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:11	JMB
Aroclor-1254 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:11	JMB
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:11	JMB
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:11	JMB
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:11	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	142	30-150		11/17/14 18:11
Decachlorobiphenyl [2]	122	30-150		11/17/14 18:11
Tetrachloro-m-xylene [1]	134	30-150		11/17/14 18:11
Tetrachloro-m-xylene [2]	123	30-150		11/17/14 18:11

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

Project Location: Osborn
Sample Description: Gym Floor
Work Order: 14K0680
Date Received: 11/14/2014
Field Sample #: C1113-24
Sampled: 11/13/2014 00:00
Sample ID: 14K0680-04
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	0.10	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:24	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:24	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:24	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:24	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:24	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:24	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:24	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:24	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 18:24	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	144	30-150		11/17/14 18:24
Decachlorobiphenyl [2]	123	30-150		11/17/14 18:24
Tetrachloro-m-xylene [1]	136	30-150		11/17/14 18:24
Tetrachloro-m-xylene [2]	125	30-150		11/17/14 18:24

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

Project Location: Osborn
Sample Description: Gym Floor
Work Order: 14K0680
Date Received: 11/14/2014
Field Sample #: C1113-25
Sampled: 11/13/2014 00:00
Sample ID: 14K0680-05
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	0.098	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:28	JMB
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:28	JMB
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:28	JMB
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:28	JMB
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:28	JMB
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:28	JMB
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:28	JMB
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:28	JMB
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:28	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	138	30-150		11/17/14 19:28
Decachlorobiphenyl [2]	116	30-150		11/17/14 19:28
Tetrachloro-m-xylene [1]	128	30-150		11/17/14 19:28
Tetrachloro-m-xylene [2]	118	30-150		11/17/14 19:28

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

Project Location: Osborn
Sample Description: Door Frame CMU
Work Order: 14K0680
Date Received: 11/14/2014
Field Sample #: C1113-26
Sampled: 11/13/2014 00:00
Sample ID: 14K0680-06
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	0.22	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 8:50	JMB
Aroclor-1221 [1]	ND	0.22	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 8:50	JMB
Aroclor-1232 [1]	ND	0.22	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 8:50	JMB
Aroclor-1242 [1]	ND	0.22	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 8:50	JMB
Aroclor-1248 [1]	0.86	0.22	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 8:50	JMB
Aroclor-1254 [1]	1.4	0.22	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 8:50	JMB
Aroclor-1260 [1]	ND	0.22	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 8:50	JMB
Aroclor-1262 [1]	ND	0.22	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 8:50	JMB
Aroclor-1268 [1]	ND	0.22	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 8:50	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.2	30-150		11/18/14 8:50
Decachlorobiphenyl [2]	81.4	30-150		11/18/14 8:50
Tetrachloro-m-xylene [1]	92.4	30-150		11/18/14 8:50
Tetrachloro-m-xylene [2]	86.4	30-150		11/18/14 8:50

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

Project Location: Osborn
Sample Description: Door Frame CMU
Work Order: 14K0680
Date Received: 11/14/2014
Field Sample #: C1113-27
Sampled: 11/13/2014 00:00
Sample ID: 14K0680-07
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	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:54	JMB
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:54	JMB
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:54	JMB
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:54	JMB
Aroclor-1248 [1]	0.61	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:54	JMB
Aroclor-1254 [1]	0.81	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:54	JMB
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:54	JMB
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:54	JMB
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 19:54	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	106	30-150		11/17/14 19:54
Decachlorobiphenyl [2]	88.9	30-150		11/17/14 19:54
Tetrachloro-m-xylene [1]	98.3	30-150		11/17/14 19:54
Tetrachloro-m-xylene [2]	88.1	30-150		11/17/14 19:54

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

Project Location: Osborn | Sample Description: Door Frame CMU-M | Work Order: 14K0680

Date Received: 11/14/2014

Field Sample #: C1113-28 | Sampled: 11/13/2014 00:00

Sample ID: 14K0680-08

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	1.0	mg/Kg	10		SW-846 8082A	11/15/14	11/18/14 9:03	JMB
Aroclor-1221 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	11/15/14	11/18/14 9:03	JMB
Aroclor-1232 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	11/15/14	11/18/14 9:03	JMB
Aroclor-1242 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	11/15/14	11/18/14 9:03	JMB
Aroclor-1248 [2]	3.0	1.0	mg/Kg	10		SW-846 8082A	11/15/14	11/18/14 9:03	JMB
Aroclor-1254 [1]	7.1	1.0	mg/Kg	10		SW-846 8082A	11/15/14	11/18/14 9:03	JMB
Aroclor-1260 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	11/15/14	11/18/14 9:03	JMB
Aroclor-1262 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	11/15/14	11/18/14 9:03	JMB
Aroclor-1268 [1]	ND	1.0	mg/Kg	10		SW-846 8082A	11/15/14	11/18/14 9:03	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	109	30-150		11/18/14 9:03
Decachlorobiphenyl [2]	87.8	30-150		11/18/14 9:03
Tetrachloro-m-xylene [1]	105	30-150		11/18/14 9:03
Tetrachloro-m-xylene [2]	94.8	30-150		11/18/14 9:03

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

Project Location: Osborn
Sample Description: Expansion Joint CMU
Work Order: 14K0680
Date Received: 11/14/2014
Field Sample #: C1113-29
Sampled: 11/13/2014 00:00
Sample ID: 14K0680-09
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	0.12	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:19	JMB
Aroclor-1221 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:19	JMB
Aroclor-1232 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:19	JMB
Aroclor-1242 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:19	JMB
Aroclor-1248 [1]	0.69	0.12	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:19	JMB
Aroclor-1254 [1]	1.2	0.12	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:19	JMB
Aroclor-1260 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:19	JMB
Aroclor-1262 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:19	JMB
Aroclor-1268 [1]	ND	0.12	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:19	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	109	30-150		11/17/14 20:19
Decachlorobiphenyl [2]	91.9	30-150		11/17/14 20:19
Tetrachloro-m-xylene [1]	105	30-150		11/17/14 20:19
Tetrachloro-m-xylene [2]	94.4	30-150		11/17/14 20:19

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

Project Location: Osborn
Sample Description: Expansion Joint CMU
Work Order: 14K0680
Date Received: 11/14/2014
Field Sample #: C1113-30
Sampled: 11/13/2014 00:00
Sample ID: 14K0680-10
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	0.24	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:15	JMB
Aroclor-1221 [1]	ND	0.24	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:15	JMB
Aroclor-1232 [1]	ND	0.24	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:15	JMB
Aroclor-1242 [1]	ND	0.24	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:15	JMB
Aroclor-1248 [1]	1.2	0.24	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:15	JMB
Aroclor-1254 [1]	2.2	0.24	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:15	JMB
Aroclor-1260 [1]	ND	0.24	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:15	JMB
Aroclor-1262 [1]	ND	0.24	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:15	JMB
Aroclor-1268 [1]	ND	0.24	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:15	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		11/18/14 9:15
Decachlorobiphenyl [2]	90.3	30-150		11/18/14 9:15
Tetrachloro-m-xylene [1]	104	30-150		11/18/14 9:15
Tetrachloro-m-xylene [2]	96.8	30-150		11/18/14 9:15

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

Project Location: Osborn
Sample Description: Expansion Joint CMU
Work Order: 14K0680
Date Received: 11/14/2014
Field Sample #: C1113-31
Sampled: 11/13/2014 00:00
Sample ID: 14K0680-11
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	0.20	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:45	JMB
Aroclor-1221 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:45	JMB
Aroclor-1232 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:45	JMB
Aroclor-1242 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:45	JMB
Aroclor-1248 [1]	1.1	0.20	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:45	JMB
Aroclor-1254 [1]	2.2	0.20	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:45	JMB
Aroclor-1260 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:45	JMB
Aroclor-1262 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:45	JMB
Aroclor-1268 [1]	ND	0.20	mg/Kg	1		SW-846 8082A	11/15/14	11/17/14 20:45	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	103	30-150		11/17/14 20:45
Decachlorobiphenyl [2]	86.9	30-150		11/17/14 20:45
Tetrachloro-m-xylene [1]	97.4	30-150		11/17/14 20:45
Tetrachloro-m-xylene [2]	87.3	30-150		11/17/14 20:45

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

Project Location: Osborn
Sample Description: Expansion Joint CMU-M
Work Order: 14K0680
Date Received: 11/14/2014
Field Sample #: C1113-32
Sampled: 11/13/2014 00:00
Sample ID: 14K0680-12
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	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:28	JMB
Aroclor-1221 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:28	JMB
Aroclor-1232 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:28	JMB
Aroclor-1242 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:28	JMB
Aroclor-1248 [1]	1.2	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:28	JMB
Aroclor-1254 [1]	1.5	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:28	JMB
Aroclor-1260 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:28	JMB
Aroclor-1262 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:28	JMB
Aroclor-1268 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:28	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	113	30-150		11/18/14 9:28
Decachlorobiphenyl [2]	94.5	30-150		11/18/14 9:28
Tetrachloro-m-xylene [1]	111	30-150		11/18/14 9:28
Tetrachloro-m-xylene [2]	104	30-150		11/18/14 9:28

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

Project Location: Osborn
Sample Description: Expansion Joint CMU-M
Work Order: 14K0680

Date Received: 11/14/2014

Field Sample #: C1113-33
Sampled: 11/13/2014 00:00

Sample ID: 14K0680-13

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	0.79	mg/Kg	5		SW-846 8082A	11/15/14	11/18/14 9:41	JMB
Aroclor-1221 [1]	ND	0.79	mg/Kg	5		SW-846 8082A	11/15/14	11/18/14 9:41	JMB
Aroclor-1232 [1]	ND	0.79	mg/Kg	5		SW-846 8082A	11/15/14	11/18/14 9:41	JMB
Aroclor-1242 [1]	ND	0.79	mg/Kg	5		SW-846 8082A	11/15/14	11/18/14 9:41	JMB
Aroclor-1248 [2]	2.5	0.79	mg/Kg	5		SW-846 8082A	11/15/14	11/18/14 9:41	JMB
Aroclor-1254 [1]	7.4	0.79	mg/Kg	5		SW-846 8082A	11/15/14	11/18/14 9:41	JMB
Aroclor-1260 [1]	ND	0.79	mg/Kg	5		SW-846 8082A	11/15/14	11/18/14 9:41	JMB
Aroclor-1262 [1]	ND	0.79	mg/Kg	5		SW-846 8082A	11/15/14	11/18/14 9:41	JMB
Aroclor-1268 [1]	ND	0.79	mg/Kg	5		SW-846 8082A	11/15/14	11/18/14 9:41	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	105	30-150		11/18/14 9:41
Decachlorobiphenyl [2]	85.1	30-150		11/18/14 9:41
Tetrachloro-m-xylene [1]	99.5	30-150		11/18/14 9:41
Tetrachloro-m-xylene [2]	90.9	30-150		11/18/14 9:41

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

Project Location: Osborn
Sample Description: Expansion Joint CMU-M
Work Order: 14K0680

Date Received: 11/14/2014

Field Sample #: C1113-34
Sampled: 11/13/2014 00:00

Sample ID: 14K0680-14

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	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:54	JMB
Aroclor-1221 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:54	JMB
Aroclor-1232 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:54	JMB
Aroclor-1242 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:54	JMB
Aroclor-1248 [2]	1.2	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:54	JMB
Aroclor-1254 [1]	1.3	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:54	JMB
Aroclor-1260 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:54	JMB
Aroclor-1262 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:54	JMB
Aroclor-1268 [1]	ND	0.20	mg/Kg	2		SW-846 8082A	11/15/14	11/18/14 9:54	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	107	30-150		11/18/14 9:54
Decachlorobiphenyl [2]	89.3	30-150		11/18/14 9:54
Tetrachloro-m-xylene [1]	102	30-150		11/18/14 9:54
Tetrachloro-m-xylene [2]	94.6	30-150		11/18/14 9:54

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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
14K0680-01 [C1113-21]	B109806	1.53	10.0	11/15/14
14K0680-02 [C1113-22]	B109806	2.02	10.0	11/15/14
14K0680-03 [C1113-23]	B109806	2.02	10.0	11/15/14
14K0680-04 [C1113-24]	B109806	2.00	10.0	11/15/14
14K0680-05 [C1113-25]	B109806	2.04	10.0	11/15/14
14K0680-06 [C1113-26]	B109806	1.84	10.0	11/15/14
14K0680-07 [C1113-27]	B109806	2.03	10.0	11/15/14
14K0680-08 [C1113-28]	B109806	2.01	10.0	11/15/14
14K0680-09 [C1113-29]	B109806	1.72	10.0	11/15/14
14K0680-10 [C1113-30]	B109806	1.70	10.0	11/15/14
14K0680-11 [C1113-31]	B109806	0.980	10.0	11/15/14
14K0680-12 [C1113-32]	B109806	2.03	10.0	11/15/14
14K0680-13 [C1113-33]	B109806	1.26	10.0	11/15/14
14K0680-14 [C1113-34]	B109806	2.00	10.0	11/15/14

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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 B109806 - SW-846 3540C										
Blank (B109806-BLK1)				Prepared: 11/15/14 Analyzed: 11/17/14						
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	*1.02*		mg/Kg	1.00		102	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.889*		mg/Kg	1.00		88.9	30-150			
Surrogate: Tetrachloro-m-xylene	*1.01*		mg/Kg	1.00		101	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.920*		mg/Kg	1.00		92.0	30-150			
LCS (B109806-BS1)				Prepared: 11/15/14 Analyzed: 11/17/14						
Aroclor-1016	0.30	0.10	mg/Kg	0.250		119	40-140			
Aroclor-1016 [2C]	0.25	0.10	mg/Kg	0.250		100	40-140			
Aroclor-1260	0.27	0.10	mg/Kg	0.250		109	40-140			
Aroclor-1260 [2C]	0.25	0.10	mg/Kg	0.250		98.3	40-140			
Surrogate: Decachlorobiphenyl	*1.07*		mg/Kg	1.00		107	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.941*		mg/Kg	1.00		94.1	30-150			
Surrogate: Tetrachloro-m-xylene	*1.04*		mg/Kg	1.00		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.960*		mg/Kg	1.00		96.0	30-150			
LCS Dup (B109806-BSD1)				Prepared: 11/15/14 Analyzed: 11/17/14						
Aroclor-1016	0.30	0.10	mg/Kg	0.250		120	40-140	1.50	30	
Aroclor-1016 [2C]	0.26	0.10	mg/Kg	0.250		103	40-140	2.35	30	
Aroclor-1260	0.28	0.10	mg/Kg	0.250		112	40-140	2.36	30	
Aroclor-1260 [2C]	0.25	0.10	mg/Kg	0.250		101	40-140	2.56	30	
Surrogate: Decachlorobiphenyl	*1.08*		mg/Kg	1.00		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.935*		mg/Kg	1.00		93.5	30-150			
Surrogate: Tetrachloro-m-xylene	*1.03*		mg/Kg	1.00		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.945*		mg/Kg	1.00		94.5	30-150			

con-test® ANALYTICAL LABORATORY

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-26

Lab Sample ID: 14K0680-06

Date(s) Analyzed: 11/18/2014 11/18/2014

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-1248	1	0.00	0.00	0.00	0.86	
	2	0.00	0.00	0.00	0.71	19.1
Aroclor-1254	1	0.00	0.00	0.00	1.4	
	2	0.00	0.00	0.00	1.3	9.5

con-test® ANALYTICAL LABORATORY

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-27

Lab Sample ID: 14K0680-07

Date(s) Analyzed: 11/17/2014 11/17/2014

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-1248	1	0.00	0.00	0.00	0.61	
	2	0.00	0.00	0.00	0.47	26.2
Aroclor-1254	1	0.00	0.00	0.00	0.81	
	2	0.00	0.00	0.00	0.70	15.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-28

Lab Sample ID: 14K0680-08 Date(s) Analyzed: 11/18/2014 11/18/2014

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-1248	1	0.00	0.00	0.00	2.6	
	2	0.00	0.00	0.00	3.0	13.5
Aroclor-1254	1	0.00	0.00	0.00	7.1	
	2	0.00	0.00	0.00	6.4	10.1

con-test® ANALYTICAL LABORATORY

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-29

Lab Sample ID: 14K0680-09

Date(s) Analyzed: 11/17/2014 11/17/2014

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-1248	1	0.00	0.00	0.00	0.69	
	2	0.00	0.00	0.00	0.66	4.0
Aroclor-1254	1	0.00	0.00	0.00	1.2	
	2	0.00	0.00	0.00	1.1	12.0

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-30

Lab Sample ID: 14K0680-10 Date(s) Analyzed: 11/18/2014 11/18/2014

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-1248	1	0.00	0.00	0.00	1.2	
	2	0.00	0.00	0.00	1.1	6.2
Aroclor-1254	1	0.00	0.00	0.00	2.2	
	2	0.00	0.00	0.00	2.1	6.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-31

Lab Sample ID: 14K0680-11 Date(s) Analyzed: 11/17/2014 11/17/2014

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-1248	1	0.00	0.00	0.00	1.1	
	2	0.00	0.00	0.00	0.91	17.1
Aroclor-1254	1	0.00	0.00	0.00	2.2	
	2	0.00	0.00	0.00	2.0	8.2

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-32

Lab Sample ID: 14K0680-12

Date(s) Analyzed: 11/18/2014 11/18/2014

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-1248	1	0.00	0.00	0.00	1.2	
	2	0.00	0.00	0.00	1.1	9.5
Aroclor-1254	1	0.00	0.00	0.00	1.5	
	2	0.00	0.00	0.00	1.4	6.2

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-33

Lab Sample ID: 14K0680-13 Date(s) Analyzed: 11/18/2014 11/18/2014

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-1248	1	0.00	0.00	0.00	2.4	
	2	0.00	0.00	0.00	2.5	4.5
Aroclor-1254	1	0.00	0.00	0.00	7.4	
	2	0.00	0.00	0.00	6.9	7.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

C1113-34

Lab Sample ID: 14K0680-14 Date(s) Analyzed: 11/18/2014 11/18/2014

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-1248	1	0.00	0.00	0.00	1.2	
	2	0.00	0.00	0.00	1.2	4.3
Aroclor-1254	1	0.00	0.00	0.00	1.3	
	2	0.00	0.00	0.00	1.3	2.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B109806-BS1 Date(s) Analyzed: 11/17/2014 11/17/2014

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	0.25	17
Aroclor-1260	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.25	9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B109806-BSD1 Date(s) Analyzed: 11/17/2014 11/17/2014

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	0.26	15
Aroclor-1260	1	0.00	0.00	0.00	0.28	
	2	0.00	0.00	0.00	0.25	11

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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	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

con-test® ANALYTICAL LABORATORY

Phone: 413-525-2332
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www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

14K0680
~~14K0678~~ KM

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

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: Soxhlet 8082A

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	C1113-21 Gym Floor	11/13/14			x			✓			
02	C1113-22 Gym Floor	11/13/14			x			✓			
03	C1113-23 Gym Floor	11/13/14			x			✓			
04	C1113-24 Gym Floor	11/13/14			x			✓			
05	C1113-25 Gym Floor	11/13/14			x			✓			
06	C1113-26 Door Frame CMU	11/13/14			x			✓			
07	C1113-27 Door Frame CMU	11/13/14			x			✓			
08	C1113-28 Door Frame CMU-M	11/13/14			x			✓			
09	C1113-29 Expansion Joint CMU	11/13/14			x			✓			
10	C1113-30 Expansion Joint CMU	11/13/14			x			✓			

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

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Relinquished by: (signature)	Date/Time:
[signature] 11/14/14	1:20
Received by: (signature)	Date/Time:
R Sean 11/14/14	12:00
Relinquished by: (signature)	Date/Time:
R Sean 11/14/14	18:30
Received by: (signature) 4.6°C	Date/Time:
[signature] 11/14/14	18:30

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 # _____

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene

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

Phone: 413-525-2332
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Email: info@contestlabs.com
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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

14K0658
~~14K0678~~ KM

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

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	Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Soxhlet 8082A											
11	C1113-31 Expansion Joint CMU	11/13/14			x			✓											
12	C1113-32 Expansion Joint CMU-M	11/13/14			x			✓											
13	C1113-33 Expansion Joint CMU-M	11/13/14			x			✓											
14	C1113-34 Expansion Joint CMU-M	11/13/14			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

Relinquished by: (signature)	11/14/14	Date/Time: 12:00
Received by: (signature)	11/14/14	Date/Time: 12:00
Relinquished by: (signature)	11/14/14	Date/Time: 1830
Received by: (signature)	11/14/14	Date/Time: 18:30

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 # _____

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene

NELAC & AIHA Certified
WBE/DBE Certified

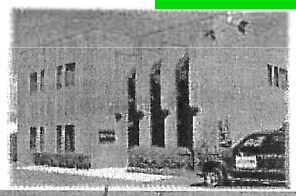
†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Table of Contents

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 RECEIVED BY: KKM DATE: 11/14/14

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 4.6
5) Are there Dissolved samples for the lab to filter? Yes No
   Who was notified _____ Date _____ Time _____
6) Are there any RUSH or SHORT HOLDING TIME samples? Yes No
   Who was notified _____ Date _____ Time _____
7) Location where samples are stored: 19

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

8) Do all samples have the proper Acid pH: Yes No N/A _____
9) Do all samples have the proper Base pH: Yes No N/A _____
10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	34
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:
limited sample volume for some samples

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

Time and Date Frozen:

Doc# 277
Rev. 4 August 2013

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.	NA	
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.	NA	
18) There is sufficient volume for all requsted analyses, including any requested MS/MSDs.	KM T F	*see pg. 1
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:** KKM **Date/Time:** 11/14/14 18:30

Laboratory Results – PCB Wipe Samples

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

October 22, 2014

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: 14J0952

Enclosed are results of analyses for samples received by the laboratory on October 20, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

Table of Contents

Sample Summary 4

Case Narrative 5

Sample Results 6

14J0952-01 6

14J0952-02 7

14J0952-03 8

14J0952-04 9

14J0952-05 10

14J0952-06 11

14J0952-07 12

14J0952-08 13

14J0952-09 14

14J0952-10 15

14J0952-11 16

14J0952-12 17

14J0952-13 18

14J0952-14 19

14J0952-15 20

14J0952-16 21

14J0952-17 22

14J0952-18 23

14J0952-19 24

14J0952-20 25

14J0952-21 26

14J0952-22 27

14J0952-23 28

Table of Contents (continued)

14J0952-24 29

14J0952-25 30

14J0952-26 31

14J0952-27 32

Sample Preparation Information 33

QC Data 34

Polychlorinated Biphenyls with 3540 Soxhlet Extraction 34

B107620 34

B107621 35

Dual Column RPD Report 36

Flag/Qualifier Summary 39

Certifications 40

Chain of Custody/Sample Receipt 41

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: 10/22/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14J0952

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
W1020-01 Gym Office	14J0952-01	Wipe		SW-846 8082A	
W1020-02 Gym Office	14J0952-02	Wipe		SW-846 8082A	
W1020-03 Gym Office	14J0952-03	Wipe		SW-846 8082A	
W1020-04 Gym Office	14J0952-04	Wipe		SW-846 8082A	
W1020-05 Gym	14J0952-05	Wipe		SW-846 8082A	
W1020-06 Gym	14J0952-06	Wipe		SW-846 8082A	
W1020-07 Gym	14J0952-07	Wipe		SW-846 8082A	
W1020-08 Gym	14J0952-08	Wipe		SW-846 8082A	
W1020-09 Gym	14J0952-09	Wipe		SW-846 8082A	
W1020-10 Gym	14J0952-10	Wipe		SW-846 8082A	
W1020-11 Gym	14J0952-11	Wipe		SW-846 8082A	
W1020-12 Gym	14J0952-12	Wipe		SW-846 8082A	
W1020-13 Gym	14J0952-13	Wipe		SW-846 8082A	
W1020-14 Gym	14J0952-14	Wipe		SW-846 8082A	
W1020-15 Gym	14J0952-15	Wipe		SW-846 8082A	
W1020-16 Gym	14J0952-16	Wipe		SW-846 8082A	
W1020-17 Gym	14J0952-17	Wipe		SW-846 8082A	
W1020-18 Gym	14J0952-18	Wipe		SW-846 8082A	
W1020-19 Gym	14J0952-19	Wipe		SW-846 8082A	
W1020-20 Gym	14J0952-20	Wipe		SW-846 8082A	
W1020-21 Gym	14J0952-21	Wipe		SW-846 8082A	
W1020-22 Gym	14J0952-22	Wipe		SW-846 8082A	
W1020-23 Gym	14J0952-23	Wipe		SW-846 8082A	
W1020-24 Gym	14J0952-24	Wipe		SW-846 8082A	
W1020-25 Blank	14J0952-25	Wipe		SW-846 8082A	
W1020-26 Blank	14J0952-26	Wipe		SW-846 8082A	
W1020-27 Blank	14J0952-27	Wipe		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.

Daren J. Damboragian
Laboratory Manager

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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-01 Gym Office
Sampled: 10/20/2014 00:00

Sample ID: 14J0952-01

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:47	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:47	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:47	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:47	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:47	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:47	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:47	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:47	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:47	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	97.0	30-150		10/21/14 19:47
Decachlorobiphenyl [2]	107	30-150		10/21/14 19:47
Tetrachloro-m-xylene [1]	93.5	30-150		10/21/14 19:47
Tetrachloro-m-xylene [2]	102	30-150		10/21/14 19:47

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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-02 Gym Office | Sampled: 10/20/2014 00:00

Sample ID: 14J0952-02

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:59	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:59	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:59	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:59	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:59	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:59	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:59	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:59	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 19:59	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.4	30-150		10/21/14 19:59
Decachlorobiphenyl [2]	104	30-150		10/21/14 19:59
Tetrachloro-m-xylene [1]	88.5	30-150		10/21/14 19:59
Tetrachloro-m-xylene [2]	97.1	30-150		10/21/14 19:59

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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-03 Gym Office
Sampled: 10/20/2014 00:00

Sample ID: 14J0952-03

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:12	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:12	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:12	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:12	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:12	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:12	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:12	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:12	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:12	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.7	30-150		10/21/14 20:12
Decachlorobiphenyl [2]	108	30-150		10/21/14 20:12
Tetrachloro-m-xylene [1]	92.0	30-150		10/21/14 20:12
Tetrachloro-m-xylene [2]	101	30-150		10/21/14 20:12

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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-04 Gym Office | Sampled: 10/20/2014 00:00

Sample ID: 14J0952-04

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:25	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:25	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:25	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:25	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:25	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:25	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:25	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:25	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:25	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.1	30-150		10/21/14 20:25
Decachlorobiphenyl [2]	110	30-150		10/21/14 20:25
Tetrachloro-m-xylene [1]	96.5	30-150		10/21/14 20:25
Tetrachloro-m-xylene [2]	105	30-150		10/21/14 20:25

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: 14J0952
Date Received: 10/20/2014
Field Sample #: W1020-05 Gym
Sampled: 10/20/2014 00:00
Sample ID: 14J0952-05
Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:37	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:37	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:37	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:37	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:37	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:37	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:37	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:37	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:37	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	102	30-150		10/21/14 20:37
Decachlorobiphenyl [2]	113	30-150		10/21/14 20:37
Tetrachloro-m-xylene [1]	98.5	30-150		10/21/14 20:37
Tetrachloro-m-xylene [2]	108	30-150		10/21/14 20:37

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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-06 Gym | Sampled: 10/20/2014 00:00

Sample ID: 14J0952-06

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:50	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:50	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:50	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:50	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:50	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:50	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:50	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:50	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:50	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		10/21/14 20:50
Decachlorobiphenyl [2]	111	30-150		10/21/14 20:50
Tetrachloro-m-xylene [1]	93.2	30-150		10/21/14 20:50
Tetrachloro-m-xylene [2]	103	30-150		10/21/14 20:50

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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-07 Gym | Sampled: 10/20/2014 00:00

Sample ID: 14J0952-07

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:03	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:03	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:03	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:03	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:03	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:03	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:03	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:03	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:03	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		10/21/14 21:03
Decachlorobiphenyl [2]	113	30-150		10/21/14 21:03
Tetrachloro-m-xylene [1]	96.7	30-150		10/21/14 21:03
Tetrachloro-m-xylene [2]	106	30-150		10/21/14 21:03

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-08 Gym | Sampled: 10/20/2014 00:00

Sample ID: 14J0952-08

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:15	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:15	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:15	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:15	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:15	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:15	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:15	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:15	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:15	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	112	30-150		10/21/14 21:15
Decachlorobiphenyl [2]	125	30-150		10/21/14 21:15
Tetrachloro-m-xylene [1]	98.4	30-150		10/21/14 21:15
Tetrachloro-m-xylene [2]	108	30-150		10/21/14 21:15

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-09 Gym
Sampled: 10/20/2014 00:00

Sample ID: 14J0952-09

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:28	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:28	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:28	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:28	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:28	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:28	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:28	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:28	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:28	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.9	30-150		10/21/14 21:28
Decachlorobiphenyl [2]	110	30-150		10/21/14 21:28
Tetrachloro-m-xylene [1]	93.0	30-150		10/21/14 21:28
Tetrachloro-m-xylene [2]	100	30-150		10/21/14 21:28

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-10 Gym
Sampled: 10/20/2014 00:00

Sample ID: 14J0952-10

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:19	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:19	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:19	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:19	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:19	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:19	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:19	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:19	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:19	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.3	30-150		10/21/14 22:19
Decachlorobiphenyl [2]	109	30-150		10/21/14 22:19
Tetrachloro-m-xylene [1]	94.2	30-150		10/21/14 22:19
Tetrachloro-m-xylene [2]	100	30-150		10/21/14 22:19

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-11 Gym
Sampled: 10/20/2014 00:00

Sample ID: 14J0952-11

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:32	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:32	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:32	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:32	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:32	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:32	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:32	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:32	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:32	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	97.7	30-150		10/21/14 22:32
Decachlorobiphenyl [2]	108	30-150		10/21/14 22:32
Tetrachloro-m-xylene [1]	96.1	30-150		10/21/14 22:32
Tetrachloro-m-xylene [2]	103	30-150		10/21/14 22:32

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-12 Gym
Sampled: 10/20/2014 00:00

Sample ID: 14J0952-12

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:44	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:44	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:44	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:44	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:44	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:44	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:44	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:44	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:44	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.5	30-150		10/21/14 22:44
Decachlorobiphenyl [2]	107	30-150		10/21/14 22:44
Tetrachloro-m-xylene [1]	92.3	30-150		10/21/14 22:44
Tetrachloro-m-xylene [2]	98.8	30-150		10/21/14 22:44

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-13 Gym
Sampled: 10/20/2014 00:00

Sample ID: 14J0952-13

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:57	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:57	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:57	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:57	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:57	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:57	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:57	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:57	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 22:57	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.5	30-150		10/21/14 22:57
Decachlorobiphenyl [2]	106	30-150		10/21/14 22:57
Tetrachloro-m-xylene [1]	94.7	30-150		10/21/14 22:57
Tetrachloro-m-xylene [2]	102	30-150		10/21/14 22:57

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-14 Gym
Sampled: 10/20/2014 00:00

Sample ID: 14J0952-14

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:10	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:10	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:10	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:10	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:10	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:10	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:10	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:10	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:10	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	102	30-150		10/21/14 23:10
Decachlorobiphenyl [2]	114	30-150		10/21/14 23:10
Tetrachloro-m-xylene [1]	97.2	30-150		10/21/14 23:10
Tetrachloro-m-xylene [2]	106	30-150		10/21/14 23:10

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-15 Gym
Sampled: 10/20/2014 00:00

Sample ID: 14J0952-15

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:22	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:22	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:22	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:22	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:22	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:22	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:22	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:22	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:22	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		10/21/14 23:22
Decachlorobiphenyl [2]	112	30-150		10/21/14 23:22
Tetrachloro-m-xylene [1]	95.8	30-150		10/21/14 23:22
Tetrachloro-m-xylene [2]	103	30-150		10/21/14 23:22

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-16 Gym | Sampled: 10/20/2014 00:00

Sample ID: 14J0952-16

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:35	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:35	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:35	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:35	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:35	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:35	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:35	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:35	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:35	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	106	30-150		10/21/14 23:35
Decachlorobiphenyl [2]	116	30-150		10/21/14 23:35
Tetrachloro-m-xylene [1]	104	30-150		10/21/14 23:35
Tetrachloro-m-xylene [2]	113	30-150		10/21/14 23:35

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-17 Gym | Sampled: 10/20/2014 00:00

Sample ID: 14J0952-17

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:48	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:48	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:48	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:48	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:48	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:48	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:48	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:48	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 23:48	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		10/21/14 23:48
Decachlorobiphenyl [2]	114	30-150		10/21/14 23:48
Tetrachloro-m-xylene [1]	99.2	30-150		10/21/14 23:48
Tetrachloro-m-xylene [2]	108	30-150		10/21/14 23:48

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-18 Gym
Sampled: 10/20/2014 00:00

Sample ID: 14J0952-18

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:01	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:01	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:01	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:01	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:01	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:01	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:01	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:01	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:01	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.0	30-150		10/22/14 0:01
Decachlorobiphenyl [2]	111	30-150		10/22/14 0:01
Tetrachloro-m-xylene [1]	98.2	30-150		10/22/14 0:01
Tetrachloro-m-xylene [2]	106	30-150		10/22/14 0:01

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-19 Gym
Sampled: 10/20/2014 00:00

Sample ID: 14J0952-19

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:13	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:13	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:13	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:13	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:13	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:13	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:13	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:13	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:13	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.1	30-150		10/22/14 0:13
Decachlorobiphenyl [2]	110	30-150		10/22/14 0:13
Tetrachloro-m-xylene [1]	100	30-150		10/22/14 0:13
Tetrachloro-m-xylene [2]	108	30-150		10/22/14 0:13

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-20 Gym
Sampled: 10/20/2014 00:00

Sample ID: 14J0952-20

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:26	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:26	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:26	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:26	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:26	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:26	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:26	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:26	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/22/14 0:26	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		10/22/14 0:26
Decachlorobiphenyl [2]	114	30-150		10/22/14 0:26
Tetrachloro-m-xylene [1]	101	30-150		10/22/14 0:26
Tetrachloro-m-xylene [2]	112	30-150		10/22/14 0:26

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-21 Gym
Sampled: 10/20/2014 00:00

Sample ID: 14J0952-21

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:02	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:02	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:02	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:02	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:02	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:02	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:02	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:02	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:02	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		10/21/14 20:02
Decachlorobiphenyl [2]	95.4	30-150		10/21/14 20:02
Tetrachloro-m-xylene [1]	103	30-150		10/21/14 20:02
Tetrachloro-m-xylene [2]	107	30-150		10/21/14 20:02

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-22 Gym | Sampled: 10/20/2014 00:00

Sample ID: 14J0952-22

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:15	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:15	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:15	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:15	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:15	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:15	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:15	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:15	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:15	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	115	30-150		10/21/14 20:15
Decachlorobiphenyl [2]	102	30-150		10/21/14 20:15
Tetrachloro-m-xylene [1]	110	30-150		10/21/14 20:15
Tetrachloro-m-xylene [2]	114	30-150		10/21/14 20:15

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-23 Gym
Sampled: 10/20/2014 00:00

Sample ID: 14J0952-23

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:27	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:27	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:27	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:27	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:27	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:27	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:27	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:27	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:27	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	118	30-150		10/21/14 20:27
Decachlorobiphenyl [2]	104	30-150		10/21/14 20:27
Tetrachloro-m-xylene [1]	110	30-150		10/21/14 20:27
Tetrachloro-m-xylene [2]	114	30-150		10/21/14 20:27

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-24 Gym | Sampled: 10/20/2014 00:00

Sample ID: 14J0952-24

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:39	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:39	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:39	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:39	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:39	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:39	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:39	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:39	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:39	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		10/21/14 20:39
Decachlorobiphenyl [2]	96.2	30-150		10/21/14 20:39
Tetrachloro-m-xylene [1]	99.8	30-150		10/21/14 20:39
Tetrachloro-m-xylene [2]	104	30-150		10/21/14 20:39

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-25 Blank | Sampled: 10/20/2014 00:00

Sample ID: 14J0952-25

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:52	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:52	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:52	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:52	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:52	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:52	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:52	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:52	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 20:52	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	111	30-150		10/21/14 20:52
Decachlorobiphenyl [2]	98.2	30-150		10/21/14 20:52
Tetrachloro-m-xylene [1]	108	30-150		10/21/14 20:52
Tetrachloro-m-xylene [2]	112	30-150		10/21/14 20:52

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-26 Blank
Sampled: 10/20/2014 00:00

Sample ID: 14J0952-26

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:04	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:04	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:04	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:04	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:04	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:04	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:04	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:04	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:04	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	121	30-150		10/21/14 21:04
Decachlorobiphenyl [2]	107	30-150		10/21/14 21:04
Tetrachloro-m-xylene [1]	103	30-150		10/21/14 21:04
Tetrachloro-m-xylene [2]	106	30-150		10/21/14 21:04

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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: 14J0952

Date Received: 10/20/2014

Field Sample #: W1020-27 Blank
Sampled: 10/20/2014 00:00

Sample ID: 14J0952-27

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:16	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:16	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:16	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:16	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:16	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:16	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:16	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:16	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/20/14	10/21/14 21:16	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	114	30-150		10/21/14 21:16
Decachlorobiphenyl [2]	101	30-150		10/21/14 21:16
Tetrachloro-m-xylene [1]	99.8	30-150		10/21/14 21:16
Tetrachloro-m-xylene [2]	104	30-150		10/21/14 21:16

con-test® ANALYTICAL LABORATORY

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

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
14J0952-01 [W1020-01 Gym Office]	B107620	1.00	10.0	10/20/14
14J0952-02 [W1020-02 Gym Office]	B107620	1.00	10.0	10/20/14
14J0952-03 [W1020-03 Gym Office]	B107620	1.00	10.0	10/20/14
14J0952-04 [W1020-04 Gym Office]	B107620	1.00	10.0	10/20/14
14J0952-05 [W1020-05 Gym]	B107620	1.00	10.0	10/20/14
14J0952-06 [W1020-06 Gym]	B107620	1.00	10.0	10/20/14
14J0952-07 [W1020-07 Gym]	B107620	1.00	10.0	10/20/14
14J0952-08 [W1020-08 Gym]	B107620	1.00	10.0	10/20/14
14J0952-09 [W1020-09 Gym]	B107620	1.00	10.0	10/20/14
14J0952-10 [W1020-10 Gym]	B107620	1.00	10.0	10/20/14
14J0952-11 [W1020-11 Gym]	B107620	1.00	10.0	10/20/14
14J0952-12 [W1020-12 Gym]	B107620	1.00	10.0	10/20/14
14J0952-13 [W1020-13 Gym]	B107620	1.00	10.0	10/20/14
14J0952-14 [W1020-14 Gym]	B107620	1.00	10.0	10/20/14
14J0952-15 [W1020-15 Gym]	B107620	1.00	10.0	10/20/14
14J0952-16 [W1020-16 Gym]	B107620	1.00	10.0	10/20/14
14J0952-17 [W1020-17 Gym]	B107620	1.00	10.0	10/20/14
14J0952-18 [W1020-18 Gym]	B107620	1.00	10.0	10/20/14
14J0952-19 [W1020-19 Gym]	B107620	1.00	10.0	10/20/14
14J0952-20 [W1020-20 Gym]	B107620	1.00	10.0	10/20/14

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

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
14J0952-21 [W1020-21 Gym]	B107621	1.00	10.0	10/20/14
14J0952-22 [W1020-22 Gym]	B107621	1.00	10.0	10/20/14
14J0952-23 [W1020-23 Gym]	B107621	1.00	10.0	10/20/14
14J0952-24 [W1020-24 Gym]	B107621	1.00	10.0	10/20/14
14J0952-25 [W1020-25 Blank]	B107621	1.00	10.0	10/20/14
14J0952-26 [W1020-26 Blank]	B107621	1.00	10.0	10/20/14
14J0952-27 [W1020-27 Blank]	B107621	1.00	10.0	10/20/14

con-test® ANALYTICAL LABORATORY

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

QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B107620 - SW-846 3540C										
Blank (B107620-BLK1)				Prepared: 10/20/14 Analyzed: 10/21/14						
Aroclor-1016	ND	0.20	µg/Wipe							
Aroclor-1016 [2C]	ND	0.20	µg/Wipe							
Aroclor-1221	ND	0.20	µg/Wipe							
Aroclor-1221 [2C]	ND	0.20	µg/Wipe							
Aroclor-1232	ND	0.20	µg/Wipe							
Aroclor-1232 [2C]	ND	0.20	µg/Wipe							
Aroclor-1242	ND	0.20	µg/Wipe							
Aroclor-1242 [2C]	ND	0.20	µg/Wipe							
Aroclor-1248	ND	0.20	µg/Wipe							
Aroclor-1248 [2C]	ND	0.20	µg/Wipe							
Aroclor-1254	ND	0.20	µg/Wipe							
Aroclor-1254 [2C]	ND	0.20	µg/Wipe							
Aroclor-1260	ND	0.20	µg/Wipe							
Aroclor-1260 [2C]	ND	0.20	µg/Wipe							
Aroclor-1262	ND	0.20	µg/Wipe							
Aroclor-1262 [2C]	ND	0.20	µg/Wipe							
Aroclor-1268	ND	0.20	µg/Wipe							
Aroclor-1268 [2C]	ND	0.20	µg/Wipe							
Surrogate: Decachlorobiphenyl	*3.73*		µg/Wipe	4.00		93.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*4.36*		µg/Wipe	4.00		109	30-150			
Surrogate: Tetrachloro-m-xylene	*3.55*		µg/Wipe	4.00		88.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*4.06*		µg/Wipe	4.00		102	30-150			
LCS (B107620-BS1)				Prepared: 10/20/14 Analyzed: 10/21/14						
Aroclor-1016	0.47	0.20	µg/Wipe	0.500		94.8	40-140			
Aroclor-1016 [2C]	0.54	0.20	µg/Wipe	0.500		109	40-140			
Aroclor-1260	0.45	0.20	µg/Wipe	0.500		89.6	40-140			
Aroclor-1260 [2C]	0.51	0.20	µg/Wipe	0.500		101	40-140			
Surrogate: Decachlorobiphenyl	*1.90*		µg/Wipe	2.00		95.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.08*		µg/Wipe	2.00		104	30-150			
Surrogate: Tetrachloro-m-xylene	*1.83*		µg/Wipe	2.00		91.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.01*		µg/Wipe	2.00		101	30-150			
LCS Dup (B107620-BSD1)				Prepared: 10/20/14 Analyzed: 10/21/14						
Aroclor-1016	0.46	0.20	µg/Wipe	0.500		92.9	40-140	1.95	30	
Aroclor-1016 [2C]	0.49	0.20	µg/Wipe	0.500		99.0	40-140	9.44	30	
Aroclor-1260	0.45	0.20	µg/Wipe	0.500		90.7	40-140	1.20	30	
Aroclor-1260 [2C]	0.52	0.20	µg/Wipe	0.500		104	40-140	2.77	30	
Surrogate: Decachlorobiphenyl	*1.93*		µg/Wipe	2.00		96.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.14*		µg/Wipe	2.00		107	30-150			
Surrogate: Tetrachloro-m-xylene	*1.85*		µg/Wipe	2.00		92.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.03*		µg/Wipe	2.00		102	30-150			

con-test® ANALYTICAL LABORATORY

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

QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B107621 - SW-846 3540C										
Blank (B107621-BLK1)				Prepared: 10/20/14 Analyzed: 10/21/14						
Aroclor-1016	ND	0.20	µg/Wipe							
Aroclor-1016 [2C]	ND	0.20	µg/Wipe							
Aroclor-1221	ND	0.20	µg/Wipe							
Aroclor-1221 [2C]	ND	0.20	µg/Wipe							
Aroclor-1232	ND	0.20	µg/Wipe							
Aroclor-1232 [2C]	ND	0.20	µg/Wipe							
Aroclor-1242	ND	0.20	µg/Wipe							
Aroclor-1242 [2C]	ND	0.20	µg/Wipe							
Aroclor-1248	ND	0.20	µg/Wipe							
Aroclor-1248 [2C]	ND	0.20	µg/Wipe							
Aroclor-1254	ND	0.20	µg/Wipe							
Aroclor-1254 [2C]	ND	0.20	µg/Wipe							
Aroclor-1260	ND	0.20	µg/Wipe							
Aroclor-1260 [2C]	ND	0.20	µg/Wipe							
Aroclor-1262	ND	0.20	µg/Wipe							
Aroclor-1262 [2C]	ND	0.20	µg/Wipe							
Aroclor-1268	ND	0.20	µg/Wipe							
Aroclor-1268 [2C]	ND	0.20	µg/Wipe							
Surrogate: Decachlorobiphenyl	*2.31*		µg/Wipe	2.00		115	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.06*		µg/Wipe	2.00		103	30-150			
Surrogate: Tetrachloro-m-xylene	*2.21*		µg/Wipe	2.00		111	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.28*		µg/Wipe	2.00		114	30-150			
LCS (B107621-BS1)				Prepared: 10/20/14 Analyzed: 10/21/14						
Aroclor-1016	0.60	0.20	µg/Wipe	0.500		119	40-140			
Aroclor-1016 [2C]	0.50	0.20	µg/Wipe	0.500		101	40-140			
Aroclor-1260	0.54	0.20	µg/Wipe	0.500		108	40-140			
Aroclor-1260 [2C]	0.48	0.20	µg/Wipe	0.500		95.8	40-140			
Surrogate: Decachlorobiphenyl	*2.31*		µg/Wipe	2.00		116	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.04*		µg/Wipe	2.00		102	30-150			
Surrogate: Tetrachloro-m-xylene	*2.24*		µg/Wipe	2.00		112	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.32*		µg/Wipe	2.00		116	30-150			

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B107620-BS1

Date(s) Analyzed: 10/21/2014 10/21/2014

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	0.47	
	2	0.00	0.00	0.00	0.54	13
Aroclor-1260	1	0.00	0.00	0.00	0.45	
	2	0.00	0.00	0.00	0.51	13

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B107620-BSD1 Date(s) Analyzed: 10/21/2014 10/21/2014

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	0.46	
	2	0.00	0.00	0.00	0.49	5
Aroclor-1260	1	0.00	0.00	0.00	0.45	
	2	0.00	0.00	0.00	0.52	14

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B107621-BS1 Date(s) Analyzed: 10/21/2014 10/21/2014

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	0.60	
	2	0.00	0.00	0.00	0.50	17
Aroclor-1260	1	0.00	0.00	0.00	0.54	
	2	0.00	0.00	0.00	0.48	12

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

FLAG/QUALIFIER SUMMARY

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

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

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

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

No certified Analyses included in this Report

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	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015

Table of Contents

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

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

14J0952

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

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	# of Containers	** Preservation	***Container Code
01	W1020-01 Gym Office	10/20/14			x			✓			
02	W1020-02 Gym Office	10/20/14			x			✓			
03	W1020-03 Gym Office	10/20/14			x			✓			
04	W1020-04 Gym Office	10/20/14			x			✓			
05	W1020-05 Gym	10/20/14			x			✓			
06	W1020-06 Gym	10/20/14			x			✓			
07	W1020-07 Gym	10/20/14			x			✓			
08	W1020-08 Gym	10/20/14			x			✓			
09	W1020-09 Gym	10/20/14			x			✓			
10	W1020-10 Gym	10/20/14			x			✓			

Comments: Surface area Sampled 100cm²

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

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Relinquished by: (signature)	Date/Time:	
Received by: (signature) 10/20/14	Date/Time: 12:45	
Relinquished by: (signature) 10/20/14	Date/Time: 15:50	
Received by: (signature) 10/20/14	Date/Time: 15:50	

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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Table of Contents

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

14J0952

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

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	# of Containers	** Preservation	***Container Code
11	W1020-11 Gym	10/20/14			x			✓			
12	W1020-12 Gym	10/20/14			x			✓			
13	W1020-13 Gym	10/20/14			x			✓			
14	W1020-14 Gym	10/20/14			x			✓			
15	W1020-15 Gym	10/20/14			x			✓			
16	W1020-16 Gym	10/20/14			x			✓			
17	W1020-17 Gym	10/20/14			x			✓			
18	W1020-18 Gym	10/20/14			x			✓			
19	W1020-19 Gym	10/20/14			x			✓			
20	W1020-20 Gym	10/20/14			x			✓			

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: Surface area sampled 100cm²

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) Sandra Owen	Date/Time:	
Received by: (signature)	Date/Time: 10/20/14 12:45	
Relinquished by: (signature)	Date/Time: 10/20/14 3:50	
Received by: (signature) 10/20/14	Date/Time: 4:42 15:50	

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

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14J0952

Company Name: AMC Environmental
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Project Location: Osborn School
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○ 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	# of Containers	** Preservation	***Container Code
21	W1020-21 Gym	10/20/14			x			✓			
22	W1020-22 Gym	10/20/14			x			✓			
23	W1020-23 Gym	10/20/14			x			✓			
24	W1020-24 Gym	10/20/14			x			✓			
25	W1020-25 Blank	10/20/14						✓			
26	W1020-26 Blank	10/20/14						✓			
27	W1021-27 Blank	10/20/14						✓			
								✓			
								✓			
								✓			

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: Surface area sampled 100cm2

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) Sandra Owen	Date/Time:	
Received by: (signature)	Date/Time: 10/20/14 12:40	
Relinquished by: (signature) 10/20/14	Date/Time: 3:50	
Received by: (signature) 10/20/14 4.4°C	Date/Time: 15:50	

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 # _____

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene

NELAC & AIHA Certified
WBE/DBE Certified

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

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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

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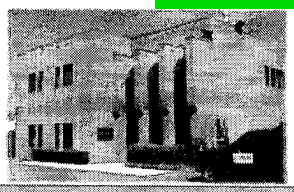

Sample Receipt Checklist

CLIENT NAME: AMC Environmental **RECEIVED BY:** MJ **DATE:** 10/20/14

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 4.4°

5) **Are there Dissolved samples for the lab to filter?** **Yes** **No**
   Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** **Yes** **No**
   Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** 19

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

8) **Do all samples have the proper Acid pH:** **Yes** **No** **N/A** _____
9) **Do all samples have the proper Base pH:** **Yes** **No** **N/A** _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** **Yes** **No** **N/A**

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	27
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:

Doc# 277
Rev. 4 August 2013

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.	NA	
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.	NA	
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:**

MJ 10/20/14 15:50

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

December 11, 2014

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

Project Location: Osborn - Gym
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 14L0408

Enclosed are results of analyses for samples received by the laboratory on December 9, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

Table of Contents

Sample Summary 4

Case Narrative 5

Sample Results 6

14L0408-01 6

14L0408-02 7

14L0408-03 8

14L0408-04 9

14L0408-05 10

14L0408-06 11

14L0408-07 12

14L0408-08 13

14L0408-09 14

14L0408-10 15

14L0408-11 16

14L0408-12 17

14L0408-13 18

14L0408-14 19

14L0408-15 20

14L0408-16 21

14L0408-17 22

14L0408-18 23

14L0408-19 24

14L0408-20 25

Sample Preparation Information 26

QC Data 27

Polychlorinated Biphenyls with 3540 Soxhlet Extraction 27

Table of Contents (continued)

B111384	27
Dual Column RPD Report	28
Flag/Qualifier Summary	30
Certifications	31
Chain of Custody/Sample Receipt	32

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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: 12/11/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14L0408

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

PROJECT LOCATION: Osborn - Gym

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
W120801	14L0408-01	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120802	14L0408-02	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120803	14L0408-03	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120804	14L0408-04	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120805	14L0408-05	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120806	14L0408-06	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120807	14L0408-07	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120808	14L0408-08	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120809	14L0408-09	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120810	14L0408-10	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120811	14L0408-11	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120812	14L0408-12	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120813	14L0408-13	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120814	14L0408-14	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120815	14L0408-15	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120816	14L0408-16	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120817	14L0408-17	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120818	14L0408-18	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120819	14L0408-19	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120820	14L0408-20	Wipe	Encapsulated Gym Floor	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:

V-06

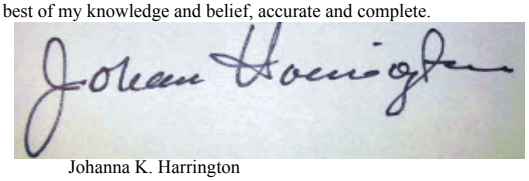
Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

Aroclor-1016 [2C]
B111384-BS1, B111384-BSD1

Aroclor-1260 [2C]
B111384-BS1, B111384-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.



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 - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120801
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-01

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:22	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:22	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:22	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:22	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:22	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:22	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:22	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:22	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:22	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	88.3	30-150		12/10/14 21:22
Decachlorobiphenyl [2]	115	30-150		12/10/14 21:22
Tetrachloro-m-xylene [1]	80.5	30-150		12/10/14 21:22
Tetrachloro-m-xylene [2]	94.2	30-150		12/10/14 21:22

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120802
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-02

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:35	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:35	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:35	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:35	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:35	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:35	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:35	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:35	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:35	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	88.0	30-150		12/10/14 21:35
Decachlorobiphenyl [2]	112	30-150		12/10/14 21:35
Tetrachloro-m-xylene [1]	77.9	30-150		12/10/14 21:35
Tetrachloro-m-xylene [2]	91.7	30-150		12/10/14 21:35

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120803
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-03

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:48	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:48	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:48	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:48	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:48	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:48	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:48	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:48	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 21:48	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.6	30-150		12/10/14 21:48
Decachlorobiphenyl [2]	124	30-150		12/10/14 21:48
Tetrachloro-m-xylene [1]	86.6	30-150		12/10/14 21:48
Tetrachloro-m-xylene [2]	102	30-150		12/10/14 21:48

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120804
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-04

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:01	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:01	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:01	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:01	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:01	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:01	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:01	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:01	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:01	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.4	30-150		12/10/14 22:01
Decachlorobiphenyl [2]	123	30-150		12/10/14 22:01
Tetrachloro-m-xylene [1]	81.9	30-150		12/10/14 22:01
Tetrachloro-m-xylene [2]	96.9	30-150		12/10/14 22:01

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120805
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-05

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:14	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:14	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:14	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:14	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:14	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:14	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:14	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:14	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:14	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	91.0	30-150		12/10/14 22:14
Decachlorobiphenyl [2]	117	30-150		12/10/14 22:14
Tetrachloro-m-xylene [1]	81.2	30-150		12/10/14 22:14
Tetrachloro-m-xylene [2]	96.3	30-150		12/10/14 22:14

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Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120806
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-06

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:27	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:27	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:27	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:27	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:27	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:27	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:27	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:27	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:27	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	86.3	30-150		12/10/14 22:27
Decachlorobiphenyl [2]	112	30-150		12/10/14 22:27
Tetrachloro-m-xylene [1]	76.9	30-150		12/10/14 22:27
Tetrachloro-m-xylene [2]	91.3	30-150		12/10/14 22:27

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120807
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-07

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:40	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:40	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:40	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:40	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:40	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:40	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:40	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:40	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:40	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.8	30-150		12/10/14 22:40
Decachlorobiphenyl [2]	113	30-150		12/10/14 22:40
Tetrachloro-m-xylene [1]	75.1	30-150		12/10/14 22:40
Tetrachloro-m-xylene [2]	89.4	30-150		12/10/14 22:40

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120808
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-08

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:53	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:53	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:53	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:53	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:53	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:53	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:53	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:53	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 22:53	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.2	30-150		12/10/14 22:53
Decachlorobiphenyl [2]	125	30-150		12/10/14 22:53
Tetrachloro-m-xylene [1]	85.2	30-150		12/10/14 22:53
Tetrachloro-m-xylene [2]	102	30-150		12/10/14 22:53

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120809
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-09

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:06	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:06	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:06	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:06	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:06	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:06	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:06	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:06	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:06	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	88.7	30-150		12/10/14 23:06
Decachlorobiphenyl [2]	115	30-150		12/10/14 23:06
Tetrachloro-m-xylene [1]	77.8	30-150		12/10/14 23:06
Tetrachloro-m-xylene [2]	92.7	30-150		12/10/14 23:06

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120810
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-10

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:19	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:19	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:19	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:19	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:19	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:19	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:19	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:19	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:19	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.4	30-150		12/10/14 23:19
Decachlorobiphenyl [2]	116	30-150		12/10/14 23:19
Tetrachloro-m-xylene [1]	84.1	30-150		12/10/14 23:19
Tetrachloro-m-xylene [2]	100	30-150		12/10/14 23:19

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120811
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-11

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:58	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:58	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:58	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:58	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:58	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:58	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:58	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:58	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/10/14 23:58	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	68.9	30-150		12/10/14 23:58
Decachlorobiphenyl [2]	91.3	30-150		12/10/14 23:58
Tetrachloro-m-xylene [1]	51.5	30-150		12/10/14 23:58
Tetrachloro-m-xylene [2]	61.7	30-150		12/10/14 23:58

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120812
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-12

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:11	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:11	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:11	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:11	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:11	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:11	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:11	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:11	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:11	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.9	30-150		12/11/14 0:11
Decachlorobiphenyl [2]	116	30-150		12/11/14 0:11
Tetrachloro-m-xylene [1]	82.3	30-150		12/11/14 0:11
Tetrachloro-m-xylene [2]	97.6	30-150		12/11/14 0:11

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120813
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-13

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:24	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:24	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:24	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:24	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:24	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:24	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:24	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:24	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:24	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	78.3	30-150		12/11/14 0:24
Decachlorobiphenyl [2]	99.6	30-150		12/11/14 0:24
Tetrachloro-m-xylene [1]	74.7	30-150		12/11/14 0:24
Tetrachloro-m-xylene [2]	89.0	30-150		12/11/14 0:24

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120814
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-14

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:37	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:37	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:37	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:37	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:37	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:37	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:37	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:37	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:37	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.5	30-150		12/11/14 0:37
Decachlorobiphenyl [2]	106	30-150		12/11/14 0:37
Tetrachloro-m-xylene [1]	75.2	30-150		12/11/14 0:37
Tetrachloro-m-xylene [2]	89.6	30-150		12/11/14 0:37

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120815
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-15

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:50	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:50	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:50	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:50	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:50	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:50	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:50	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:50	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 0:50	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	84.9	30-150		12/11/14 0:50
Decachlorobiphenyl [2]	109	30-150		12/11/14 0:50
Tetrachloro-m-xylene [1]	75.9	30-150		12/11/14 0:50
Tetrachloro-m-xylene [2]	89.8	30-150		12/11/14 0:50

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120816
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-16

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:02	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:02	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:02	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:02	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:02	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:02	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:02	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:02	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:02	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	97.6	30-150		12/11/14 1:02
Decachlorobiphenyl [2]	126	30-150		12/11/14 1:02
Tetrachloro-m-xylene [1]	85.9	30-150		12/11/14 1:02
Tetrachloro-m-xylene [2]	101	30-150		12/11/14 1:02

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120817
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-17

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:15	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:15	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:15	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:15	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:15	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:15	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:15	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:15	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:15	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	84.5	30-150		12/11/14 1:15
Decachlorobiphenyl [2]	108	30-150		12/11/14 1:15
Tetrachloro-m-xylene [1]	77.7	30-150		12/11/14 1:15
Tetrachloro-m-xylene [2]	91.2	30-150		12/11/14 1:15

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120818
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-18

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:28	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:28	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:28	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:28	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:28	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:28	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:28	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:28	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:28	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	66.9	30-150		12/11/14 1:28
Decachlorobiphenyl [2]	85.4	30-150		12/11/14 1:28
Tetrachloro-m-xylene [1]	40.6	30-150		12/11/14 1:28
Tetrachloro-m-xylene [2]	48.1	30-150		12/11/14 1:28

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120819
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-19

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:41	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:41	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:41	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:41	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:41	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:41	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:41	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:41	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:41	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.2	30-150		12/11/14 1:41
Decachlorobiphenyl [2]	121	30-150		12/11/14 1:41
Tetrachloro-m-xylene [1]	82.1	30-150		12/11/14 1:41
Tetrachloro-m-xylene [2]	96.1	30-150		12/11/14 1:41

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0408

Date Received: 12/9/2014

Field Sample #: W120820
Sampled: 12/8/2014 00:00

Sample ID: 14L0408-20

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:54	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:54	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:54	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:54	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:54	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:54	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:54	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:54	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/9/14	12/11/14 1:54	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.3	30-150		12/11/14 1:54
Decachlorobiphenyl [2]	119	30-150		12/11/14 1:54
Tetrachloro-m-xylene [1]	83.3	30-150		12/11/14 1:54
Tetrachloro-m-xylene [2]	97.5	30-150		12/11/14 1:54

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

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
14L0408-01 [W120801]	B111384	1.00	10.0	12/09/14
14L0408-02 [W120802]	B111384	1.00	10.0	12/09/14
14L0408-03 [W120803]	B111384	1.00	10.0	12/09/14
14L0408-04 [W120804]	B111384	1.00	10.0	12/09/14
14L0408-05 [W120805]	B111384	1.00	10.0	12/09/14
14L0408-06 [W120806]	B111384	1.00	10.0	12/09/14
14L0408-07 [W120807]	B111384	1.00	10.0	12/09/14
14L0408-08 [W120808]	B111384	1.00	10.0	12/09/14
14L0408-09 [W120809]	B111384	1.00	10.0	12/09/14
14L0408-10 [W120810]	B111384	1.00	10.0	12/09/14
14L0408-11 [W120811]	B111384	1.00	10.0	12/09/14
14L0408-12 [W120812]	B111384	1.00	10.0	12/09/14
14L0408-13 [W120813]	B111384	1.00	10.0	12/09/14
14L0408-14 [W120814]	B111384	1.00	10.0	12/09/14
14L0408-15 [W120815]	B111384	1.00	10.0	12/09/14
14L0408-16 [W120816]	B111384	1.00	10.0	12/09/14
14L0408-17 [W120817]	B111384	1.00	10.0	12/09/14
14L0408-18 [W120818]	B111384	1.00	10.0	12/09/14
14L0408-19 [W120819]	B111384	1.00	10.0	12/09/14
14L0408-20 [W120820]	B111384	1.00	10.0	12/09/14

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

QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B111384 - SW-846 3540C										
Blank (B111384-BLK1)				Prepared: 12/09/14 Analyzed: 12/10/14						
Aroclor-1016	ND	0.20	µg/Wipe							
Aroclor-1016 [2C]	ND	0.20	µg/Wipe							
Aroclor-1221	ND	0.20	µg/Wipe							
Aroclor-1221 [2C]	ND	0.20	µg/Wipe							
Aroclor-1232	ND	0.20	µg/Wipe							
Aroclor-1232 [2C]	ND	0.20	µg/Wipe							
Aroclor-1242	ND	0.20	µg/Wipe							
Aroclor-1242 [2C]	ND	0.20	µg/Wipe							
Aroclor-1248	ND	0.20	µg/Wipe							
Aroclor-1248 [2C]	ND	0.20	µg/Wipe							
Aroclor-1254	ND	0.20	µg/Wipe							
Aroclor-1254 [2C]	ND	0.20	µg/Wipe							
Aroclor-1260	ND	0.20	µg/Wipe							
Aroclor-1260 [2C]	ND	0.20	µg/Wipe							
Aroclor-1262	ND	0.20	µg/Wipe							
Aroclor-1262 [2C]	ND	0.20	µg/Wipe							
Aroclor-1268	ND	0.20	µg/Wipe							
Aroclor-1268 [2C]	ND	0.20	µg/Wipe							
Surrogate: Decachlorobiphenyl	*1.75*		µg/Wipe	2.00		87.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.22*		µg/Wipe	2.00		111	30-150			
Surrogate: Tetrachloro-m-xylene	*1.58*		µg/Wipe	2.00		78.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.81*		µg/Wipe	2.00		90.7	30-150			
LCS (B111384-BS1)				Prepared: 12/09/14 Analyzed: 12/10/14						
Aroclor-1016	0.39	0.20	µg/Wipe	0.500		78.9	40-140			
Aroclor-1016 [2C]	0.48	0.20	µg/Wipe	0.500		97.0	40-140			V-06
Aroclor-1260	0.39	0.20	µg/Wipe	0.500		77.0	40-140			
Aroclor-1260 [2C]	0.50	0.20	µg/Wipe	0.500		101	40-140			V-06
Surrogate: Decachlorobiphenyl	*1.65*		µg/Wipe	2.00		82.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.12*		µg/Wipe	2.00		106	30-150			
Surrogate: Tetrachloro-m-xylene	*1.31*		µg/Wipe	2.00		65.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.52*		µg/Wipe	2.00		75.9	30-150			
LCS Dup (B111384-BSD1)				Prepared: 12/09/14 Analyzed: 12/10/14						
Aroclor-1016	0.47	0.20	µg/Wipe	0.500		94.1	40-140	17.6	30	
Aroclor-1016 [2C]	0.57	0.20	µg/Wipe	0.500		114	40-140	15.8	30	V-06
Aroclor-1260	0.46	0.20	µg/Wipe	0.500		91.7	40-140	17.4	30	
Aroclor-1260 [2C]	0.61	0.20	µg/Wipe	0.500		122	40-140	18.9	30	V-06
Surrogate: Decachlorobiphenyl	*1.89*		µg/Wipe	2.00		94.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.46*		µg/Wipe	2.00		123	30-150			
Surrogate: Tetrachloro-m-xylene	*1.68*		µg/Wipe	2.00		84.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.95*		µg/Wipe	2.00		97.6	30-150			

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B111384-BS1

Date(s) Analyzed: 12/10/2014 12/10/2014

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	0.39	
	2	0.00	0.00	0.00	0.48	20
Aroclor-1260	1	0.00	0.00	0.00	0.39	
	2	0.00	0.00	0.00	0.50	26

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B111384-BSD1 Date(s) Analyzed: 12/10/2014 12/10/2014

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	0.47	
	2	0.00	0.00	0.00	0.57	19
Aroclor-1260	1	0.00	0.00	0.00	0.46	
	2	0.00	0.00	0.00	0.61	29

con-test® ANALYTICAL LABORATORY

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

FLAG/QUALIFIER SUMMARY

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

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

No certified Analyses included in this Report

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	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
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

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

14L0408

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

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	W120801-encapsulated gym floor	12/8/14				W		✓
02	W120802-encapsulated gym floor	12/8/14				W		✓
03	W120803-encapsulted gym floor	12/8/14				W		✓
04	W120804-encapsulated gym floor	12/8/14				W		✓
05	W120805-encapsulated gym floor	12/8/14				W		✓
06	W120806-encapsulated gym floor	12/8/14				W		✓
07	W120807-encapsulated gym floor	12/8/14				W		✓
08	W120808-encapsulated gym floor	12/8/14				W		✓
09	W120809-encapsulated gym floor	12/8/14				W		✓
10	W120810-encapsulated gym floor	12/8/14				W		✓

# 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

Relinquished by: (signature) Paul Racicot	14:35	Date/Time: 12-9-14
Received by: (signature) [illegible]	14:35	Date/Time: 12-9-14
Relinquished by: (signature) Paul Racicot	18:45	Date/Time: 12-9-14
Received by: (signature) [illegible] 4.6°	12/9/14	Date/Time: 18:45

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

Table of Contents

con-test® ANALYTICAL LABORATORY

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

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page_____of_____

14L0408

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 - Gym

Sampled By: Jason Pringle

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	# of Containers	** Preservation	***Container Code
11	W120811-encapsulated gym floor	12/8/14				W		✓			
12	W120812-encapsulated gym floor	12/8/14				W		✓			
13	W120813-encapsulted gym floor	12/8/14				W		✓			
14	W120814-encapsulated gym floor	12/8/14				W		✓			
15	W120815-encapsulated gym floor	12/8/14				W		✓			
16	W120816-encapsulated gym floor	12/8/14				W		✓			
17	W120817-encapsulated gym floor	12/8/14				W		✓			
18	W120818-encapsulated gym floor	12/8/14				W		✓			
19	W120819-encapsulated gym floor	12/8/14				W		✓			
20	W120820-encapsulated gym floor	12/8/14				W		✓			

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: 12-9-14 14:30	
Received by: (signature)	Date/Time: 12-9-14 14:35	
Relinquished by: (signature)	Date/Time: 12-9-14 18:45	
Received by: (signature) 4.6° 12/9/14	Date/Time: 18:45	

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

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: KB DATE: 12/9/14

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 4.6°
5) Are there Dissolved samples for the lab to filter? Yes No
   Who was notified _____ Date _____ Time _____
6) Are there any RUSH or SHORT HOLDING TIME samples? Yes No
   Who was notified _____ Date _____ Time _____
7) Location where samples are stored: 19

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

8) Do all samples have the proper Acid pH: Yes No N/A _____
9) Do all samples have the proper Base pH: Yes No N/A _____
10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	26
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:

Doc# 277
Rev. 4 August 2013

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.	NA	
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.	NA	
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:** 12/9/14

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** KB **Date/Time:** 18:45

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

December 11, 2014

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

Project Location: Osborn - Gym
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 14L0409

Enclosed are results of analyses for samples received by the laboratory on December 9, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

Table of Contents

Sample Summary 3

Case Narrative 4

Sample Results 5

14L0409-01 5

14L0409-02 6

14L0409-03 7

14L0409-04 8

14L0409-05 9

14L0409-06 10

Sample Preparation Information 11

QC Data 12

Polychlorinated Biphenyls with 3540 Soxhlet Extraction 12

B111441 12

Dual Column RPD Report 13

Flag/Qualifier Summary 15

Certifications 16

Chain of Custody/Sample Receipt 17

con-test® ANALYTICAL LABORATORY

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

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

REPORT DATE: 12/11/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14L0409

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

PROJECT LOCATION: Osborn - Gym

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
W120821	14L0409-01	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120822	14L0409-02	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120823	14L0409-03	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120824	14L0409-04	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120825-Blank	14L0409-05	Wipe	Encapsulated Gym Floor	SW-846 8082A	
W120826-Blank	14L0409-06	Wipe	Encapsulated Gym Floor	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:

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:

Aroclor-1016 [2C]

B111441-BS1, B111441-BSD1

V-20

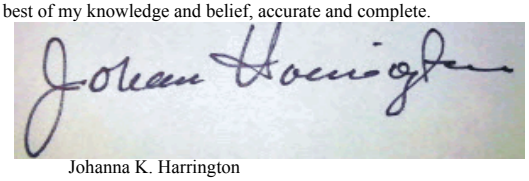
Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Aroclor-1016 [2C]

B111441-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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0409

Date Received: 12/9/2014

Field Sample #: W120821
Sampled: 12/8/2014 00:00

Sample ID: 14L0409-01

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:37	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:37	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:37	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:37	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:37	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:37	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:37	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:37	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:37	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		12/11/14 13:37
Decachlorobiphenyl [2]	102	30-150		12/11/14 13:37
Tetrachloro-m-xylene [1]	97.3	30-150		12/11/14 13:37
Tetrachloro-m-xylene [2]	94.0	30-150		12/11/14 13:37

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0409

Date Received: 12/9/2014

Field Sample #: W120822
Sampled: 12/8/2014 00:00

Sample ID: 14L0409-02

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:50	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:50	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:50	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:50	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:50	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:50	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:50	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:50	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 13:50	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.2	30-150		12/11/14 13:50
Decachlorobiphenyl [2]	98.7	30-150		12/11/14 13:50
Tetrachloro-m-xylene [1]	97.8	30-150		12/11/14 13:50
Tetrachloro-m-xylene [2]	95.6	30-150		12/11/14 13:50

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0409

Date Received: 12/9/2014

Field Sample #: W120823
Sampled: 12/8/2014 00:00

Sample ID: 14L0409-03

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:02	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:02	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:02	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:02	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:02	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:02	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:02	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:02	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:02	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.1	30-150		12/11/14 14:02
Decachlorobiphenyl [2]	96.0	30-150		12/11/14 14:02
Tetrachloro-m-xylene [1]	96.1	30-150		12/11/14 14:02
Tetrachloro-m-xylene [2]	97.1	30-150		12/11/14 14:02

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0409

Date Received: 12/9/2014

Field Sample #: W120824
Sampled: 12/8/2014 00:00

Sample ID: 14L0409-04

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:14	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:14	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:14	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:14	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:14	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:14	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:14	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:14	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:14	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	100	30-150		12/11/14 14:14
Decachlorobiphenyl [2]	102	30-150		12/11/14 14:14
Tetrachloro-m-xylene [1]	97.3	30-150		12/11/14 14:14
Tetrachloro-m-xylene [2]	97.2	30-150		12/11/14 14:14

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0409
Date Received: 12/9/2014
Field Sample #: W120825-Blank
Sampled: 12/8/2014 00:00
Sample ID: 14L0409-05
Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:26	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:26	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:26	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:26	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:26	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:26	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:26	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:26	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:26	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.5	30-150		12/11/14 14:26
Decachlorobiphenyl [2]	98.3	30-150		12/11/14 14:26
Tetrachloro-m-xylene [1]	97.4	30-150		12/11/14 14:26
Tetrachloro-m-xylene [2]	95.3	30-150		12/11/14 14:26

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

Project Location: Osborn - Gym
Sample Description: Encapsulated Gym Floor
Work Order: 14L0409
Date Received: 12/9/2014
Field Sample #: W120826-Blank
Sampled: 12/8/2014 00:00
Sample ID: 14L0409-06
Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:39	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:39	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:39	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:39	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:39	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:39	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:39	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:39	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/10/14	12/11/14 14:39	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.1	30-150		12/11/14 14:39
Decachlorobiphenyl [2]	98.4	30-150		12/11/14 14:39
Tetrachloro-m-xylene [1]	96.7	30-150		12/11/14 14:39
Tetrachloro-m-xylene [2]	93.9	30-150		12/11/14 14:39

con-test® ANALYTICAL LABORATORY

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

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
14L0409-01 [W120821]	B111441	1.00	10.0	12/10/14
14L0409-02 [W120822]	B111441	1.00	10.0	12/10/14
14L0409-03 [W120823]	B111441	1.00	10.0	12/10/14
14L0409-04 [W120824]	B111441	1.00	10.0	12/10/14
14L0409-05 [W120825-Blank]	B111441	1.00	10.0	12/10/14
14L0409-06 [W120826-Blank]	B111441	1.00	10.0	12/10/14

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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 B111441 - SW-846 3540C										
Blank (B111441-BLK1)				Prepared: 12/10/14 Analyzed: 12/11/14						
Aroclor-1016	ND	0.20	µg/Wipe							
Aroclor-1016 [2C]	ND	0.20	µg/Wipe							V-20
Aroclor-1221	ND	0.20	µg/Wipe							
Aroclor-1221 [2C]	ND	0.20	µg/Wipe							
Aroclor-1232	ND	0.20	µg/Wipe							
Aroclor-1232 [2C]	ND	0.20	µg/Wipe							
Aroclor-1242	ND	0.20	µg/Wipe							
Aroclor-1242 [2C]	ND	0.20	µg/Wipe							
Aroclor-1248	ND	0.20	µg/Wipe							
Aroclor-1248 [2C]	ND	0.20	µg/Wipe							
Aroclor-1254	ND	0.20	µg/Wipe							
Aroclor-1254 [2C]	ND	0.20	µg/Wipe							
Aroclor-1260	ND	0.20	µg/Wipe							
Aroclor-1260 [2C]	ND	0.20	µg/Wipe							
Aroclor-1262	ND	0.20	µg/Wipe							
Aroclor-1262 [2C]	ND	0.20	µg/Wipe							
Aroclor-1268	ND	0.20	µg/Wipe							
Aroclor-1268 [2C]	ND	0.20	µg/Wipe							
Surrogate: Decachlorobiphenyl	*1.86*		µg/Wipe	2.00		93.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.86*		µg/Wipe	2.00		93.0	30-150			
Surrogate: Tetrachloro-m-xylene	*1.83*		µg/Wipe	2.00		91.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.77*		µg/Wipe	2.00		88.7	30-150			
LCS (B111441-BS1)				Prepared: 12/10/14 Analyzed: 12/11/14						
Aroclor-1016	0.54	0.20	µg/Wipe	0.500		108	40-140			
Aroclor-1016 [2C]	0.55	0.20	µg/Wipe	0.500		111	40-140			V-06
Aroclor-1260	0.53	0.20	µg/Wipe	0.500		107	40-140			
Aroclor-1260 [2C]	0.53	0.20	µg/Wipe	0.500		105	40-140			
Surrogate: Decachlorobiphenyl	*2.01*		µg/Wipe	2.00		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.98*		µg/Wipe	2.00		99.2	30-150			
Surrogate: Tetrachloro-m-xylene	*1.92*		µg/Wipe	2.00		95.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.88*		µg/Wipe	2.00		93.8	30-150			
LCS Dup (B111441-BSD1)				Prepared: 12/10/14 Analyzed: 12/11/14						
Aroclor-1016	0.56	0.20	µg/Wipe	0.500		112	40-140	3.47	30	
Aroclor-1016 [2C]	0.57	0.20	µg/Wipe	0.500		114	40-140	2.51	30	V-06
Aroclor-1260	0.55	0.20	µg/Wipe	0.500		110	40-140	2.69	30	
Aroclor-1260 [2C]	0.56	0.20	µg/Wipe	0.500		112	40-140	5.73	30	
Surrogate: Decachlorobiphenyl	*2.04*		µg/Wipe	2.00		102	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.04*		µg/Wipe	2.00		102	30-150			
Surrogate: Tetrachloro-m-xylene	*1.95*		µg/Wipe	2.00		97.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.90*		µg/Wipe	2.00		94.8	30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B111441-BS1 Date(s) Analyzed: 12/11/2014 12/11/2014

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	0.54	
	2	0.00	0.00	0.00	0.55	1
Aroclor-1260	1	0.00	0.00	0.00	0.53	
	2	0.00	0.00	0.00	0.53	1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B111441-BSD1 Date(s) Analyzed: 12/11/2014 12/11/2014

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	0.57	1
Aroclor-1260	1	0.00	0.00	0.00	0.55	
	2	0.00	0.00	0.00	0.56	2

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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.
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

No certified Analyses included in this Report

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	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
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

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

14L0409

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

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 Coce	Conc Code	Soxhlet 8082A	# of Containers	** Preservation	***Container Code
01	W120821-encapsulated gym floor	12/8/14				W		✓			
02	W120822-encapsulated gym floor	12/8/14				W		✓			
03	W120823-encapsulted gym floor	12/8/14				W		✓			
04	W120824-encapsulated gym floor	12/8/14				W		✓			
05	W120825-Blank	12/8/14				W		✓			
06	W120826-Blank	12/8/14				W		✓			
								✓			
								✓			
								✓			
								✓			

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) Sandy Quer	Date/Time: 12-9-14 14:35	
Received by: (signature) Paul Racicot 14:35	Date/Time: 12-9-14	
Relinquished by: (signature) Paul Racicot 12-9-14 18:45	Date/Time:	
Received by: (signature) Steven Bm 4:60 12/9/14	Date/Time: 18:45	

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

Table of Contents

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

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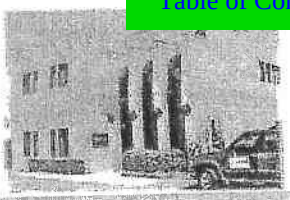

Sample Receipt Checklist

CLIENT NAME: AMC Environmental RECEIVED BY: KB DATE: 12/9/14

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 4.6°
5) Are there Dissolved samples for the lab to filter? Yes (No)
   Who was notified _____ Date _____ Time _____
6) Are there any (RUSH) or SHORT HOLDING TIME samples? (Yes) No
   Who was notified _____ Date _____ Time _____
7) Location where samples are stored: 19

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

8) Do all samples have the proper Acid pH: Yes No (N/A) _____
9) Do all samples have the proper Base pH: Yes No (N/A) _____
10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/(clear) jar	26
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:

Doc# 277
Rev. 4 August 2013

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.	NA	
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.	NA	
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: 12/9/14

Doc #277 Rev. 4 August 2013 Log-In Technician Initials: KB Date/Time: 18:45

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

January 22, 2015

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

Project Location: Osborn, gymnasium
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 15A0568

Enclosed are results of analyses for samples received by the laboratory on January 20, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

Table of Contents

Sample Summary 4

Case Narrative 5

Sample Results 6

15A0568-01 6

15A0568-02 7

15A0568-03 8

15A0568-04 9

15A0568-05 10

15A0568-06 11

15A0568-07 12

15A0568-08 13

15A0568-09 14

15A0568-10 15

15A0568-11 16

15A0568-12 17

15A0568-13 18

15A0568-14 19

15A0568-15 20

15A0568-16 21

15A0568-17 22

15A0568-18 23

15A0568-19 24

15A0568-20 25

Sample Preparation Information 26

QC Data 27

Polychlorinated Biphenyls with 3540 Soxhlet Extraction 27

Table of Contents (continued)

B113830	27
Dual Column RPD Report	28
Flag/Qualifier Summary	30
Certifications	31
Chain of Custody/Sample Receipt	32

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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: 1/22/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15A0568

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

PROJECT LOCATION: Osborn, gymnasium

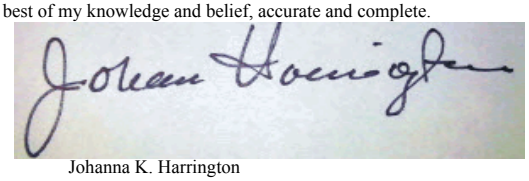
FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
PCB-01 Window Side B	15A0568-01	Wipe		SW-846 8082A	
PCB-02 Window Side B	15A0568-02	Wipe		SW-846 8082A	
PCB-03 Window Side B	15A0568-03	Wipe		SW-846 8082A	
PCB-03 Window Side C	15A0568-04	Wipe		SW-846 8082A	
PCB-05 Window Side C	15A0568-05	Wipe		SW-846 8082A	
PCB-06 Window Side C	15A0568-06	Wipe		SW-846 8082A	
PCB-07 Window Side C	15A0568-07	Wipe		SW-846 8082A	
PCB-08 Window Side C	15A0568-08	Wipe		SW-846 8082A	
PCB-09 Window Side C	15A0568-09	Wipe		SW-846 8082A	
PCB-10 Window Side D	15A0568-10	Wipe		SW-846 8082A	
PCB-11 Window Side D	15A0568-11	Wipe		SW-846 8082A	
PCB-12 Window Side D	15A0568-12	Wipe		SW-846 8082A	
PCB-13 Exposed Joint Side A	15A0568-13	Wipe		SW-846 8082A	
PCB-14 Exposed Joint Side A	15A0568-14	Wipe		SW-846 8082A	
PCB-15 Exposed Joint Side A	15A0568-15	Wipe		SW-846 8082A	
PCB-16 Exposed Joint Side B	15A0568-16	Wipe		SW-846 8082A	
PCB-17 Exposed Joint Side B	15A0568-17	Wipe		SW-846 8082A	
PCB-18 Exposed Joint Side B	15A0568-18	Wipe		SW-846 8082A	
PCB-19 Door Frame Side C	15A0568-19	Wipe		SW-846 8082A	
PCB-20 Exposed Joint Side C	15A0568-20	Wipe		SW-846 8082A	

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, gymnasium
Sample Description:
Work Order: 15A0568

Date Received: 1/20/2015

Field Sample #: PCB-01 Window Side B
Sampled: 1/19/2015 00:00

Sample ID: 15A0568-01

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 21:59	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 21:59	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 21:59	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 21:59	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 21:59	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 21:59	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 21:59	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 21:59	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 21:59	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	92.7	30-150		1/21/15 21:59
Decachlorobiphenyl [2]	109	30-150		1/21/15 21:59
Tetrachloro-m-xylene [1]	86.8	30-150		1/21/15 21:59
Tetrachloro-m-xylene [2]	91.1	30-150		1/21/15 21:59

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568

Date Received: 1/20/2015

Field Sample #: PCB-02 Window Side B
Sampled: 1/19/2015 00:00

Sample ID: 15A0568-02

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:11	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:11	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:11	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:11	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:11	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:11	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:11	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:11	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:11	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.8	30-150		1/21/15 22:11
Decachlorobiphenyl [2]	105	30-150		1/21/15 22:11
Tetrachloro-m-xylene [1]	85.9	30-150		1/21/15 22:11
Tetrachloro-m-xylene [2]	90.2	30-150		1/21/15 22:11

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Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568
Date Received: 1/20/2015
Field Sample #: PCB-03 Window Side B
Sampled: 1/19/2015 00:00
Sample ID: 15A0568-03
Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:24	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:24	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:24	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:24	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:24	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:24	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:24	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:24	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:24	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	91.5	30-150		1/21/15 22:24
Decachlorobiphenyl [2]	104	30-150		1/21/15 22:24
Tetrachloro-m-xylene [1]	84.5	30-150		1/21/15 22:24
Tetrachloro-m-xylene [2]	88.8	30-150		1/21/15 22:24

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Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568
Date Received: 1/20/2015
Field Sample #: PCB-03 Window Side C
Sampled: 1/19/2015 00:00
Sample ID: 15A0568-04
Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:36	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:36	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:36	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:36	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:36	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:36	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:36	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:36	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:36	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	78.3	30-150		1/21/15 22:36
Decachlorobiphenyl [2]	88.6	30-150		1/21/15 22:36
Tetrachloro-m-xylene [1]	75.9	30-150		1/21/15 22:36
Tetrachloro-m-xylene [2]	79.5	30-150		1/21/15 22:36

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

Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568

Date Received: 1/20/2015

Field Sample #: PCB-05 Window Side C
Sampled: 1/19/2015 00:00

Sample ID: 15A0568-05

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:48	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:48	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:48	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:48	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:48	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:48	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:48	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:48	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 22:48	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	91.5	30-150		1/21/15 22:48
Decachlorobiphenyl [2]	105	30-150		1/21/15 22:48
Tetrachloro-m-xylene [1]	85.8	30-150		1/21/15 22:48
Tetrachloro-m-xylene [2]	91.0	30-150		1/21/15 22:48

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Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568

Date Received: 1/20/2015

Field Sample #: PCB-06 Window Side C
Sampled: 1/19/2015 00:00

Sample ID: 15A0568-06

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:01	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:01	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:01	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:01	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:01	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:01	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:01	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:01	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:01	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	92.1	30-150		1/21/15 23:01
Decachlorobiphenyl [2]	105	30-150		1/21/15 23:01
Tetrachloro-m-xylene [1]	81.6	30-150		1/21/15 23:01
Tetrachloro-m-xylene [2]	86.2	30-150		1/21/15 23:01

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Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568

Date Received: 1/20/2015

Field Sample #: PCB-07 Window Side C
Sampled: 1/19/2015 00:00

Sample ID: 15A0568-07

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:13	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:13	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:13	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:13	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:13	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:13	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:13	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:13	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:13	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	92.9	30-150		1/21/15 23:13
Decachlorobiphenyl [2]	106	30-150		1/21/15 23:13
Tetrachloro-m-xylene [1]	82.5	30-150		1/21/15 23:13
Tetrachloro-m-xylene [2]	86.4	30-150		1/21/15 23:13

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Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568

Date Received: 1/20/2015

Field Sample #: PCB-08 Window Side C
Sampled: 1/19/2015 00:00

Sample ID: 15A0568-08

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:25	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:25	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:25	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:25	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:25	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:25	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:25	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:25	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:25	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.5	30-150		1/21/15 23:25
Decachlorobiphenyl [2]	99.0	30-150		1/21/15 23:25
Tetrachloro-m-xylene [1]	82.2	30-150		1/21/15 23:25
Tetrachloro-m-xylene [2]	87.1	30-150		1/21/15 23:25

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

Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568

Date Received: 1/20/2015

Field Sample #: PCB-09 Window Side C
Sampled: 1/19/2015 00:00

Sample ID: 15A0568-09

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:38	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:38	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:38	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:38	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:38	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:38	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:38	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:38	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:38	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.2	30-150		1/21/15 23:38
Decachlorobiphenyl [2]	109	30-150		1/21/15 23:38
Tetrachloro-m-xylene [1]	83.7	30-150		1/21/15 23:38
Tetrachloro-m-xylene [2]	88.2	30-150		1/21/15 23:38

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

Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568

Date Received: 1/20/2015

Field Sample #: PCB-10 Window Side D
Sampled: 1/19/2015 00:00

Sample ID: 15A0568-10

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:50	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:50	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:50	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:50	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:50	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:50	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:50	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:50	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/21/15 23:50	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.6	30-150		1/21/15 23:50
Decachlorobiphenyl [2]	105	30-150		1/21/15 23:50
Tetrachloro-m-xylene [1]	81.7	30-150		1/21/15 23:50
Tetrachloro-m-xylene [2]	85.3	30-150		1/21/15 23:50

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

Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568

Date Received: 1/20/2015

Field Sample #: PCB-11 Window Side D
Sampled: 1/19/2015 00:00

Sample ID: 15A0568-11

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:27	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:27	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:27	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:27	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:27	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:27	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:27	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:27	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:27	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.9	30-150		1/22/15 0:27
Decachlorobiphenyl [2]	102	30-150		1/22/15 0:27
Tetrachloro-m-xylene [1]	82.2	30-150		1/22/15 0:27
Tetrachloro-m-xylene [2]	85.6	30-150		1/22/15 0:27

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

Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568

Date Received: 1/20/2015

Field Sample #: PCB-12 Window Side D
Sampled: 1/19/2015 00:00

Sample ID: 15A0568-12

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:39	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:39	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:39	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:39	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:39	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:39	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:39	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:39	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:39	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.4	30-150		1/22/15 0:39
Decachlorobiphenyl [2]	104	30-150		1/22/15 0:39
Tetrachloro-m-xylene [1]	84.4	30-150		1/22/15 0:39
Tetrachloro-m-xylene [2]	88.5	30-150		1/22/15 0:39

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

Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568

Date Received: 1/20/2015

Field Sample #: PCB-13 Exposed Joint Side A
Sampled: 1/19/2015 00:00

Sample ID: 15A0568-13

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:52	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:52	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:52	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:52	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:52	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:52	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:52	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:52	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 0:52	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.1	30-150		1/22/15 0:52
Decachlorobiphenyl [2]	102	30-150		1/22/15 0:52
Tetrachloro-m-xylene [1]	85.9	30-150		1/22/15 0:52
Tetrachloro-m-xylene [2]	89.5	30-150		1/22/15 0:52

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

Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568
Date Received: 1/20/2015
Field Sample #: PCB-14 Exposed Joint Side A
Sampled: 1/19/2015 00:00
Sample ID: 15A0568-14
Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:04	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:04	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:04	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:04	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:04	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:04	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:04	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:04	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:04	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.5	30-150		1/22/15 1:04
Decachlorobiphenyl [2]	101	30-150		1/22/15 1:04
Tetrachloro-m-xylene [1]	80.9	30-150		1/22/15 1:04
Tetrachloro-m-xylene [2]	84.1	30-150		1/22/15 1:04

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

Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568

Date Received: 1/20/2015

Field Sample #: PCB-15 Exposed Joint Side A
Sampled: 1/19/2015 00:00

Sample ID: 15A0568-15

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:16	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:16	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:16	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:16	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:16	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:16	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:16	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:16	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:16	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.4	30-150		1/22/15 1:16
Decachlorobiphenyl [2]	108	30-150		1/22/15 1:16
Tetrachloro-m-xylene [1]	86.3	30-150		1/22/15 1:16
Tetrachloro-m-xylene [2]	90.4	30-150		1/22/15 1:16

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Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568

Date Received: 1/20/2015

Field Sample #: PCB-16 Exposed Joint Side B
Sampled: 1/19/2015 00:00

Sample ID: 15A0568-16

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:29	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:29	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:29	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:29	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:29	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:29	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:29	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:29	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:29	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.3	30-150		1/22/15 1:29
Decachlorobiphenyl [2]	107	30-150		1/22/15 1:29
Tetrachloro-m-xylene [1]	86.7	30-150		1/22/15 1:29
Tetrachloro-m-xylene [2]	91.4	30-150		1/22/15 1:29

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Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568

Date Received: 1/20/2015

Field Sample #: PCB-17 Exposed Joint Side B
Sampled: 1/19/2015 00:00

Sample ID: 15A0568-17

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:41	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:41	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:41	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:41	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:41	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:41	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:41	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:41	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:41	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	75.7	30-150		1/22/15 1:41
Decachlorobiphenyl [2]	84.5	30-150		1/22/15 1:41
Tetrachloro-m-xylene [1]	75.7	30-150		1/22/15 1:41
Tetrachloro-m-xylene [2]	79.2	30-150		1/22/15 1:41

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Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568

Date Received: 1/20/2015

Field Sample #: PCB-18 Exposed Joint Side B
Sampled: 1/19/2015 00:00

Sample ID: 15A0568-18

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:53	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:53	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:53	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:53	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:53	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:53	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:53	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:53	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 1:53	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.6	30-150		1/22/15 1:53
Decachlorobiphenyl [2]	108	30-150		1/22/15 1:53
Tetrachloro-m-xylene [1]	78.8	30-150		1/22/15 1:53
Tetrachloro-m-xylene [2]	82.8	30-150		1/22/15 1:53

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

Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568

Date Received: 1/20/2015

Field Sample #: PCB-19 Door Frame Side C
Sampled: 1/19/2015 00:00

Sample ID: 15A0568-19

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:05	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:05	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:05	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:05	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:05	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:05	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:05	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:05	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:05	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.5	30-150		1/22/15 2:05
Decachlorobiphenyl [2]	99.2	30-150		1/22/15 2:05
Tetrachloro-m-xylene [1]	82.1	30-150		1/22/15 2:05
Tetrachloro-m-xylene [2]	86.4	30-150		1/22/15 2:05

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

Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0568

Date Received: 1/20/2015

Field Sample #: PCB-20 Exposed Joint Side C
Sampled: 1/19/2015 00:00

Sample ID: 15A0568-20

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:18	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:18	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:18	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:18	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:18	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:18	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:18	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:18	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:18	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.8	30-150		1/22/15 2:18
Decachlorobiphenyl [2]	103	30-150		1/22/15 2:18
Tetrachloro-m-xylene [1]	84.5	30-150		1/22/15 2:18
Tetrachloro-m-xylene [2]	88.6	30-150		1/22/15 2:18

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
15A0568-01 [PCB-01 Window Side B]	B113830	1.00	10.0	01/20/15
15A0568-02 [PCB-02 Window Side B]	B113830	1.00	10.0	01/20/15
15A0568-03 [PCB-03 Window Side B]	B113830	1.00	10.0	01/20/15
15A0568-04 [PCB-03 Window Side C]	B113830	1.00	10.0	01/20/15
15A0568-05 [PCB-05 Window Side C]	B113830	1.00	10.0	01/20/15
15A0568-06 [PCB-06 Window Side C]	B113830	1.00	10.0	01/20/15
15A0568-07 [PCB-07 Window Side C]	B113830	1.00	10.0	01/20/15
15A0568-08 [PCB-08 Window Side C]	B113830	1.00	10.0	01/20/15
15A0568-09 [PCB-09 Window Side C]	B113830	1.00	10.0	01/20/15
15A0568-10 [PCB-10 Window Side D]	B113830	1.00	10.0	01/20/15
15A0568-11 [PCB-11 Window Side D]	B113830	1.00	10.0	01/20/15
15A0568-12 [PCB-12 Window Side D]	B113830	1.00	10.0	01/20/15
15A0568-13 [PCB-13 Exposed Joint Side A]	B113830	1.00	10.0	01/20/15
15A0568-14 [PCB-14 Exposed Joint Side A]	B113830	1.00	10.0	01/20/15
15A0568-15 [PCB-15 Exposed Joint Side A]	B113830	1.00	10.0	01/20/15
15A0568-16 [PCB-16 Exposed Joint Side B]	B113830	1.00	10.0	01/20/15
15A0568-17 [PCB-17 Exposed Joint Side B]	B113830	1.00	10.0	01/20/15
15A0568-18 [PCB-18 Exposed Joint Side B]	B113830	1.00	10.0	01/20/15
15A0568-19 [PCB-19 Door Frame Side C]	B113830	1.00	10.0	01/20/15
15A0568-20 [PCB-20 Exposed Joint Side C]	B113830	1.00	10.0	01/20/15

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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 B113830 - SW-846 3540C										
Blank (B113830-BLK1)				Prepared: 01/20/15 Analyzed: 01/21/15						
Aroclor-1016	ND	0.20	µg/Wipe							
Aroclor-1016 [2C]	ND	0.20	µg/Wipe							
Aroclor-1221	ND	0.20	µg/Wipe							
Aroclor-1221 [2C]	ND	0.20	µg/Wipe							
Aroclor-1232	ND	0.20	µg/Wipe							
Aroclor-1232 [2C]	ND	0.20	µg/Wipe							
Aroclor-1242	ND	0.20	µg/Wipe							
Aroclor-1242 [2C]	ND	0.20	µg/Wipe							
Aroclor-1248	ND	0.20	µg/Wipe							
Aroclor-1248 [2C]	ND	0.20	µg/Wipe							
Aroclor-1254	ND	0.20	µg/Wipe							
Aroclor-1254 [2C]	ND	0.20	µg/Wipe							
Aroclor-1260	ND	0.20	µg/Wipe							
Aroclor-1260 [2C]	ND	0.20	µg/Wipe							
Aroclor-1262	ND	0.20	µg/Wipe							
Aroclor-1262 [2C]	ND	0.20	µg/Wipe							
Aroclor-1268	ND	0.20	µg/Wipe							
Aroclor-1268 [2C]	ND	0.20	µg/Wipe							
Surrogate: Decachlorobiphenyl	*1.78*		µg/Wipe	2.00		89.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.06*		µg/Wipe	2.00		103	30-150			
Surrogate: Tetrachloro-m-xylene	*1.70*		µg/Wipe	2.00		85.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.78*		µg/Wipe	2.00		89.1	30-150			
LCS (B113830-BS1)				Prepared: 01/20/15 Analyzed: 01/21/15						
Aroclor-1016	0.50	0.20	µg/Wipe	0.500		100	40-140			
Aroclor-1016 [2C]	0.49	0.20	µg/Wipe	0.500		97.9	40-140			
Aroclor-1260	0.55	0.20	µg/Wipe	0.500		109	40-140			
Aroclor-1260 [2C]	0.49	0.20	µg/Wipe	0.500		98.2	40-140			
Surrogate: Decachlorobiphenyl	*1.82*		µg/Wipe	2.00		90.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.06*		µg/Wipe	2.00		103	30-150			
Surrogate: Tetrachloro-m-xylene	*1.67*		µg/Wipe	2.00		83.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.77*		µg/Wipe	2.00		88.6	30-150			
LCS Dup (B113830-BSD1)				Prepared: 01/20/15 Analyzed: 01/21/15						
Aroclor-1016	0.43	0.20	µg/Wipe	0.500		86.5	40-140	14.6	30	
Aroclor-1016 [2C]	0.45	0.20	µg/Wipe	0.500		90.6	40-140	7.76	30	
Aroclor-1260	0.53	0.20	µg/Wipe	0.500		106	40-140	2.81	30	
Aroclor-1260 [2C]	0.45	0.20	µg/Wipe	0.500		90.8	40-140	7.84	30	
Surrogate: Decachlorobiphenyl	*1.67*		µg/Wipe	2.00		83.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.89*		µg/Wipe	2.00		94.4	30-150			
Surrogate: Tetrachloro-m-xylene	*1.59*		µg/Wipe	2.00		79.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.64*		µg/Wipe	2.00		82.0	30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B113830-BS1

Date(s) Analyzed: 01/21/2015 01/21/2015

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	0.50	
	2	0.00	0.00	0.00	0.49	2
Aroclor-1260	1	0.00	0.00	0.00	0.55	
	2	0.00	0.00	0.00	0.49	11

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B113830-BSD1 Date(s) Analyzed: 01/21/2015 01/21/2015

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	0.43	
	2	0.00	0.00	0.00	0.45	4
Aroclor-1260	1	0.00	0.00	0.00	0.53	
	2	0.00	0.00	0.00	0.45	17

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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

No certified Analyses included in this Report

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	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
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	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
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

15A0568

39 Spruce Street
East longmeadow, MA 01028

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

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
01	PCB-01 window side B	1/19/15				W		✓
02	PCB-02 window side B							✓
03	PCB-03 window side B							✓
04	PCB-04 window side C							✓
05	PCB-05 window side C							✓
06	PCB-06 window side C							✓
07	PCB-07 window side C							✓
08	PCB-08 window side C							✓
09	PCB-09 window side C							✓
10	PCB-10 window side D							✓

ANALYSIS REQUESTED

# of Containers
** Preservation
***Container Code

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:

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) Mandy Owen	Date/Time: 1/20/15	
Received by: (signature) Paul Racicot 11:05	Date/Time: 1:20.15	
Relinquished by: (signature) Paul Racicot 1:20.15	Date/Time: 17:05	
Received by: (signature) Reve Bu 4.9° 1/20/15	Date/Time: 17:05	

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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Table of Contents

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Email: info@contestlabs.com
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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

15A0568

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 - gymnasium
Sampled By:

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	Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Soxhlet 8082A	# of Containers	** Preservation	***Container Code
11	PCB-11 window side D	1/19/15				W		✓			
12	PCB-12 window side D							✓			
13	PCB-13 exposed joint side A							✓			
14	PCB-14 exposed joint side A							✓			
15	PCB-15 exposed joint side A							✓			
16	PCB-16 exposed joint side B							✓			
17	PCB-17 exposed joint side B							✓			
18	PCB-18 exposed joint side B							✓			
19	PCB-19 door frame side C							✓			
20	PCB-20 exposed joint side C							✓			

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

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Relinquished by: (signature)	Date/Time:
Randy Owen	1/20/15
Received by: (signature) Paul Racicot 11:05	Date/Time: 1/20/15
Relinquished by: (signature) Paul Racicot 1.20.15	Date/Time: 17:05
Received by: (signature) Ken Bo 4.9° 1/20/15	Date/Time: 17:05

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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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: KB DATE: 1/20/15

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 4.9°
5) Are there Dissolved samples for the lab to filter? Yes No
   Who was notified _____ Date _____ Time _____
6) Are there any RUSH or SHORT HOLDING TIME samples? Yes No
   Who was notified _____ Date _____ Time _____
7) Location where samples are stored: 19

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

8) Do all samples have the proper Acid pH: Yes No N/A _____
9) Do all samples have the proper Base pH: Yes No N/A _____
10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	20
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:

Doc# 277
Rev. 4 August 2013

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.	NA	
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~~ F	
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~~ F	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	NA	Wipes
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:** 1/20/15

Log-In Technician Initials: KB **Date/Time:** 17:05

Doc #277 Rev. 4 August 2013

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

January 22, 2015

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

Project Location: Osborn, gymnasium
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 15A0569

Enclosed are results of analyses for samples received by the laboratory on January 20, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

Table of Contents

Sample Summary 3

Case Narrative 4

Sample Results 5

15A0569-01 5

15A0569-02 6

15A0569-03 7

15A0569-04 8

15A0569-05 9

15A0569-06 10

Sample Preparation Information 11

QC Data 12

Polychlorinated Biphenyls with 3540 Soxhlet Extraction 12

B113838 12

Dual Column RPD Report 13

Flag/Qualifier Summary 15

Certifications 16

Chain of Custody/Sample Receipt 17

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

REPORT DATE: 1/22/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15A0569

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

PROJECT LOCATION: Osborn, gymnasium

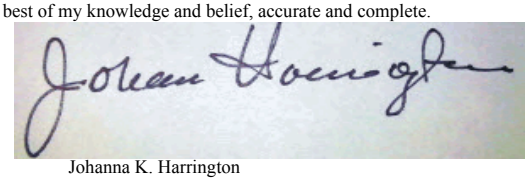
FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
PCB-21 Exposed Joint Side C	15A0569-01	Wipe		SW-846 8082A	
PCB-22 Exposed Joint Side D	15A0569-02	Wipe		SW-846 8082A	
PCB-23 Exposed Joint Side D	15A0569-03	Wipe		SW-846 8082A	
PCB-24 Exposed Joint Side D	15A0569-04	Wipe		SW-846 8082A	
PCB-25 Blank	15A0569-05	Wipe		SW-846 8082A	
PCB-26 Blank	15A0569-06	Wipe		SW-846 8082A	

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, gymnasium
Sample Description:
Work Order: 15A0569

Date Received: 1/20/2015

Field Sample #: PCB-21 Exposed Joint Side C
Sampled: 1/19/2015 00:00

Sample ID: 15A0569-01

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:49	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:49	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:49	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:49	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:49	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:49	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:49	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:49	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 2:49	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	79.6	30-150		1/22/15 2:49
Decachlorobiphenyl [2]	88.0	30-150		1/22/15 2:49
Tetrachloro-m-xylene [1]	78.7	30-150		1/22/15 2:49
Tetrachloro-m-xylene [2]	78.7	30-150		1/22/15 2:49

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0569

Date Received: 1/20/2015

Field Sample #: PCB-22 Exposed Joint Side D
Sampled: 1/19/2015 00:00

Sample ID: 15A0569-02

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:01	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:01	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:01	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:01	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:01	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:01	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:01	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:01	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:01	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	81.5	30-150		1/22/15 3:01
Decachlorobiphenyl [2]	90.7	30-150		1/22/15 3:01
Tetrachloro-m-xylene [1]	81.7	30-150		1/22/15 3:01
Tetrachloro-m-xylene [2]	81.5	30-150		1/22/15 3:01

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

Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0569
Date Received: 1/20/2015
Field Sample #: PCB-23 Exposed Joint Side D
Sampled: 1/19/2015 00:00
Sample ID: 15A0569-03
Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:13	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:13	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:13	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:13	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:13	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:13	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:13	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:13	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:13	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.4	30-150		1/22/15 3:13
Decachlorobiphenyl [2]	91.3	30-150		1/22/15 3:13
Tetrachloro-m-xylene [1]	81.7	30-150		1/22/15 3:13
Tetrachloro-m-xylene [2]	81.7	30-150		1/22/15 3:13

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

Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0569
Date Received: 1/20/2015
Field Sample #: PCB-24 Exposed Joint Side D
Sampled: 1/19/2015 00:00
Sample ID: 15A0569-04
Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:26	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:26	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:26	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:26	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:26	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:26	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:26	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:26	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:26	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	80.5	30-150		1/22/15 3:26
Decachlorobiphenyl [2]	89.3	30-150		1/22/15 3:26
Tetrachloro-m-xylene [1]	81.6	30-150		1/22/15 3:26
Tetrachloro-m-xylene [2]	81.5	30-150		1/22/15 3:26

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

Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0569
Date Received: 1/20/2015
Field Sample #: PCB-25 Blank
Sampled: 1/19/2015 00:00
Sample ID: 15A0569-05
Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:38	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:38	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:38	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:38	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:38	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:38	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:38	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:38	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:38	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	81.6	30-150		1/22/15 3:38
Decachlorobiphenyl [2]	90.5	30-150		1/22/15 3:38
Tetrachloro-m-xylene [1]	72.7	30-150		1/22/15 3:38
Tetrachloro-m-xylene [2]	73.2	30-150		1/22/15 3:38

con-test® ANALYTICAL LABORATORY

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

Project Location: Osborn, gymnasium
Sample Description:
Work Order: 15A0569

Date Received: 1/20/2015

Field Sample #: PCB-26 Blank
Sampled: 1/19/2015 00:00

Sample ID: 15A0569-06

Sample Matrix: Wipe

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	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:50	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:50	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:50	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:50	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:50	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:50	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:50	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:50	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	1/20/15	1/22/15 3:50	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	80.6	30-150		1/22/15 3:50
Decachlorobiphenyl [2]	90.1	30-150		1/22/15 3:50
Tetrachloro-m-xylene [1]	81.6	30-150		1/22/15 3:50
Tetrachloro-m-xylene [2]	81.8	30-150		1/22/15 3:50

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

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
15A0569-01 [PCB-21 Exposed Joint Side C]	B113838	1.00	10.0	01/20/15
15A0569-02 [PCB-22 Exposed Joint Side D]	B113838	1.00	10.0	01/20/15
15A0569-03 [PCB-23 Exposed Joint Side D]	B113838	1.00	10.0	01/20/15
15A0569-04 [PCB-24 Exposed Joint Side D]	B113838	1.00	10.0	01/20/15
15A0569-05 [PCB-25 Blank]	B113838	1.00	10.0	01/20/15
15A0569-06 [PCB-26 Blank]	B113838	1.00	10.0	01/20/15

con-test® ANALYTICAL LABORATORY

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

QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B113838 - SW-846 3540C										
Blank (B113838-BLK1)				Prepared: 01/20/15 Analyzed: 01/21/15						
Aroclor-1016	ND	0.20	µg/Wipe							
Aroclor-1016 [2C]	ND	0.20	µg/Wipe							
Aroclor-1221	ND	0.20	µg/Wipe							
Aroclor-1221 [2C]	ND	0.20	µg/Wipe							
Aroclor-1232	ND	0.20	µg/Wipe							
Aroclor-1232 [2C]	ND	0.20	µg/Wipe							
Aroclor-1242	ND	0.20	µg/Wipe							
Aroclor-1242 [2C]	ND	0.20	µg/Wipe							
Aroclor-1248	ND	0.20	µg/Wipe							
Aroclor-1248 [2C]	ND	0.20	µg/Wipe							
Aroclor-1254	ND	0.20	µg/Wipe							
Aroclor-1254 [2C]	ND	0.20	µg/Wipe							
Aroclor-1260	ND	0.20	µg/Wipe							
Aroclor-1260 [2C]	ND	0.20	µg/Wipe							
Aroclor-1262	ND	0.20	µg/Wipe							
Aroclor-1262 [2C]	ND	0.20	µg/Wipe							
Aroclor-1268	ND	0.20	µg/Wipe							
Aroclor-1268 [2C]	ND	0.20	µg/Wipe							
Surrogate: Decachlorobiphenyl	*1.66*		µg/Wipe	2.00		83.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.83*		µg/Wipe	2.00		91.3	30-150			
Surrogate: Tetrachloro-m-xylene	*1.63*		µg/Wipe	2.00		81.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.64*		µg/Wipe	2.00		81.8	30-150			
LCS (B113838-BS1)				Prepared: 01/20/15 Analyzed: 01/22/15						
Aroclor-1016	0.52	0.20	µg/Wipe	0.500		104	40-140			
Aroclor-1016 [2C]	0.52	0.20	µg/Wipe	0.500		104	40-140			
Aroclor-1260	0.50	0.20	µg/Wipe	0.500		99.3	40-140			
Aroclor-1260 [2C]	0.52	0.20	µg/Wipe	0.500		103	40-140			
Surrogate: Decachlorobiphenyl	*1.63*		µg/Wipe	2.00		81.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.81*		µg/Wipe	2.00		90.4	30-150			
Surrogate: Tetrachloro-m-xylene	*1.69*		µg/Wipe	2.00		84.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.70*		µg/Wipe	2.00		85.2	30-150			
LCS Dup (B113838-BSD1)				Prepared: 01/20/15 Analyzed: 01/22/15						
Aroclor-1016	0.51	0.20	µg/Wipe	0.500		102	40-140	1.26	30	
Aroclor-1016 [2C]	0.51	0.20	µg/Wipe	0.500		102	40-140	1.94	30	
Aroclor-1260	0.48	0.20	µg/Wipe	0.500		96.4	40-140	3.00	30	
Aroclor-1260 [2C]	0.50	0.20	µg/Wipe	0.500		101	40-140	2.61	30	
Surrogate: Decachlorobiphenyl	*1.63*		µg/Wipe	2.00		81.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.81*		µg/Wipe	2.00		90.7	30-150			
Surrogate: Tetrachloro-m-xylene	*1.68*		µg/Wipe	2.00		83.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.67*		µg/Wipe	2.00		83.3	30-150			

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B113838-BS1 Date(s) Analyzed: 01/22/2015 01/22/2015

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	0.52	
	2	0.00	0.00	0.00	0.52	0
Aroclor-1260	1	0.00	0.00	0.00	0.50	
	2	0.00	0.00	0.00	0.52	5

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

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B113838-BSD1 Date(s) Analyzed: 01/22/2015 01/22/2015

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	0.51	
	2	0.00	0.00	0.00	0.51	0
Aroclor-1260	1	0.00	0.00	0.00	0.48	
	2	0.00	0.00	0.00	0.50	4

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

FLAG/QUALIFIER SUMMARY

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

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

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

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

No certified Analyses included in this Report

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	06/30/2015
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
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	06/30/2015
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
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

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

15A0569

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

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

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"

ANALYSIS REQUESTED

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection: Beginning Date/Time	Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Soxhlet 8082A	# of Containers	** Preservation	***Container Code
01	PCB-21 exposed joint side C	1/19/15				W		✓			
02	PCB-22 exposed joint side D							✓			
03	PCB-23 exposed joint side D							✓			
04	PCB-24 exposed joint side D							✓			
05	PCB-25 Blank							✓			
06	PCB-26 Blank							✓			
								✓			
								✓			
								✓			
								✓			

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: 1/20/15	
Received by: (signature) Paul Racicot	Date/Time: 1.20.15 11:05	
Relinquished by: (signature) Paul Racicot 1.20.15	Date/Time: 17:05	
Received by: (signature) 4.9° 1/20/15	Date/Time: 17:05	

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

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:** KB **DATE:** 1/20/14

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 4.9°

5) **Are there Dissolved samples for the lab to filter?** Yes No
   Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes No
   Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** 19

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

8) **Do all samples have the proper Acid pH:** Yes No N/A _____
9) **Do all samples have the proper Base pH:** Yes No N/A _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	6
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.	NA	
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~~ F	
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.	F	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	NA	Wipes
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:** KB **Date/Time:** 1/20/15 17:05