Fairfield Public Schools

Fairfield, CT 06825

TO: Dr. David Title and Members of the Board of Education

FROM: Salvatore Morabito

DATE: September 25, 2012

RE: Osborn Hill Window Replacement Project Testing
Additional PCB Testing Results

This letter is to notify you that the Fairfield Public School District has received the laboratory results for the additional Polychlorinated Biphenyl (PCB) testing conducted at Osborn Hill School on August 27 through September 12, 2012. The additional testing was performed to confirm the effectiveness of the specialized cleaning in room 107, room 108 and of educational materials removed from the Library Media Center (LMC). In addition, testing was conducted on exterior soils and on additional materials/spaces within the LMC/gym corridor/toilet room containment areas.

The results of these additional tests (previously reported verbally to Central Office staff) were used to determine that rooms107 and 108 were safe for re-occupancy and that the materials removed from the LMC were safe for use. Our testing company (AMC Environmental) has notified both the CT DEEP and the US EPA of its findings.

The analytical results that were attached to the AMC Report will be posted on the Fairfield Public Schools' website.

If you have any questions or concerns regarding these PCB test results or the upcoming clean-up, please feel free to contact me at (203) 255-7363.

Thank you.

c: Meg Brown
Central Office Administration
Sands Cleary

ENVIRONMENTAL, LLC

AMC
Environmental,
LLC

Phone:
203.378.5020
Fax:
203.375.7344
Email:
amc@amcenviro.com

P.O Box 423
Stratford, CT
06615

September 21, 2012

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

RE: PCB Air and Bulk Sampling at Osborne Hill Elementary School in Fairfield, CT

Dear Mr. Morabito:

INTRODUCTION

Following the previously published sample data for Osborn Hill School, AMC returned to the school to assess the identified areas of concern. In this assessment, additional air, bulk, and wipe samples were obtained from within the remaining containments and classrooms which have yet to achieve acceptable testing results.

Wipes and bulk samples were obtained from the library/reading-room/hall containment and the boys/girls bathroom containment. Samples were collected from the suspended ceiling grid and above.

Also, air samples were collected from within the two kindergarten classrooms (107 and 108) following specialized cleaning activities.

BACKGROUND

Following the failed air and wipe samples from within the remaining two containments, Indoor Air Technologies (IAT) returned to OHS to repeat final cleaning efforts within the designated areas. Specialized cleaning procedures were implemented throughout the work areas from floor to ceiling. IAT also cleaned off numerous books from within the library and placed them into containers to wait wipe testing. After further sampling and analysis, the data suggests that the reason for the failed air tests in these areas may be contributed to the ceiling tiles being crossed contaminated during the course of the duct cleaning activities. As air is pulled from the room by the air scrubbers, the settled PCB's within and above the acoustical ceiling has the potential to be released into the surrounding environment inside the containment. In addition, there is potential for contamination from unidentified breeches within the ductwork from the adjacent "contaminated" gymnasium and its associated ductwork that travels through the library area. An evaluation of the shared wall between the two areas (gym & library) as well as the duct work was performed prior to the initial duct cleaning activities and was found to be acceptable. The section of the gymnasium ductwork that travels through the library did not appear to have any breeches within the system.

In the lower wing of the school where the kindergarten classrooms are present, several sets of air samples have been collected throughout the last several weeks to document the levels of PCB's within the air. Specifically in the kindergarten (lower) wing rooms 107 and 108, data collected continued to display concentrations that exceeded the EPA recommended level of 100 ng/m3 of air threshold. Therefore a cleaning effort was organized and employed that consisted of specialized cleaning procedures. The efforts included the cleaning of all surfaces and objects within the room using HEPA vacuuming and wet wiping methods using approved cleaning solvents. During the cleaning, the area was isolated and was performed under a negative air enclosure. Work was done on the weekend when no children were present.

A summary of the sampling and results obtained within the school is explained in more detail in the section below.

SAMPLING AND RESULTS

Air Samples

Air samples were obtained within the school on August 27, 30 and September 12, 2012.

All air samples obtained from within the remaining two containments continue to be un-acceptable, despite repeated attempts to clean the areas. Samples ranged between 500 and 5,000 ng/m3 of air. Below is a table outlining the sample details.

	8/27/2012		8/30/12	
Location	Sample #	Result ng/m^3	Sample #	Result ng/m^3
Library/Gym Hall	C-01	760		
Library	C-02	590	C-03*	5000
Girls Bath	C-04	1300		

* Air sample obtained above the ceiling.

Two sets of air samples were collected from within the kindergarten rooms 107 and 108 during this last assessment. One set was obtained prior to the rooms being cleaned and another set was obtained following the cleaning efforts. Following the specialized cleaning, the air samples collected on September 12, 2012 document acceptable levels of PCB's in air for children under the age of 6 years old.

	8/30/12		9/12/12	
Location	Sample #	Result ng/m^3	Sample #	Result ng/m^3
Room 107	C-01	130	C-01	5.9
Room 108	C-02	170	C-02	22

Wipe Samples

PCB dust wipes were obtained from several locations on and above the suspended ceiling within the library, main hall, reading room and boys and girls bathroom. A number of the wipes collected documented un-acceptable levels of PCB dust still to be present on surfaces within the containment. The wipes were obtained above ceiling tiles, the suspended ceiling track and the outside of metal ductwork.

Sample Number	Location	Results ug/m^3
	August 30, 2012 Wipe Samples	
C-01	**Library above ceiling on pipe**	**10 ug/wipe**
C-02	**Library above ceiling on grid**	**3.6 ug/wipe**
C-03	**Library above ceiling on duct**	**1.6 ug/wipe**
C-04	**Library above ceiling on ceiling tile**	**7.1 ug/wipe**
C-05	**Library above ceiling on grid**	**2.3 ug/wipe**
	September 6, 2012 Wipe Samples	
C-01	Girl's bath above ceiling	0.57 ug/wipe
C-02	Boy's bath above ceiling	0.79 ug/wipe
C-03	Reading room above ceiling	0.42 ug/wipe
C-04	**Computer room above ceiling**	**4.3 ug/wipe**
C-05	**Gym hall above ceiling**	**174 ug/wipe**
C-06	**Book storage above ceiling**	**3.4 ug/wipe**

Samples documented in bold exceed the EPA recommended levels for PCB's in dust.

Representative wipe samples were obtained from several books that were requested to be removed from the containment. Samples were collected both on the covers and inside the books. The results of these wipes document no detection of PCB's on or within the books.

Sample Number	Location	Results ug/m^3
	September 11, 2012 Wipe Samples	
P-01	Book Cover – Marco Polo	ND
P-02	Inside Book – Welcome to Kindergarten	ND
P-03	Book Cover – Thidwick Moose	ND
P-04	Book Cover – Boo in the Sky	ND
P-05	Inside Book – Dear Mrs. Larue	ND
P-06	Book Cover – The Keeping Quilt	ND
P-07	Book Cover – How to Steal a Dog	ND
P-08	Inside Book – Puppy Love	ND
P-09	Book Cover – Stanley Flat Again	ND
P-10	Book Cover – Johnny Boo	ND

Sample Number	Location	Results ug/m^3
	September 11, 2012 Wipe Samples – continued	
P-11	Book Cover – Secret Agent 3	ND
P-12	Book Cover – Biscuit Wants to Play	ND
P-13	Inside Book – Worlds End	ND
P-14	CD Cover	ND
P-15	Power Strip	ND

Bulk Samples

As previously discussed, several bulk samples of ceiling tile were obtained from within the containments. The reason for sampling the ceiling tile was to identify if PCB's were present within the ceiling tile itself. The results of the ceiling tile obtained from various locations within the containments document a range of concentrations in each area. AMC believes that the presence of PCB's within the ceiling tile and plenum above is playing a role in the un-acceptable air concentrations documented within the rooms inside containment.

Sample Number	Location	Results mg/Kg
	September 12, 2012 Bulk Samples	
C-01	**Library Ceiling Tile**	**40 mg/kg**
C-02	**Library Ceiling Tile**	**39 mg/kg**
C-03	**Library Ceiling Tile**	**37 mg/kg**
C-04	**Library Ceiling Tile**	**55 mg/kg**
C-05	**Hallway Ceiling Tile**	**11 mg/kg**
C-06	**Hallway Ceiling Tile**	**12 mg/kg**
C-07	**Hallway Ceiling Tile**	**17 mg/kg**
C-08	**Reading Room Ceiling Tile**	**4.0 mg/kg**
C-09	**Reading Room Ceiling Tile**	**4.6 mg/kg**
C-10	**Girls Bath Ceiling Tile**	**8.3 mg/kg**
C-11	**Girls Bath Ceiling Tile**	**10 mg/kg**

Samples in bold document levels that exceed the State and Federal guidelines of 1 mg/kg (ppm).

CONCLUSION

The samples obtained during this final clearance sampling inspection document variable results and concerns. The majority of the samples illustrate un-acceptable levels of PCB concentrations within the containments. Based off of the results during this phase of testing, AMC believes that accumulated PCB containing dust within and above the ceiling tiles is adversely affecting the airborne levels that have been documented within these areas. AMC recommends removing all ceiling tile from the work area and disposing of it as a PCB remediation waste. Furthermore, the work areas (within

containment) will need to be re-cleaned, with focus on the area above the suspended ceiling. Additionally, a more aggressive assessment of potential breeches in the shared wall between the gym and library/hall containment should be conducted. Lastly, the gymnasium ductwork that travels within the library should be cleaned while the area is still under containment so that the library, once cleaned, will not need to be re-incorporated into a work area in the future when a decision is made with what to do with the gym.

With respect to the kindergarten wing, the two rooms (107 & 108) are now considered to be below the 100 ng/m^3 threshold that EPA recommends. Therefore these rooms will be considered acceptable based on EPA's recommended levels. Ongoing surveillance and monitoring will be carried out to ensure these levels are maintained throughout the year.

Very truly yours,

Richard Onofrio
Environmental Consultant

RO:so

Enclosure

Laboratory Results – PCB Air Samples

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

August 30, 2012

Accounts Payable
AMC Environmental, LLC
PO Box 423
Stratford, CT 06615

Project Location: Osborn Hill School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 12H0891

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

Sincerely,

Lisa Worthington

Lisa A. Worthington
Project Manager

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AMC Environmental, LLC
PO Box 423
Stratford, CT 06615
ATTN: Accounts Payable

REPORT DATE: 8/30/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12H0891

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 School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Air-01	12H0891-01	Indoor air	Gym Hall	TO-10A/EPA 680 Modified	
Air-02	12H0891-02	Indoor air	Library	TO-10A/EPA 680 Modified	
Air-04	12H0891-04	Indoor air	Girls Bath	TO-10A/EPA 680 Modified	

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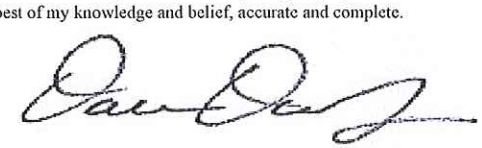
CASE NARRATIVE SUMMARY

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.



Daren J. Damboragian
Laboratory Manager

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 8/28/2012
Field Sample #: Air-01
Sample ID: 12H0891-01
Sample Matrix: Indoor air
Sampled: 8/27/2012 16:00

Sample Description/Location: Gym Hall
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1235

Work Order: 12H0891

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00081	1	8/29/12 12:11	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00081	1	8/29/12 12:11	CJM
Trichlorobiphenyls	0.0082	0.0010		0.0066	0.00081	1	8/29/12 12:11	CJM
Tetrachlorobiphenyls	0.22	0.0020		0.18	0.0016	1	8/29/12 12:11	CJM
Pentachlorobiphenyls	0.56	0.0020		0.45	0.0016	1	8/29/12 12:11	CJM
Hexachlorobiphenyls	0.15	0.0020		0.12	0.0016	1	8/29/12 12:11	CJM
Heptachlorobiphenyls	0.0076	0.0030		0.0061	0.0024	1	8/29/12 12:11	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0024	1	8/29/12 12:11	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.004	1	8/29/12 12:11	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.004	1	8/29/12 12:11	CJM
Total Polychlorinated biphenyls	0.94			0.76		1	8/29/12 12:11	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	85.2	50-125	8/29/12 12:11

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 8/28/2012
Field Sample #: Air-02
Sample ID: 12H0891-02
Sample Matrix: Indoor air
Sampled: 8/27/2012 16:00

Sample Description/Location: Library
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1235

Work Order: 12H0891

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00081	1	8/29/12 12:46	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00081	1	8/29/12 12:46	CJM
Trichlorobiphenyls	0.0084	0.0010		0.0068	0.00081	1	8/29/12 12:46	CJM
Tetrachlorobiphenyls	0.20	0.0020		0.16	0.0016	1	8/29/12 12:46	CJM
Pentachlorobiphenyls	0.43	0.0020		0.35	0.0016	1	8/29/12 12:46	CJM
Hexachlorobiphenyls	0.099	0.0020		0.080	0.0016	1	8/29/12 12:46	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0024	1	8/29/12 12:46	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0024	1	8/29/12 12:46	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.004	1	8/29/12 12:46	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.004	1	8/29/12 12:46	CJM
Total Polychlorinated biphenyls	0.73			0.59		1	8/29/12 12:46	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	88.7	50-125	8/29/12 12:46

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 8/28/2012
Field Sample #: Air-04
Sample ID: 12H0891-04
Sample Matrix: Indoor air
Sampled: 8/27/2012 16:00

Sample Description/Location: Girls Bath
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1225

Work Order: 12H0891

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00082	1	8/29/12 13:20	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00082	1	8/29/12 13:20	CJM
Trichlorobiphenyls	0.019	0.0010		0.015	0.00082	1	8/29/12 13:20	CJM
Tetrachlorobiphenyls	0.44	0.0020		0.36	0.0016	1	8/29/12 13:20	CJM
Pentachlorobiphenyls	0.91	0.0020		0.74	0.0016	1	8/29/12 13:20	CJM
Hexachlorobiphenyls	0.18	0.0020		0.15	0.0016	1	8/29/12 13:20	CJM
Heptachlorobiphenyls	0.0066	0.0030		0.0054	0.0024	1	8/29/12 13:20	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0024	1	8/29/12 13:20	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0041	1	8/29/12 13:20	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0041	1	8/29/12 13:20	CJM
Total Polychlorinated biphenyls	1.6			1.3		1	8/29/12 13:20	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	82.0	50-125	8/29/12 13:20

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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
12H0891-01 [Air-01]	B057767	1.00	1.00	08/28/12
12H0891-02 [Air-02]	B057767	1.00	1.00	08/28/12
12H0891-04 [Air-04]	B057767	1.00	1.00	08/28/12

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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
Batch B057767 - SW-846 3540C											
Blank (B057767-BLK1)					Prepared: 08/28/12 Analyzed: 08/29/12						
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	*0.170*				*0.200*		*85.2*	*50-125*			
LCS (B057767-BS1)					Prepared: 08/28/12 Analyzed: 08/29/12						
Monochlorobiphenyls	0.11	0.0010			0.200		52.7	40-140			
Dichlorobiphenyls	0.10	0.0010			0.200		52.1	40-140			
Trichlorobiphenyls	0.11	0.0010			0.200		53.8	40-140			
Tetrachlorobiphenyls	0.22	0.0020			0.400		55.9	40-140			
Pentachlorobiphenyls	0.22	0.0020			0.400		54.9	40-140			
Hexachlorobiphenyls	0.21	0.0020			0.400		53.2	40-140			
Heptachlorobiphenyls	0.32	0.0030			0.600		53.8	40-140			
Octachlorobiphenyls	0.32	0.0030			0.600		53.0	40-140			
Nonachlorobiphenyls	0.58	0.0050			1.00		58.1	40-140			
Decachlorobiphenyl	0.58	0.0050			1.00		57.6	40-140			
Surrogate: Tetrachloro-m-xylene	*0.122*				*0.200*		*61.2*	*50-125*			
LCS Dup (B057767-BSD1)					Prepared: 08/28/12 Analyzed: 08/29/12						
Monochlorobiphenyls	0.17	0.0010			0.200		85.8	40-140	47.7	50	
Dichlorobiphenyls	0.17	0.0010			0.200		83.0	40-140	45.7	50	
Trichlorobiphenyls	0.17	0.0010			0.200		82.6	40-140	42.2	50	
Tetrachlorobiphenyls	0.34	0.0020			0.400		84.5	40-140	40.7	50	
Pentachlorobiphenyls	0.34	0.0020			0.400		85.9	40-140	44.0	50	
Hexachlorobiphenyls	0.33	0.0020			0.400		83.2	40-140	44.0	50	
Heptachlorobiphenyls	0.50	0.0030			0.600		83.7	40-140	43.5	50	
Octachlorobiphenyls	0.49	0.0030			0.600		82.4	40-140	43.4	50	
Nonachlorobiphenyls	0.92	0.0050			1.00		92.0	40-140	45.2	50	
Decachlorobiphenyl	0.92	0.0050			1.00		91.6	40-140	45.6	50	
Surrogate: Tetrachloro-m-xylene	*0.184*				*0.200*		*91.9*	*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.

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

4

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

39 SPRUCE ST
EAST LONGMEADOW, MA 01028

AIR SAMPLE CHAIN OF CUSTODY RECORD

12H0891

Company Name: AMC Environmental
Address: 622 Clinton Ave
Bridgeport, CT
Attention:
Project Location: Osborn Hill School
Sampled By: J. Poole

Telephone:( ) ____
Project # ____
Client PO # ____

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

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

Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	ONLY USE WHEN USING PUMPS Total Minutes Sampled	Flow Rate M^3/Min. or L / Min.	Volume Liters or M^3	Matrix Code*	ANALYSIS REQUESTED: TO 10A Home Lounge 680	" Hg Initial pressure	" Hg Final pressure	" Hg Lab Receipt Pressure	Summa Canister ID	Flow Controller ID
8-27	AIR 01 - Gym Hall	1	-01	1153	400	247	5	1235	IA	X					
	02 Library		02	1153	400	247	5	1235		X					
	03 - Reading Rm		03	1153	400	247	5	1235		X					
	04 - Girls Bath		04	1135	400	245	5	1225		X					

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

Summa canisters a flow controllers mu returned within 14 d of receipt or rental f will apply.

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

Laboratory Comments:

CLIENT COMMENTS:

	Date/Time
Relinquished by: (signature)	8-27-12 8:40
Received by: (signature)	8/28/12 8:40
Relinquished by: (signature)	8/28/12 12:10
Received by: (signature) Alan Pankowski 5.1°C	8/28/12 12:10

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
TB=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
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F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: AMC ENV RECEIVED BY: AP DATE: 8/28/12

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

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

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

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

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

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.1°C

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

6) **Are there any RUSH or SHORT HOLDING TIME samples?** (Yes) No
Who was notified WL Date 8/28/12 Time 12:15

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

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

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

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

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

Containers received at Con-Test

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

Laboratory Comments:

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

Time and Date Frozen:

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September 4, 2012

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: 12H1080

Enclosed are results of analyses for samples received by the laboratory on August 31, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Worthington

Lisa A. Worthington
Project Manager

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

REPORT DATE: 9/4/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12H1080

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
8039 Air 01	12H1080-01	Air	Rm 107	TO-10A/EPA 680 Modified	
8039 Air 02	12H1080-02	Air	Rm 108	TO-10A/EPA 680 Modified	
8039 Air 03	12H1080-03	Air	Library Above Ceiling Tile	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:

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:

Monochlorobiphenyls

12H1080-01[8039 Air 01], 12H1080-02[8039 Air 02], 12H1080-03[8039 Air 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.

Michael A. Erickson
Laboratory Director

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

ANALYTICAL RESULTS

Project Location: Osborn School
Date Received: 8/31/2012
Field Sample #: 8039 Air 01
Sample ID: 12H1080-01
Sample Matrix: Air
Sampled: 8/30/2012 08:03

Sample Description/Location: Rm 107
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1225

Work Order: 12H1080

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010	V-20	ND	0.00082	1	9/1/12 12:08	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00082	1	9/1/12 12:08	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00082	1	9/1/12 12:08	CJM
Tetrachlorobiphenyls	0.056	0.0020		0.046	0.0016	1	9/1/12 12:08	CJM
Pentachlorobiphenyls	0.085	0.0020		0.069	0.0016	1	9/1/12 12:08	CJM
Hexachlorobiphenyls	0.013	0.0020		0.011	0.0016	1	9/1/12 12:08	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0024	1	9/1/12 12:08	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0024	1	9/1/12 12:08	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0041	1	9/1/12 12:08	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0041	1	9/1/12 12:08	CJM
Total Polychlorinated biphenyls	0.15			0.13		1	9/1/12 12:08	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	106	50-125	9/1/12 12:08

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ANALYTICAL RESULTS

Project Location: Osborn School
Date Received: 8/31/2012
Field Sample #: 8039 Air 02
Sample ID: 12H1080-02
Sample Matrix: Air
Sampled: 8/30/2012 08:00

Sample Description/Location: Rm 108
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1210

Work Order: 12H1080

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010	V-20	ND	0.00083	1	9/1/12 12:42	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00083	1	9/1/12 12:42	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00083	1	9/1/12 12:42	CJM
Tetrachlorobiphenyls	0.070	0.0020		0.057	0.0017	1	9/1/12 12:42	CJM
Pentachlorobiphenyls	0.11	0.0020		0.094	0.0017	1	9/1/12 12:42	CJM
Hexachlorobiphenyls	0.019	0.0020		0.016	0.0017	1	9/1/12 12:42	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0025	1	9/1/12 12:42	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0025	1	9/1/12 12:42	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0041	1	9/1/12 12:42	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0041	1	9/1/12 12:42	CJM
Total Polychlorinated biphenyls	0.20			0.17		1	9/1/12 12:42	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	89.2	50-125	9/1/12 12:42

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ANALYTICAL RESULTS

Project Location: Osborn School
Date Received: 8/31/2012
Field Sample #: 8039 Air 03
Sample ID: 12H1080-03
Sample Matrix: Air
Sampled: 8/30/2012 08:10

Sample Description/Location: Library Above Ceiling Tile
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1240

Work Order: 12H1080

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010	V-20	ND	0.00081	1	9/1/12 13:16	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00081	1	9/1/12 13:16	CJM
Trichlorobiphenyls	0.060	0.0010		0.048	0.00081	1	9/1/12 13:16	CJM
Tetrachlorobiphenyls	1.5	0.0020		1.2	0.0016	1	9/1/12 13:16	CJM
Pentachlorobiphenyls	3.6	0.0020		2.9	0.0016	1	9/1/12 13:16	CJM
Hexachlorobiphenyls	0.93	0.0020		0.75	0.0016	1	9/1/12 13:16	CJM
Heptachlorobiphenyls	0.045	0.0030		0.037	0.0024	1	9/1/12 13:16	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0024	1	9/1/12 13:16	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.004	1	9/1/12 13:16	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.004	1	9/1/12 13:16	CJM
Total Polychlorinated biphenyls	6.2			5.0		1	9/1/12 13:16	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	100	50-125	9/1/12 13:16

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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
12H1080-01 [8039 Air 01]	B058009	1.00	1.00	08/31/12
12H1080-02 [8039 Air 02]	B058009	1.00	1.00	08/31/12
12H1080-03 [8039 Air 03]	B058009	1.00	1.00	08/31/12

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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
Batch B058009 - SW-846 3540C											
Blank (B058009-BLK1)					Prepared: 08/31/12 Analyzed: 09/01/12						
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	*0.176*				*0.200*		*87.9*	*50-125*			
LCS (B058009-BS1)					Prepared: 08/31/12 Analyzed: 09/01/12						
Monochlorobiphenyls	0.17	0.0010			0.200		84.7	40-140			
Dichlorobiphenyls	0.20	0.0010			0.200		98.6	40-140			
Trichlorobiphenyls	0.20	0.0010			0.200		102	40-140			
Tetrachlorobiphenyls	0.42	0.0020			0.400		105	40-140			
Pentachlorobiphenyls	0.41	0.0020			0.400		103	40-140			
Hexachlorobiphenyls	0.40	0.0020			0.400		101	40-140			
Heptachlorobiphenyls	0.61	0.0030			0.600		102	40-140			
Octachlorobiphenyls	0.56	0.0030			0.600		93.1	40-140			
Nonachlorobiphenyls	1.0	0.0050			1.00		104	40-140			
Decachlorobiphenyl	0.98	0.0050			1.00		98.4	40-140			
Surrogate: Tetrachloro-m-xylene	*0.188*				*0.200*		*94.1*	*50-125*			
LCS Dup (B058009-BSD1)					Prepared: 08/31/12 Analyzed: 09/01/12						
Monochlorobiphenyls	0.18	0.0010			0.200		90.4	40-140	6.50	50	
Dichlorobiphenyls	0.19	0.0010			0.200		93.5	40-140	5.28	50	
Trichlorobiphenyls	0.19	0.0010			0.200		95.5	40-140	7.00	50	
Tetrachlorobiphenyls	0.39	0.0020			0.400		96.3	40-140	8.67	50	
Pentachlorobiphenyls	0.40	0.0020			0.400		101	40-140	2.08	50	
Hexachlorobiphenyls	0.39	0.0020			0.400		97.1	40-140	3.77	50	
Heptachlorobiphenyls	0.59	0.0030			0.600		99.1	40-140	3.08	50	
Octachlorobiphenyls	0.55	0.0030			0.600		91.9	40-140	1.26	50	
Nonachlorobiphenyls	1.1	0.0050			1.00		106	40-140	1.32	50	
Decachlorobiphenyl	1.0	0.0050			1.00		103	40-140	5.06	50	
Surrogate: Tetrachloro-m-xylene	*0.194*				*0.200*		*97.0*	*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.
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	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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

CHAIN OF CUSTODY RECORD

12H1080

Rev 04.05.12

Company Name: AML Environmental
Address: 622 Clinton Ave.
Bridgeport, CT
Attention:
Project Location: Osborn Hill
Sampled By: J. Prato

Telephone:
Project #
Client PO#

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

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

ANALYSIS REQUESTED: TO 10.A Homologue (680)

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection 8/30/12 Beginning Date/Time	Ending Date/Time	Volume	Grab	*Matrix Code	Conc Code	TO 10.A Homologue (680)
-01	8:30 AIR01 .Rm 107	358 -	8:03	1225.0				X
-02	↓ 02 -Rm108	358 -	8:00	1210.0				X
-03	↓ 03. Library above ceiling tile	402 -	8:10	1240.0				X

\# of Containers
** Preservation
***Container Code

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:

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

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

Signature	Date/Time
Relinquished by: (signature) [signature]	8/31/12
Received by: (signature) Paul Racicot	8/31/12 9:25
Relinquished by: (signature) Paul Racicot	8/31/12 12:00
Received by: (signature) Alan Prenkowski 5.6°C	8/31/12 12:00

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

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

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

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR 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

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: AMC Env RECEIVED BY: AP DATE: 8/31/12

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

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

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

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

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

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.6°C

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

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

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

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

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

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

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

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge TO-10	3
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

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

Time and Date Frozen:

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

September 14, 2012

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

Project Location: Osborn Hill School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 12I0367

Enclosed are results of analyses for samples received by the laboratory on September 13, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Worthington

Lisa A. Worthington
Project Manager

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: Sandy Owen

REPORT DATE: 9/14/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12I0367

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 School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
9-12 Air 01	12I0367-01	Indoor air		TO-10A/EPA 680 Modified	
9-12 Air 02	12I0367-02	Indoor air	1205	TO-10A/EPA 680 Modified	

con-test®
ANALYTICAL LABORATORY

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CASE NARRATIVE SUMMARY

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

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

Lisa A. Worthington
Project Chemist

con-test® ANALYTICAL LABORATORY
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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 9/13/2012
Field Sample #: 9-12 Air 01
Sample ID: 12I0367-01
Sample Matrix: Indoor air
Sampled: 9/12/2012 13:31

Sample Description/Location:
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1210

Work Order: 12I0367

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00083	1	9/14/12 12:09	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00083	1	9/14/12 12:09	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00083	1	9/14/12 12:09	CJM
Tetrachlorobiphenyls	ND	0.0020		ND	0.0017	1	9/14/12 12:09	CJM
Pentachlorobiphenyls	0.0032	0.0020		0.0026	0.0017	1	9/14/12 12:09	CJM
Hexachlorobiphenyls	0.0040	0.0020		0.0033	0.0017	1	9/14/12 12:09	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0025	1	9/14/12 12:09	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0025	1	9/14/12 12:09	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0041	1	9/14/12 12:09	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0041	1	9/14/12 12:09	CJM
Total Polychlorinated biphenyls	0.0072			0.0059		1	9/14/12 12:09	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	87.2	50-125	9/14/12 12:09

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 9/13/2012
Field Sample #: 9-12 Air 02
Sample ID: 12I0367-02
Sample Matrix: Indoor air
Sampled: 9/12/2012 13:33

Sample Description/Location: 1205
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1205

Work Order: 12I0367

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00083	1	9/14/12 12:42	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00083	1	9/14/12 12:42	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00083	1	9/14/12 12:42	CJM
Tetrachlorobiphenyls	0.0051	0.0020		0.0042	0.0017	1	9/14/12 12:42	CJM
Pentachlorobiphenyls	0.014	0.0020		0.011	0.0017	1	9/14/12 12:42	CJM
Hexachlorobiphenyls	0.0080	0.0020		0.0066	0.0017	1	9/14/12 12:42	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0025	1	9/14/12 12:42	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0025	1	9/14/12 12:42	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0041	1	9/14/12 12:42	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0041	1	9/14/12 12:42	CJM
Total Polychlorinated biphenyls	0.027			0.022		1	9/14/12 12:42	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	82.5	50-125	9/14/12 12:42

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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
12I0367-01 [9-12 Air 01]	B058704	1.00	1.00	09/13/12
12I0367-02 [9-12 Air 02]	B058704	1.00	1.00	09/13/12

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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
Batch B058704 - SW-846 3540C											
Blank (B058704-BLK1)					Prepared: 09/13/12 Analyzed: 09/14/12						
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	*0.165*				*0.200*		*82.5*	*50-125*			
LCS (B058704-BS1)					Prepared: 09/13/12 Analyzed: 09/14/12						
Monochlorobiphenyls	0.16	0.0010			0.200		81.2	40-140			
Dichlorobiphenyls	0.17	0.0010			0.200		85.5	40-140			
Trichlorobiphenyls	0.17	0.0010			0.200		84.0	40-140			
Tetrachlorobiphenyls	0.34	0.0020			0.400		84.7	40-140			
Pentachlorobiphenyls	0.36	0.0020			0.400		89.5	40-140			
Hexachlorobiphenyls	0.34	0.0020			0.400		84.0	40-140			
Heptachlorobiphenyls	0.52	0.0030			0.600		86.3	40-140			
Octachlorobiphenyls	0.48	0.0030			0.600		80.5	40-140			
Nonachlorobiphenyls	0.95	0.0050			1.00		94.6	40-140			
Decachlorobiphenyl	0.95	0.0050			1.00		94.8	40-140			
Surrogate: Tetrachloro-m-xylene	*0.186*				*0.200*		*92.8*	*50-125*			
LCS Dup (B058704-BSD1)					Prepared: 09/13/12 Analyzed: 09/14/12						
Monochlorobiphenyls	0.16	0.0010			0.200		78.5	40-140	3.35	50	
Dichlorobiphenyls	0.17	0.0010			0.200		82.9	40-140	3.12	50	
Trichlorobiphenyls	0.16	0.0010			0.200		81.2	40-140	3.41	50	
Tetrachlorobiphenyls	0.33	0.0020			0.400		82.6	40-140	2.51	50	
Pentachlorobiphenyls	0.35	0.0020			0.400		86.6	40-140	3.21	50	
Hexachlorobiphenyls	0.32	0.0020			0.400		80.5	40-140	4.20	50	
Heptachlorobiphenyls	0.49	0.0030			0.600		82.2	40-140	4.90	50	
Octachlorobiphenyls	0.46	0.0030			0.600		76.2	40-140	5.47	50	
Nonachlorobiphenyls	0.89	0.0050			1.00		89.0	40-140	6.11	50	
Decachlorobiphenyl	0.89	0.0050			1.00		89.0	40-140	6.39	50	
Surrogate: Tetrachloro-m-xylene	*0.185*				*0.200*		*92.7*	*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.

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

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AIR SAMPLE CHAIN OF CUSTODY RECORD

12I0367

Company Name: AMC Environmental
Address: 1027 Clinton Ave
Bridgeport, CT
Attention:
Project Location: Osborn Hill School
Sampled By: Justin Probe

Telephone:( )
Project #
Client PO #

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

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

Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	ONLY USE WHEN USING PUMPS Total Minutes Sampled	Flow Rate M^3/Min. or L / Min.	Volume Liters or M^3	Matrix Code*	ANALYSIS REQUESTED TO-10A Canister Analysis	" Hg Initial pressure	" Hg Final Pressure	Lab Receipt Pressure	Summa Canister ID	Flow Controller ID
9-12 AIR01	Rm 107	P	-01	929	131	242	5	1210	IA	X					
9-12 AIR02	Rm 108	↓	-02	932	133	241	5	1205	↓	X					

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

Laboratory Comments:

CLIENT COMMENTS:

Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:
	9/12/12 9:05		9/13/12 9:05
Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:
	9/13/12 12:05	5.6°C	9/13/12 12:05

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
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
TB=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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Sample Receipt Checklist

CLIENT NAME: AMC Eng. RECEIVED BY: AP DATE: 9/13/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included
2) Does the chain agree with the samples? (Yes) No
If not, explain:
3) Are all the samples in good condition? (Yes) No
If not, explain:
4) How were the samples received:
On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑
Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A
Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.6°C
5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____
6) Are there any RUSH or SHORT HOLDING TIME samples? (Yes) No
Who was notified _____ Date _____ Time _____
7) Location where samples are stored: 19
Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____
8) Do all samples have the proper Acid pH: Yes No (N/A) _____
9) Do all samples have the proper Base pH: Yes No (N/A) _____
10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No (N/A)

Containers received at Con-Test

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

Laboratory Comments:

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

Time and Date Frozen:

Laboratory Results – PCB Wipe Samples

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September 5, 2012

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: 12H1081

Enclosed are results of analyses for samples received by the laboratory on August 31, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Worthington

Lisa A. Worthington
Project Manager

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

REPORT DATE: 9/5/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12H1081

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
8-30 Wipe 01	12H1081-01	Wipe	Above Ceiling On Pipe	SW-846 8082A	
8-30 Wipe 02	12H1081-02	Wipe	Above Ceiling On Grid	SW-846 8082A	
8-30 Wipe 03	12H1081-03	Wipe	Above Ceiling On Duct	SW-846 8082A	
8-30 Wipe 04	12H1081-04	Wipe	Above Ceiling On CT	SW-846 8082A	
8-30 Wipe 05	12H1081-05	Wipe	Above Ceiling On Grid	SW-846 8082A	

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CASE NARRATIVE SUMMARY

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

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

Michael A. Erickson
Laboratory Director

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Project Location: Osborn School | Sample Description: Above Ceiling On Pipe | Work Order: 12H1081

Date Received: 8/31/2012

Field Sample #: 8-30 Wipe 01 | Sampled: 8/30/2012 00:00

Sample ID: 12H1081-01

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.0	µg/Wipe	10		SW-846 8082A	8/31/12	9/5/12 10:20	MJC
Aroclor-1221 [1]	ND	2.0	µg/Wipe	10		SW-846 8082A	8/31/12	9/5/12 10:20	MJC
Aroclor-1232 [1]	ND	2.0	µg/Wipe	10		SW-846 8082A	8/31/12	9/5/12 10:20	MJC
Aroclor-1242 [1]	ND	2.0	µg/Wipe	10		SW-846 8082A	8/31/12	9/5/12 10:20	MJC
Aroclor-1248 [1]	ND	2.0	µg/Wipe	10		SW-846 8082A	8/31/12	9/5/12 10:20	MJC
Aroclor-1254 [1]	10	2.0	µg/Wipe	10		SW-846 8082A	8/31/12	9/5/12 10:20	MJC
Aroclor-1260 [1]	ND	2.0	µg/Wipe	10		SW-846 8082A	8/31/12	9/5/12 10:20	MJC
Aroclor-1262 [1]	ND	2.0	µg/Wipe	10		SW-846 8082A	8/31/12	9/5/12 10:20	MJC
Aroclor-1268 [1]	ND	2.0	µg/Wipe	10		SW-846 8082A	8/31/12	9/5/12 10:20	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	115	30-150		9/5/12 10:20
Decachlorobiphenyl [2]	119	30-150		9/5/12 10:20
Tetrachloro-m-xylene [1]	108	30-150		9/5/12 10:20
Tetrachloro-m-xylene [2]	109	30-150		9/5/12 10:20

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Project Location: Osborn School | Sample Description: Above Ceiling On Grid | Work Order: 12H1081

Date Received: 8/31/2012

Field Sample #: 8-30 Wipe 02 | Sampled: 8/30/2012 00:00

Sample ID: 12H1081-02

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	8/31/12	9/5/12 10:33	MJC
Aroclor-1221 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	8/31/12	9/5/12 10:33	MJC
Aroclor-1232 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	8/31/12	9/5/12 10:33	MJC
Aroclor-1242 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	8/31/12	9/5/12 10:33	MJC
Aroclor-1248 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	8/31/12	9/5/12 10:33	MJC
Aroclor-1254 [1]	3.6	0.40	µg/Wipe	2		SW-846 8082A	8/31/12	9/5/12 10:33	MJC
Aroclor-1260 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	8/31/12	9/5/12 10:33	MJC
Aroclor-1262 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	8/31/12	9/5/12 10:33	MJC
Aroclor-1268 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	8/31/12	9/5/12 10:33	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	112	30-150		9/5/12 10:33
Decachlorobiphenyl [2]	116	30-150		9/5/12 10:33
Tetrachloro-m-xylene [1]	101	30-150		9/5/12 10:33
Tetrachloro-m-xylene [2]	104	30-150		9/5/12 10:33

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Project Location: Osborn School | Sample Description: Above Ceiling On Duct | Work Order: 12H1081

Date Received: 8/31/2012

Field Sample #: 8-30 Wipe 03 | Sampled: 8/30/2012 00:00

Sample ID: 12H1081-03

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:41	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:41	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:41	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:41	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:41	MJC
Aroclor-1254 [1]	1.6	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:41	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:41	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:41	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:41	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	117	30-150		9/5/12 9:41
Decachlorobiphenyl [2]	127	30-150		9/5/12 9:41
Tetrachloro-m-xylene [1]	97.5	30-150		9/5/12 9:41
Tetrachloro-m-xylene [2]	101	30-150		9/5/12 9:41

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Project Location: Osborn School | Sample Description: Above Ceiling On CT | Work Order: 12H1081

Date Received: 8/31/2012

Field Sample #: 8-30 Wipe 04 | Sampled: 8/30/2012 00:00

Sample ID: 12H1081-04

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.0	µg/Wipe	5		SW-846 8082A	8/31/12	9/5/12 10:46	MJC
Aroclor-1221 [1]	ND	1.0	µg/Wipe	5		SW-846 8082A	8/31/12	9/5/12 10:46	MJC
Aroclor-1232 [1]	ND	1.0	µg/Wipe	5		SW-846 8082A	8/31/12	9/5/12 10:46	MJC
Aroclor-1242 [1]	ND	1.0	µg/Wipe	5		SW-846 8082A	8/31/12	9/5/12 10:46	MJC
Aroclor-1248 [1]	ND	1.0	µg/Wipe	5		SW-846 8082A	8/31/12	9/5/12 10:46	MJC
Aroclor-1254 [1]	7.1	1.0	µg/Wipe	5		SW-846 8082A	8/31/12	9/5/12 10:46	MJC
Aroclor-1260 [1]	ND	1.0	µg/Wipe	5		SW-846 8082A	8/31/12	9/5/12 10:46	MJC
Aroclor-1262 [1]	ND	1.0	µg/Wipe	5		SW-846 8082A	8/31/12	9/5/12 10:46	MJC
Aroclor-1268 [1]	ND	1.0	µg/Wipe	5		SW-846 8082A	8/31/12	9/5/12 10:46	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	121	30-150		9/5/12 10:46
Decachlorobiphenyl [2]	125	30-150		9/5/12 10:46
Tetrachloro-m-xylene [1]	108	30-150		9/5/12 10:46
Tetrachloro-m-xylene [2]	111	30-150		9/5/12 10:46

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Project Location: Osborn School | Sample Description: Above Ceiling On Grid | Work Order: 12H1081

Date Received: 8/31/2012

Field Sample #: 8-30 Wipe 05 | Sampled: 8/30/2012 00:00

Sample ID: 12H1081-05

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:54	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:54	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:54	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:54	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:54	MJC
Aroclor-1254 [1]	2.3	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:54	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:54	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:54	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/31/12	9/5/12 9:54	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	98.9	30-150		9/5/12 9:54
Decachlorobiphenyl [2]	113	30-150		9/5/12 9:54
Tetrachloro-m-xylene [1]	91.7	30-150		9/5/12 9:54
Tetrachloro-m-xylene [2]	92.9	30-150		9/5/12 9:54

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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
12H1081-01 [8-30 Wipe 01]	B058030	1.00	10.0	08/31/12
12H1081-02 [8-30 Wipe 02]	B058030	1.00	10.0	08/31/12
12H1081-03 [8-30 Wipe 03]	B058030	1.00	10.0	08/31/12
12H1081-04 [8-30 Wipe 04]	B058030	1.00	10.0	08/31/12
12H1081-05 [8-30 Wipe 05]	B058030	1.00	10.0	08/31/12

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B058030 - SW-846 3540C										
Blank (B058030-BLK1)				Prepared: 08/31/12 Analyzed: 09/04/12						
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	*1.52*		µg/Wipe	2.00		75.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.45*		µg/Wipe	2.00		72.7	30-150			
Surrogate: Tetrachloro-m-xylene	*1.67*		µg/Wipe	2.00		83.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.63*		µg/Wipe	2.00		81.3	30-150			
LCS (B058030-BS1)				Prepared: 08/31/12 Analyzed: 09/04/12						
Aroclor-1016	0.50	0.20	µg/Wipe	0.500		100	40-140			
Aroclor-1016 [2C]	0.47	0.20	µg/Wipe	0.500		93.7	40-140			
Aroclor-1260	0.40	0.20	µg/Wipe	0.500		79.5	40-140			
Aroclor-1260 [2C]	0.41	0.20	µg/Wipe	0.500		82.1	40-140			
Surrogate: Decachlorobiphenyl	*1.53*		µg/Wipe	2.00		76.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.47*		µg/Wipe	2.00		73.5	30-150			
Surrogate: Tetrachloro-m-xylene	*1.80*		µg/Wipe	2.00		89.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.76*		µg/Wipe	2.00		87.9	30-150			
LCS Dup (B058030-BSD1)				Prepared: 08/31/12 Analyzed: 09/04/12						
Aroclor-1016	0.47	0.20	µg/Wipe	0.500		94.2	40-140	6.17	30	
Aroclor-1016 [2C]	0.45	0.20	µg/Wipe	0.500		89.9	40-140	4.07	30	
Aroclor-1260	0.39	0.20	µg/Wipe	0.500		77.4	40-140	2.65	30	
Aroclor-1260 [2C]	0.40	0.20	µg/Wipe	0.500		80.0	40-140	2.66	30	
Surrogate: Decachlorobiphenyl	*1.49*		µg/Wipe	2.00		74.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.43*		µg/Wipe	2.00		71.7	30-150			
Surrogate: Tetrachloro-m-xylene	*1.68*		µg/Wipe	2.00		84.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.65*		µg/Wipe	2.00		82.4	30-150			

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FLAG/QUALIFIER SUMMARY

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

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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

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

CHAIN OF CUSTODY RECORD

12H1081

Rev 04.05.12

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

Company Name: AMC Environmental
Address: 622 Clinton Ave.
Bridgeport, CT
Attention:
Project Location: Osborn Hill School
Sampled By: T. Prato

Telephone:
Project #
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email:
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
-01	8-30 wipe 01-Above ceiling on pipe	8/30/12					
-02	02-Above ceiling on Grid						
-03	03-Above ceiling on Duct						
-04	04-Above ceiling on CT						
-05	05-Above ceiling on Grid						

ANALYSIS REQUESTED

# of Containers	Soxhlet
	X
	X
	X
	X
	X

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

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

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

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

Comments:

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

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

Relinquished by: (signature)	Date/Time:
	8/31/12
Received by: (signature)	Date/Time:
Paul Racicot	8/31/12 9:25
Relinquished by: (signature)	Date/Time:
Paul Racicot	8/31/12 12:00
Received by: (signature)	Date/Time:
Alan Pierkowski 5.6°C	8/31/12 12:00

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

Detection Limit Requirements
Massachusetts:
Connecticut: 21 ppm
Other:

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

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR 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: AP DATE: 8/31/12

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

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

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

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

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

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.6°C

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

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No) AP
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 wipes	5
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

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

Time and Date Frozen:

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September 10, 2012

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

Project Location: Osborn Hill School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 12I0131

Enclosed are results of analyses for samples received by the laboratory on September 7, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Worthington

Lisa A. Worthington
Project Manager

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

REPORT DATE: 9/10/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12I0131

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 School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
9-6 01-Girls Bath	12I0131-01	Wipe		SW-846 8082A	
9-6 02-Boys Bath	12I0131-02	Wipe		SW-846 8082A	
9-6 03-Reading Rm	12I0131-03	Wipe		SW-846 8082A	
9-6 04-Computer Rm	12I0131-04	Wipe		SW-846 8082A	
9-6 05-Gym Hall	12I0131-05	Wipe		SW-846 8082A	
9-6 06-Book Storage	12I0131-06	Wipe		SW-846 8082A	

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CASE NARRATIVE SUMMARY

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

SW-846 8082A

Qualifications:

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

Analyte & Samples(s) Qualified:

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

1210131-05[9-6 05-Gym Hall]

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

Project Location: Osborn Hill School | Sample Description: | Work Order: 12I0131

Date Received: 9/7/2012

Field Sample #: 9-6 01-Girls Bath | Sampled: 9/6/2012 12:00

Sample ID: 12I0131-01

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:09	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:09	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:09	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:09	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:09	JMB
Aroclor-1254 [1]	0.57	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:09	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:09	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:09	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:09	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	103	30-150		9/9/12 6:09
Decachlorobiphenyl [2]	80.7	30-150		9/9/12 6:09
Tetrachloro-m-xylene [1]	98.7	30-150		9/9/12 6:09
Tetrachloro-m-xylene [2]	106	30-150		9/9/12 6:09

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Project Location: Osborn Hill School | Sample Description: | Work Order: 12I0131

Date Received: 9/7/2012

Field Sample #: 9-6 02-Boys Bath | Sampled: 9/6/2012 12:00

Sample ID: 12I0131-02

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:22	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:22	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:22	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:22	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:22	JMB
Aroclor-1254 [1]	0.79	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:22	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:22	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:22	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:22	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	104	30-150		9/9/12 6:22
Decachlorobiphenyl [2]	79.7	30-150		9/9/12 6:22
Tetrachloro-m-xylene [1]	99.2	30-150		9/9/12 6:22
Tetrachloro-m-xylene [2]	98.4	30-150		9/9/12 6:22

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Project Location: Osborn Hill School | Sample Description: | Work Order: 12I0131

Date Received: 9/7/2012

Field Sample #: 9-6 03-Reading Rm | Sampled: 9/6/2012 12:00

Sample ID: 12I0131-03

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:35	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:35	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:35	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:35	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:35	JMB
Aroclor-1254 [1]	0.42	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:35	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:35	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:35	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/7/12	9/9/12 6:35	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		9/9/12 6:35
Decachlorobiphenyl [2]	77.8	30-150		9/9/12 6:35
Tetrachloro-m-xylene [1]	96.3	30-150		9/9/12 6:35
Tetrachloro-m-xylene [2]	97.2	30-150		9/9/12 6:35

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

Project Location: Osborn Hill School | Sample Description: | Work Order: 12I0131

Date Received: 9/7/2012

Field Sample #: 9-6 04-Computer Rm | Sampled: 9/6/2012 12:00

Sample ID: 12I0131-04

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 5:36	JMB
Aroclor-1221 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 5:36	JMB
Aroclor-1232 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 5:36	JMB
Aroclor-1242 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 5:36	JMB
Aroclor-1248 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 5:36	JMB
Aroclor-1254 [1]	4.3	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 5:36	JMB
Aroclor-1260 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 5:36	JMB
Aroclor-1262 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 5:36	JMB
Aroclor-1268 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 5:36	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	109	30-150		9/10/12 5:36
Decachlorobiphenyl [2]	81.5	30-150		9/10/12 5:36
Tetrachloro-m-xylene [1]	108	30-150		9/10/12 5:36
Tetrachloro-m-xylene [2]	108	30-150		9/10/12 5:36

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

Project Location: Osborn Hill School | Sample Description: | Work Order: 12I0131

Date Received: 9/7/2012

Field Sample #: 9-6 05-Gym Hall | Sampled: 9/6/2012 12:00

Sample ID: 12I0131-05

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	20	µg/Wipe	100		SW-846 8082A	9/7/12	9/10/12 5:49	JMB
Aroclor-1221 [1]	ND	20	µg/Wipe	100		SW-846 8082A	9/7/12	9/10/12 5:49	JMB
Aroclor-1232 [1]	ND	20	µg/Wipe	100		SW-846 8082A	9/7/12	9/10/12 5:49	JMB
Aroclor-1242 [1]	ND	20	µg/Wipe	100		SW-846 8082A	9/7/12	9/10/12 5:49	JMB
Aroclor-1248 [1]	ND	20	µg/Wipe	100		SW-846 8082A	9/7/12	9/10/12 5:49	JMB
Aroclor-1254 [1]	44	20	µg/Wipe	100		SW-846 8082A	9/7/12	9/10/12 5:49	JMB
Aroclor-1260 [1]	130	20	µg/Wipe	100		SW-846 8082A	9/7/12	9/10/12 5:49	JMB
Aroclor-1262 [1]	ND	20	µg/Wipe	100		SW-846 8082A	9/7/12	9/10/12 5:49	JMB
Aroclor-1268 [1]	ND	20	µg/Wipe	100		SW-846 8082A	9/7/12	9/10/12 5:49	JMB

Surrogates	% Recovery	Recovery Limits	Flag			
Decachlorobiphenyl [1]	*	30-150	S-01			9/10/12 5:49
Decachlorobiphenyl [2]	*	30-150	S-01			9/10/12 5:49
Tetrachloro-m-xylene [1]	*	30-150	S-01			9/10/12 5:49
Tetrachloro-m-xylene [2]	*	30-150	S-01			9/10/12 5:49

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

Project Location: Osborn Hill School | Sample Description: | Work Order: 12I0131

Date Received: 9/7/2012

Field Sample #: 9-6 06-Book Storage | Sampled: 9/6/2012 12:00

Sample ID: 12I0131-06

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 6:02	JMB
Aroclor-1221 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 6:02	JMB
Aroclor-1232 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 6:02	JMB
Aroclor-1242 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 6:02	JMB
Aroclor-1248 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 6:02	JMB
Aroclor-1254 [1]	3.4	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 6:02	JMB
Aroclor-1260 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 6:02	JMB
Aroclor-1262 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 6:02	JMB
Aroclor-1268 [1]	ND	0.40	µg/Wipe	2		SW-846 8082A	9/7/12	9/10/12 6:02	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	103	30-150		9/10/12 6:02
Decachlorobiphenyl [2]	80.5	30-150		9/10/12 6:02
Tetrachloro-m-xylene [1]	98.8	30-150		9/10/12 6:02
Tetrachloro-m-xylene [2]	99.9	30-150		9/10/12 6:02

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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
12I0131-01 [9-6 01-Girls Bath]	B058376	1.00	10.0	09/07/12
12I0131-02 [9-6 02-Boys Bath]	B058376	1.00	10.0	09/07/12
12I0131-03 [9-6 03-Reading Rm]	B058376	1.00	10.0	09/07/12
12I0131-04 [9-6 04-Computer Rm]	B058376	1.00	10.0	09/07/12
12I0131-05 [9-6 05-Gym Hall]	B058376	1.00	10.0	09/07/12
12I0131-06 [9-6 06-Book Storage]	B058376	1.00	10.0	09/07/12

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B058376 - SW-846 3540C										
Blank (B058376-BLK1)				Prepared: 09/07/12 Analyzed: 09/09/12						
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	*2.05*		µg/Wipe	2.00		103	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.65*		µg/Wipe	2.00		82.6	30-150			
Surrogate: Tetrachloro-m-xylene	*1.89*		µg/Wipe	2.00		94.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.91*		µg/Wipe	2.00		95.5	30-150			
LCS (B058376-BS1)				Prepared: 09/07/12 Analyzed: 09/09/12						
Aroclor-1016	0.58	0.20	µg/Wipe	0.500		116	40-140			
Aroclor-1016 [2C]	0.56	0.20	µg/Wipe	0.500		112	40-140			
Aroclor-1260	0.59	0.20	µg/Wipe	0.500		118	40-140			
Aroclor-1260 [2C]	0.54	0.20	µg/Wipe	0.500		108	40-140			
Surrogate: Decachlorobiphenyl	*2.27*		µg/Wipe	2.00		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.80*		µg/Wipe	2.00		90.0	30-150			
Surrogate: Tetrachloro-m-xylene	*2.30*		µg/Wipe	2.00		115	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.36*		µg/Wipe	2.00		118	30-150			
LCS Dup (B058376-BSD1)				Prepared: 09/07/12 Analyzed: 09/09/12						
Aroclor-1016	0.56	0.20	µg/Wipe	0.500		112	40-140	3.62	30	
Aroclor-1016 [2C]	0.56	0.20	µg/Wipe	0.500		111	40-140	0.240	30	
Aroclor-1260	0.56	0.20	µg/Wipe	0.500		113	40-140	4.41	30	
Aroclor-1260 [2C]	0.55	0.20	µg/Wipe	0.500		111	40-140	2.19	30	
Surrogate: Decachlorobiphenyl	*2.27*		µg/Wipe	2.00		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.81*		µg/Wipe	2.00		90.7	30-150			
Surrogate: Tetrachloro-m-xylene	*2.30*		µg/Wipe	2.00		115	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.36*		µg/Wipe	2.00		118	30-150			

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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.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

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

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

CHAIN OF CUSTODY RECORD

Page____of____

Rev 04.05.12

12I0131

Company Name: AmC Environmental
Address: 622 Clinton Ave.
Bridgeport, CT
Attention:
Project Location: Osborn Hill School
Sampled By:

Telephone:
Project #
Client PO#

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

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

# of Containers
** Preservation
***Container Co

ANALYSIS REQUESTED

Dissolved Met
○ Field Filtered
○ Lab to Filter

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										
01	9-601-Girls Bath	9-6-12 PM						X										
02	9-602-Boys Bath	↓						X										
03	9-603-Reading Rm	↓						X										
04	9-604-Computer Rm	↓						X										
05	9-605-Gym Hall	↓						X										
06	9-606-Book storage	↓						X										

***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:
All samples taken above ceiling tile + in 100 cm² area.

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

Signature	Date/Time
Relinquished by: (signature) [signature]	9-6-12
Received by: (signature) Paul Racut	9-7-12 8:20
Relinquished by: (signature) Paul Racut	9-7-12 10:20
Received by: (signature) Kemi McGee 11.1	9/7/12 10:20

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

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

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

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR 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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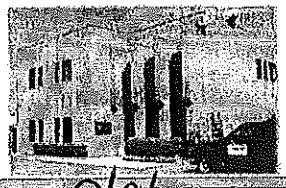


Sample Receipt Checklist

CLIENT NAME: AMC Environ. RECEIVED BY: KKM DATE: 9/7/12

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

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

If not, explain:

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

If not, explain:

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

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

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

Temperature °C by Temp blank _____ Temperature °C by Temp gun 11.1

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

Who was notified _____ Date _____ Time _____

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

Who was notified _____ Date _____ Time _____

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

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

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

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

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

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	6
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

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

Time and Date Frozen:

PHOENIX
Environmental Laboratories, Inc.

Monday, September 17, 2012

AMC Environmental
PO Box 423
Stratford, CT 06497

Project ID: OSBORN SCHOOL
Sample ID#s: BC67140 - BC67154

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 17, 2012

FOR: AMC Environmental
PO Box 423
Stratford, CT 06497

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		09/11/12	0:00
Location Code:	AMC-PCB	Received by:	LB	09/12/12	15:30
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBC67140
Phoenix ID: BC67140

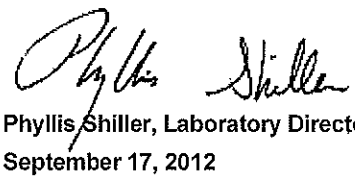
Project ID: OSBORN SCHOOL
Client ID: WIPE 01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			09/12/12	BQ/K	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1221	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1232	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1242	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1248	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1254	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1260	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1262	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1268	ND	1.0	ug	09/13/12	AW	SW8082
QA/QC Surrogates						
% DCBP	94		%	09/13/12	AW	30 - 150 %
% TCMX	76		%	09/13/12	AW	30 - 150 %

RL/PQL=Reporting/Pratical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director
September 17, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 17, 2012

FOR: AMC Environmental
PO Box 423
Stratford, CT 06497

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		09/11/12	0:00
Location Code:	AMC-PCB	Received by:	LB	09/12/12	15:30
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBC67140
Phoenix ID: BC67141

Project ID: OSBORN SCHOOL
Client ID: WIPE 02

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			09/12/12	BQ/K	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1221	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1232	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1242	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1248	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1254	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1260	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1262	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1268	ND	1.0	ug	09/13/12	AW	SW8082
QA/QC Surrogates						
% DCBP	92		%	09/13/12	AW	30 - 150 %
% TCMX	77		%	09/13/12	AW	30 - 150 %

RL/PQL=Reporting/Pratical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
September 17, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 17, 2012

FOR: AMC Environmental
PO Box 423
Stratford, CT 06497

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		09/11/12	0:00
Location Code:	AMC-PCB	Received by:	LB	09/12/12	15:30
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBC67140
Phoenix ID: BC67142

Project ID: OSBORN SCHOOL
Client ID: WIPE 03

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			09/12/12	BQ/K	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1221	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1232	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1242	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1248	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1254	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1260	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1262	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1268	ND	1.0	ug	09/13/12	AW	SW8082
QA/QC Surrogates						
% DCBP	72		%	09/13/12	AW	30 - 150 %
% TCMX	72		%	09/13/12	AW	30 - 150 %

RL/PQL=Reporting/Pratical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
September 17, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

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Analysis Report

September 17, 2012

FOR: AMC Environmental
PO Box 423
Stratford, CT 06497

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		09/11/12	0:00
Location Code:	AMC-PCB	Received by:	LB	09/12/12	15:30
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBC67140
Phoenix ID: BC67143

Project ID: OSBORN SCHOOL
Client ID: WIPE 04

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			09/12/12	BQ/K	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1221	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1232	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1242	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1248	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1254	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1260	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1262	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1268	ND	1.0	ug	09/13/12	AW	SW8082
QA/QC Surrogates						
% DCBP	99		%	09/13/12	AW	30 - 150 %
% TCMX	79		%	09/13/12	AW	30 - 150 %

RL/PQL=Reporting/Pratical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
September 17, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

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September 17, 2012

FOR: AMC Environmental
PO Box 423
Stratford, CT 06497

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		09/11/12	0:00
Location Code:	AMC-PCB	Received by:	LB	09/12/12	15:30
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBC67140
Phoenix ID: BC67144

Project ID: OSBORN SCHOOL
Client ID: WIPE 05

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			09/12/12	BQ/K	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1221	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1232	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1242	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1248	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1254	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1260	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1262	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1268	ND	1.0	ug	09/13/12	AW	SW8082
QA/QC Surrogates						
% DCBP	76		%	09/13/12	AW	30 - 150 %
% TCMX	69		%	09/13/12	AW	30 - 150 %

RL/PQL=Reporting/Pratical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
September 17, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

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Analysis Report

September 17, 2012

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PO Box 423
Stratford, CT 06497

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		09/11/12	0:00
Location Code:	AMC-PCB	Received by:	LB	09/12/12	15:30
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBC67140
Phoenix ID: BC67145

Project ID: OSBORN SCHOOL
Client ID: WIPE 06

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			09/12/12	BQ/K	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1221	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1232	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1242	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1248	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1254	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1260	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1262	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1268	ND	1.0	ug	09/13/12	AW	SW8082
QA/QC Surrogates						
% DCBP	91		%	09/13/12	AW	30 - 150 %
% TCMX	88		%	09/13/12	AW	30 - 150 %

RL/PQL=Reporting/Pratical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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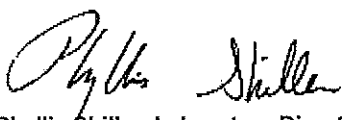

Phyllis Shiller, Laboratory Director
September 17, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

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PO Box 423
Stratford, CT 06497

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		09/11/12	0:00
Location Code:	AMC-PCB	Received by:	LB	09/12/12	15:30
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBC67140
Phoenix ID: BC67146

Project ID: OSBORN SCHOOL
Client ID: WIPE 07

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			09/12/12	BQ/K	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1221	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1232	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1242	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1248	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1254	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1260	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1262	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1268	ND	1.0	ug	09/13/12	AW	SW8082
QA/QC Surrogates						
% DCBP	84		%	09/13/12	AW	30 - 150 %
% TCMX	71		%	09/13/12	AW	30 - 150 %

RL/PQL=Reporting/Pratical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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September 17, 2012
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Stratford, CT 06497

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		09/11/12	0:00
Location Code:	AMC-PCB	Received by:	LB	09/12/12	15:30
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBC67140
Phoenix ID: BC67147

Project ID: OSBORN SCHOOL
Client ID: WIPE 08

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			09/12/12	BQ/K	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1221	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1232	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1242	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1248	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1254	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1260	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1262	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1268	ND	1.0	ug	09/13/12	AW	SW8082
QA/QC Surrogates						
% DCBP	78		%	09/13/12	AW	30 - 150 %
% TCMX	72		%	09/13/12	AW	30 - 150 %

RL/PQL=Reporting/Pratical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
September 17, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

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Analysis Report

September 17, 2012

FOR: AMC Environmental
PO Box 423
Stratford, CT 06497

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		09/11/12	0:00
Location Code:	AMC-PCB	Received by:	LB	09/12/12	15:30
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBC67140
Phoenix ID: BC67148

Project ID: OSBORN SCHOOL
Client ID: WIPE 09

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			09/12/12	BQ/K	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1221	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1232	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1242	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1248	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1254	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1260	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1262	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1268	ND	1.0	ug	09/13/12	AW	SW8082
QA/QC Surrogates						
% DCBP	74		%	09/13/12	AW	30 - 150 %
% TCMX	70		%	09/13/12	AW	30 - 150 %

RL/PQL=Reporting/Pratical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
September 17, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

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Analysis Report

September 17, 2012

FOR: AMC Environmental
PO Box 423
Stratford, CT 06497

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		09/11/12	0:00
Location Code:	AMC-PCB	Received by:	LB	09/12/12	15:30
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBC67140
Phoenix ID: BC67149

Project ID: OSBORN SCHOOL
Client ID: WIPE 10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			09/12/12	BQ/K	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1221	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1232	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1242	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1248	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1254	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1260	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1262	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1268	ND	1.0	ug	09/13/12	AW	SW8082
QA/QC Surrogates						
% DCBP	76		%	09/13/12	AW	30 - 150 %
% TCMX	76		%	09/13/12	AW	30 - 150 %

RL/PQL=Reporting/Pratical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
September 17, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

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Analysis Report

September 17, 2012

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PO Box 423
Stratford, CT 06497

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		09/11/12	0:00
Location Code:	AMC-PCB	Received by:	LB	09/12/12	15:30
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBC67140
Phoenix ID: BC67150

Project ID: OSBORN SCHOOL
Client ID: WIPE 11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			09/12/12	BQ/K	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1221	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1232	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1242	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1248	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1254	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1260	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1262	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1268	ND	1.0	ug	09/13/12	AW	SW8082
QA/QC Surrogates						
% DCBP	73		%	09/13/12	AW	30 - 150 %
% TCMX	75		%	09/13/12	AW	30 - 150 %

RL/PQL=Reporting/Pratical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
September 17, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

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Stratford, CT 06497

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		09/11/12	0:00
Location Code:	AMC-PCB	Received by:	LB	09/12/12	15:30
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBC67140
Phoenix ID: BC67151

Project ID: OSBORN SCHOOL
Client ID: WIPE 12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			09/12/12	BQ/K	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1221	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1232	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1242	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1248	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1254	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1260	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1262	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1268	ND	1.0	ug	09/13/12	AW	SW8082
QA/QC Surrogates						
% DCBP	84		%	09/13/12	AW	30 - 150 %
% TCMX	70		%	09/13/12	AW	30 - 150 %

RL/PQL=Reporting/Pratical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
September 17, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

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Analysis Report

September 17, 2012

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Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		09/11/12	0:00
Location Code:	AMC-PCB	Received by:	LB	09/12/12	15:30
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBC67140
Phoenix ID: BC67152

Project ID: OSBORN SCHOOL
Client ID: WIPE 13

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			09/12/12	BQ/K	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1221	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1232	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1242	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1248	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1254	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1260	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1262	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1268	ND	1.0	ug	09/13/12	AW	SW8082
QA/QC Surrogates						
% DCBP	85		%	09/13/12	AW	30 - 150 %
% TCMX	72		%	09/13/12	AW	30 - 150 %

RL/PQL=Reporting/Pratical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
September 17, 2012
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Stratford, CT 06497

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		09/11/12	0:00
Location Code:	AMC-PCB	Received by:	LB	09/12/12	15:30
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBC67140
Phoenix ID: BC67153

Project ID: OSBORN SCHOOL
Client ID: WIPE 14

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			09/12/12	BQ/K	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1221	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1232	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1242	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1248	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1254	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1260	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1262	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1268	ND	1.0	ug	09/13/12	AW	SW8082
QA/QC Surrogates						
% DCBP	80		%	09/13/12	AW	30 - 150 %
% TCMX	74		%	09/13/12	AW	30 - 150 %

RL/PQL=Reporting/Pratical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
September 17, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 17, 2012

FOR: AMC Environmental
PO Box 423
Stratford, CT 06497

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		09/11/12	0:00
Location Code:	AMC-PCB	Received by:	LB	09/12/12	15:30
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBC67140
Phoenix ID: BC67154

Project ID: OSBORN SCHOOL
Client ID: WIPE 15

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			09/12/12	BQ/K	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1221	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1232	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1242	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1248	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1254	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1260	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1262	ND	1.0	ug	09/13/12	AW	SW8082
PCB-1268	ND	1.0	ug	09/13/12	AW	SW8082
QA/QC Surrogates						
% DCBP	80		%	09/13/12	AW	30 - 150 %
% TCMX	76		%	09/13/12	AW	30 - 150 %

RL/PQL=Reporting/Pratical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
September 17, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

September 17, 2012

QA/QC Data

SDG I.D.: GBC67140

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 209099, QC Sample No: BC67140 (BC67140, BC67141, BC67142, BC67143, BC67144, BC67145, BC67146, BC67147, BC67148, BC67149, BC67150, BC67151, BC67152, BC67153, BC67154)									
Polychlorinated Biphenyl									
PCB-1016	ND	98	96	2.1				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	100	96	4.1				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	81	76	76	0.0				30 - 150	30
% TCMX (Surrogate Rec)	78	80	78	2.5				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
September 17, 2012

Requested Criteria: None

State: CT

Sample Criteria Exceedences Report

GBC67140 - AMC-PCB

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

6° w/ CT JP

Cooler: Yes ☐ No ☐
Coolant: IPK ☐ ICE ☐ N ☐
Temp °C Pg 1 of 2

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery:
☐ Fax #:
☒ Email:

Customer: AMC Environmental
Address: PO Box 423
Stratford, CT 06615

Project: Osborn School
Report to: results@amcenviro.com
Invoice to:
Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification
Sampler's Signature: Rick Onofrio Date: 9/11/12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request: Soxhlet 8082

Container columns: Soil VOA Vials [ ] methanol [ ] H2O; GL Soil container ( ) oz; GL Soil container ( ) oz; 40 ml VOA Vial [ ] As is [ ] HCl; GL Amber 1000ml [ ] As is [ ] H2SO4; PL As is [ ] 250ml [ ] 500ml [ ] 1000ml; PL H2SO4 [ ] 250ml [ ] 500ml; PL HNO3 250ml; PL NaOH 250ml; Bacteria Bottle

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Soxhlet 8082	
	wipe 01 - Book cover Marco Polo		9/11/12		x	67140
	wipe 02 - 1/5 Book Welcome Kinder				x	67141
	wipe 03 - Book cover Thidwick moose				x	67142
	wipe 04 Book cover See in the sky				x	67143
	wipe 05 - 1/5 Book Dear Mrs Larue				x	67144
	wipe 06 - Book cover The Keeping Quilt				x	67145
	wipe 07 - Book cover How to Steal a dog				x	67146
	wipe 08 - 1/5 Book Puppy Love				x	67147
	wipe 09 Book cover Stinky Flat again				x	67148
	wipe 10 Book cover Johnny Boo				x	67149
	wipe 11 Book cover Secret Agent 3				x	67150
	wipe 12 Book cover Biscuit wants to play				x	67151

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	9.12.12	11:50
[signature]	[signature]	9/12/12	1530

Comments, Special Requirements or Regulations:

< 1 ppm

Turnaround:
☒ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other
* SURCHARGE APPLIES

State where samples were collected: CT

Laboratory Results – PCB Bulk Samples

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

September 20, 2012

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

Project Location: 760 Stillson Ave
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 12I0364

Enclosed are results of analyses for samples received by the laboratory on September 13, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Worthington

Lisa A. Worthington
Project Manager

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: Sandy Owen

REPORT DATE: 9/20/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12I0364

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

PROJECT LOCATION: 760 Stillson Ave

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
01- Library CT- N/V	12I0364-01	Product/Solid		SW-846 8082A	
02- Library CT- N/V	12I0364-02	Product/Solid		SW-846 8082A	
03- Library CT- N/V	12I0364-03	Product/Solid		SW-846 8082A	
04- Library CT- A/V	12I0364-04	Product/Solid		SW-846 8082A	
05- Hallway CT- N/V	12I0364-05	Product/Solid		SW-846 8082A	
06- Hallway CT- N/V	12I0364-06	Product/Solid		SW-846 8082A	
07- Hall CT- A/V	12I0364-07	Product/Solid		SW-846 8082A	
08- Reading Rm CT- N/V	12I0364-08	Product/Solid		SW-846 8082A	
09- Reading Rm CT- A/V	12I0364-09	Product/Solid		SW-846 8082A	
10- Girls Bath CT- N/V	12I0364-10	Product/Solid		SW-846 8082A	
11- Girls Bath CT- A/V	12I0364-11	Product/Solid		SW-846 8082A	

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CASE NARRATIVE SUMMARY

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

SW-846 8082A

Qualifications:

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

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C], Aroclor-1260, Aroclor-1260 [2C]

B059047-MS2

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

Analyte & Samples(s) Qualified:

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

12I0364-01RE1[01- Library CT- N/V], 12I0364-02[02- Library CT- N/V], 12I0364-03[03- Library CT- N/V], 12I0364-04[04- Library CT- A/V]

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: 760 Stillson Ave | Sample Description: | Work Order: 12I0364

Date Received: 9/13/2012

Field Sample #: 01- Library CT- N/V | Sampled: 9/12/2012 00:00

Sample ID: 12I0364-01

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	10	mg/Kg	100		SW-846 8082A	9/18/12	9/20/12 15:39	MJC
Aroclor-1221 [1]	ND	10	mg/Kg	100		SW-846 8082A	9/18/12	9/20/12 15:39	MJC
Aroclor-1232 [1]	ND	10	mg/Kg	100		SW-846 8082A	9/18/12	9/20/12 15:39	MJC
Aroclor-1242 [1]	ND	10	mg/Kg	100		SW-846 8082A	9/18/12	9/20/12 15:39	MJC
Aroclor-1248 [1]	ND	10	mg/Kg	100		SW-846 8082A	9/18/12	9/20/12 15:39	MJC
Aroclor-1254 [2]	40	10	mg/Kg	100		SW-846 8082A	9/18/12	9/20/12 15:39	MJC
Aroclor-1260 [1]	ND	10	mg/Kg	100		SW-846 8082A	9/18/12	9/20/12 15:39	MJC
Aroclor-1262 [1]	ND	10	mg/Kg	100		SW-846 8082A	9/18/12	9/20/12 15:39	MJC
Aroclor-1268 [1]	ND	10	mg/Kg	100		SW-846 8082A	9/18/12	9/20/12 15:39	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	9/20/12 15:39
Decachlorobiphenyl [2]	*	30-150	S-01	9/20/12 15:39
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/20/12 15:39
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/20/12 15:39

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

Project Location: 760 Stillson Ave | Sample Description: | Work Order: 12I0364

Date Received: 9/13/2012

Field Sample #: 02- Library CT- N/V | Sampled: 9/12/2012 00:00

Sample ID: 12I0364-02

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:09	PJG
Aroclor-1221 [1]	ND	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:09	PJG
Aroclor-1232 [1]	ND	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:09	PJG
Aroclor-1242 [1]	ND	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:09	PJG
Aroclor-1248 [1]	ND	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:09	PJG
Aroclor-1254 [1]	39	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:09	PJG
Aroclor-1260 [1]	ND	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:09	PJG
Aroclor-1262 [1]	ND	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:09	PJG
Aroclor-1268 [1]	ND	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:09	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	9/17/12 10:09
Decachlorobiphenyl [2]	*	30-150	S-01	9/17/12 10:09
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/17/12 10:09
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/17/12 10:09

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

Project Location: 760 Stillson Ave | Sample Description: | Work Order: 12I0364

Date Received: 9/13/2012

Field Sample #: 03- Library CT- N/V | Sampled: 9/12/2012 00:00

Sample ID: 12I0364-03

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:22	PJG
Aroclor-1221 [1]	ND	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:22	PJG
Aroclor-1232 [1]	ND	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:22	PJG
Aroclor-1242 [1]	ND	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:22	PJG
Aroclor-1248 [1]	ND	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:22	PJG
Aroclor-1254 [1]	37	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:22	PJG
Aroclor-1260 [1]	ND	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:22	PJG
Aroclor-1262 [1]	ND	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:22	PJG
Aroclor-1268 [1]	ND	4.8	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:22	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	9/17/12 10:22
Decachlorobiphenyl [2]	*	30-150	S-01	9/17/12 10:22
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/17/12 10:22
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/17/12 10:22

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Project Location: 760 Stillson Ave | Sample Description: | Work Order: 12I0364

Date Received: 9/13/2012

Field Sample #: 04- Library CT- A/V | Sampled: 9/12/2012 00:00

Sample ID: 12I0364-04

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	4.5	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:35	PJG
Aroclor-1221 [1]	ND	4.5	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:35	PJG
Aroclor-1232 [1]	ND	4.5	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:35	PJG
Aroclor-1242 [1]	ND	4.5	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:35	PJG
Aroclor-1248 [1]	ND	4.5	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:35	PJG
Aroclor-1254 [1]	55	4.5	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:35	PJG
Aroclor-1260 [1]	ND	4.5	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:35	PJG
Aroclor-1262 [1]	ND	4.5	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:35	PJG
Aroclor-1268 [1]	ND	4.5	mg/Kg	50		SW-846 8082A	9/13/12	9/17/12 10:35	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	9/17/12 10:35
Decachlorobiphenyl [2]	*	30-150	S-01	9/17/12 10:35
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/17/12 10:35
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/17/12 10:35

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

Project Location: 760 Stillson Ave | Sample Description: | Work Order: 12I0364

Date Received: 9/13/2012

Field Sample #: 05- Hallway CT- N/V | Sampled: 9/12/2012 00:00

Sample ID: 12I0364-05

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.6	mg/Kg	20		SW-846 8082A	9/14/12	9/17/12 17:36	MJC
Aroclor-1221 [1]	ND	1.6	mg/Kg	20		SW-846 8082A	9/14/12	9/17/12 17:36	MJC
Aroclor-1232 [1]	ND	1.6	mg/Kg	20		SW-846 8082A	9/14/12	9/17/12 17:36	MJC
Aroclor-1242 [1]	ND	1.6	mg/Kg	20		SW-846 8082A	9/14/12	9/17/12 17:36	MJC
Aroclor-1248 [1]	ND	1.6	mg/Kg	20		SW-846 8082A	9/14/12	9/17/12 17:36	MJC
Aroclor-1254 [1]	11	1.6	mg/Kg	20		SW-846 8082A	9/14/12	9/17/12 17:36	MJC
Aroclor-1260 [1]	ND	1.6	mg/Kg	20		SW-846 8082A	9/14/12	9/17/12 17:36	MJC
Aroclor-1262 [1]	ND	1.6	mg/Kg	20		SW-846 8082A	9/14/12	9/17/12 17:36	MJC
Aroclor-1268 [1]	ND	1.6	mg/Kg	20		SW-846 8082A	9/14/12	9/17/12 17:36	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	125	30-150		9/17/12 17:36
Decachlorobiphenyl [2]	102	30-150		9/17/12 17:36
Tetrachloro-m-xylene [1]	111	30-150		9/17/12 17:36
Tetrachloro-m-xylene [2]	114	30-150		9/17/12 17:36

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

Project Location: 760 Stillson Ave | Sample Description: | Work Order: 12I0364

Date Received: 9/13/2012

Field Sample #: 06- Hallway CT- N/V | Sampled: 9/12/2012 00:00

Sample ID: 12I0364-06

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:01	PJG
Aroclor-1221 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:01	PJG
Aroclor-1232 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:01	PJG
Aroclor-1242 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:01	PJG
Aroclor-1248 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:01	PJG
Aroclor-1254 [1]	12	1.9	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:01	PJG
Aroclor-1260 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:01	PJG
Aroclor-1262 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:01	PJG
Aroclor-1268 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:01	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	124	30-150		9/17/12 11:01
Decachlorobiphenyl [2]	92.6	30-150		9/17/12 11:01
Tetrachloro-m-xylene [1]	102	30-150		9/17/12 11:01
Tetrachloro-m-xylene [2]	104	30-150		9/17/12 11:01

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Project Location: 760 Stillson Ave | Sample Description: | Work Order: 12I0364

Date Received: 9/13/2012

Field Sample #: 07- Hall CT- A/V | Sampled: 9/12/2012 00:00

Sample ID: 12I0364-07

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.8	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:13	PJG
Aroclor-1221 [1]	ND	1.8	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:13	PJG
Aroclor-1232 [1]	ND	1.8	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:13	PJG
Aroclor-1242 [1]	ND	1.8	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:13	PJG
Aroclor-1248 [1]	ND	1.8	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:13	PJG
Aroclor-1254 [1]	17	1.8	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:13	PJG
Aroclor-1260 [1]	ND	1.8	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:13	PJG
Aroclor-1262 [1]	ND	1.8	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:13	PJG
Aroclor-1268 [1]	ND	1.8	mg/Kg	20		SW-846 8082A	9/13/12	9/17/12 11:13	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	134	30-150		9/17/12 11:13
Decachlorobiphenyl [2]	101	30-150		9/17/12 11:13
Tetrachloro-m-xylene [1]	117	30-150		9/17/12 11:13
Tetrachloro-m-xylene [2]	119	30-150		9/17/12 11:13

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Project Location: 760 Stillson Ave | Sample Description: | Work Order: 12I0364

Date Received: 9/13/2012

Field Sample #: 08- Reading Rm CT- N/V | Sampled: 9/12/2012 00:00

Sample ID: 12I0364-08

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/13/12	9/17/12 11:26	PJG
Aroclor-1221 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/13/12	9/17/12 11:26	PJG
Aroclor-1232 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/13/12	9/17/12 11:26	PJG
Aroclor-1242 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/13/12	9/17/12 11:26	PJG
Aroclor-1248 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/13/12	9/17/12 11:26	PJG
Aroclor-1254 [1]	4.0	0.48	mg/Kg	5		SW-846 8082A	9/13/12	9/17/12 11:26	PJG
Aroclor-1260 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/13/12	9/17/12 11:26	PJG
Aroclor-1262 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/13/12	9/17/12 11:26	PJG
Aroclor-1268 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/13/12	9/17/12 11:26	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	111	30-150		9/17/12 11:26
Decachlorobiphenyl [2]	82.7	30-150		9/17/12 11:26
Tetrachloro-m-xylene [1]	99.4	30-150		9/17/12 11:26
Tetrachloro-m-xylene [2]	103	30-150		9/17/12 11:26

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Project Location: 760 Stillson Ave | Sample Description: | Work Order: 12I0364

Date Received: 9/13/2012

Field Sample #: 09- Reading Rm CT- A/V | Sampled: 9/12/2012 00:00

Sample ID: 12I0364-09

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:39	PJG
Aroclor-1221 [1]	ND	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:39	PJG
Aroclor-1232 [1]	ND	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:39	PJG
Aroclor-1242 [1]	ND	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:39	PJG
Aroclor-1248 [1]	ND	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:39	PJG
Aroclor-1254 [1]	4.6	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:39	PJG
Aroclor-1260 [1]	ND	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:39	PJG
Aroclor-1262 [1]	ND	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:39	PJG
Aroclor-1268 [1]	ND	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:39	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	115	30-150		9/17/12 11:39
Decachlorobiphenyl [2]	85.5	30-150		9/17/12 11:39
Tetrachloro-m-xylene [1]	102	30-150		9/17/12 11:39
Tetrachloro-m-xylene [2]	104	30-150		9/17/12 11:39

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Project Location: 760 Stillson Ave | Sample Description: | Work Order: 12I0364

Date Received: 9/13/2012

Field Sample #: 10- Girls Bath CT- N/V | Sampled: 9/12/2012 00:00

Sample ID: 12I0364-10

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.91	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:52	PJG
Aroclor-1221 [1]	ND	0.91	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:52	PJG
Aroclor-1232 [1]	ND	0.91	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:52	PJG
Aroclor-1242 [1]	ND	0.91	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:52	PJG
Aroclor-1248 [1]	ND	0.91	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:52	PJG
Aroclor-1254 [1]	8.3	0.91	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:52	PJG
Aroclor-1260 [1]	ND	0.91	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:52	PJG
Aroclor-1262 [1]	ND	0.91	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:52	PJG
Aroclor-1268 [1]	ND	0.91	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 11:52	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	120	30-150		9/17/12 11:52
Decachlorobiphenyl [2]	90.2	30-150		9/17/12 11:52
Tetrachloro-m-xylene [1]	106	30-150		9/17/12 11:52
Tetrachloro-m-xylene [2]	108	30-150		9/17/12 11:52

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Project Location: 760 Stillson Ave | Sample Description: | Work Order: 12I0364

Date Received: 9/13/2012

Field Sample #: 11- Girls Bath CT- A/V | Sampled: 9/12/2012 00:00

Sample ID: 12I0364-11

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 12:05	PJG
Aroclor-1221 [1]	ND	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 12:05	PJG
Aroclor-1232 [1]	ND	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 12:05	PJG
Aroclor-1242 [1]	ND	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 12:05	PJG
Aroclor-1248 [1]	ND	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 12:05	PJG
Aroclor-1254 [1]	10	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 12:05	PJG
Aroclor-1260 [1]	ND	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 12:05	PJG
Aroclor-1262 [1]	ND	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 12:05	PJG
Aroclor-1268 [1]	ND	0.95	mg/Kg	10		SW-846 8082A	9/13/12	9/17/12 12:05	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	114	30-150		9/17/12 12:05
Decachlorobiphenyl [2]	85.2	30-150		9/17/12 12:05
Tetrachloro-m-xylene [1]	103	30-150		9/17/12 12:05
Tetrachloro-m-xylene [2]	105	30-150		9/17/12 12:05

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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
12I0364-02 [02- Library CT- N/V]	B058738	2.10	10.0	09/13/12
12I0364-03 [03- Library CT- N/V]	B058738	2.10	10.0	09/13/12
12I0364-04 [04- Library CT- A/V]	B058738	2.20	10.0	09/13/12
12I0364-06 [06- Hallway CT- N/V]	B058738	2.10	10.0	09/13/12
12I0364-07 [07- Hall CT- A/V]	B058738	2.20	10.0	09/13/12
12I0364-08 [08- Reading Rm CT- N/V]	B058738	2.10	10.0	09/13/12
12I0364-09 [09- Reading Rm CT- A/V]	B058738	2.10	10.0	09/13/12
12I0364-10 [10- Girls Bath CT- N/V]	B058738	2.20	10.0	09/13/12
12I0364-11 [11- Girls Bath CT- A/V]	B058738	2.10	10.0	09/13/12

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12I0364-05RE1 [05- Hallway CT- N/V]	B058815	2.50	10.0	09/14/12

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12I0364-01RE1 [01- Library CT- N/V]	B059047	2.00	10.0	09/18/12

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B058738 - SW-846 3540C										
Blank (B058738-BLK1)				Prepared: 09/13/12 Analyzed: 09/14/12						
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	*1.04*		mg/Kg	1.00		104	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.791*		mg/Kg	1.00		79.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.932*		mg/Kg	1.00		93.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.949*		mg/Kg	1.00		94.9	30-150			
LCS (B058738-BS1)				Prepared: 09/13/12 Analyzed: 09/14/12						
Aroclor-1016	0.26	0.10	mg/Kg	0.250		106	40-140			
Aroclor-1016 [2C]	0.25	0.10	mg/Kg	0.250		101	40-140			
Aroclor-1260	0.26	0.10	mg/Kg	0.250		104	40-140			
Aroclor-1260 [2C]	0.23	0.10	mg/Kg	0.250		90.8	40-140			
Surrogate: Decachlorobiphenyl	*1.05*		mg/Kg	1.00		105	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.794*		mg/Kg	1.00		79.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.952*		mg/Kg	1.00		95.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.978*		mg/Kg	1.00		97.8	30-150			
LCS Dup (B058738-BSD1)				Prepared: 09/13/12 Analyzed: 09/14/12						
Aroclor-1016	0.22	0.10	mg/Kg	0.250		88.2	40-140	18.1	30	
Aroclor-1016 [2C]	0.21	0.10	mg/Kg	0.250		85.6	40-140	17.0	30	
Aroclor-1260	0.22	0.10	mg/Kg	0.250		90.0	40-140	14.8	30	
Aroclor-1260 [2C]	0.19	0.10	mg/Kg	0.250		75.0	40-140	19.0	30	
Surrogate: Decachlorobiphenyl	*0.870*		mg/Kg	1.00		87.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.663*		mg/Kg	1.00		66.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.788*		mg/Kg	1.00		78.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.806*		mg/Kg	1.00		80.6	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B058815 - SW-846 3540C										
Blank (B058815-BLK1)				Prepared: 09/14/12 Analyzed: 09/17/12						
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	*0.952*		mg/Kg	1.00		95.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.741*		mg/Kg	1.00		74.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.937*		mg/Kg	1.00		93.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.965*		mg/Kg	1.00		96.5	30-150			
LCS (B058815-BS1)				Prepared: 09/14/12 Analyzed: 09/17/12						
Aroclor-1016	0.27	0.10	mg/Kg	0.250		109	40-140			
Aroclor-1016 [2C]	0.26	0.10	mg/Kg	0.250		105	40-140			
Aroclor-1260	0.27	0.10	mg/Kg	0.250		106	40-140			
Aroclor-1260 [2C]	0.23	0.10	mg/Kg	0.250		90.5	40-140			
Surrogate: Decachlorobiphenyl	*1.07*		mg/Kg	1.00		107	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.821*		mg/Kg	1.00		82.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.991*		mg/Kg	1.00		99.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.02*		mg/Kg	1.00		102	30-150			
LCS Dup (B058815-BSD1)				Prepared: 09/14/12 Analyzed: 09/17/12						
Aroclor-1016	0.28	0.10	mg/Kg	0.250		113	40-140	3.79	30	
Aroclor-1016 [2C]	0.29	0.10	mg/Kg	0.250		115	40-140	8.69	30	
Aroclor-1260	0.27	0.10	mg/Kg	0.250		107	40-140	0.531	30	
Aroclor-1260 [2C]	0.23	0.10	mg/Kg	0.250		90.7	40-140	0.225	30	
Surrogate: Decachlorobiphenyl	*1.05*		mg/Kg	1.00		105	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.841*		mg/Kg	1.00		84.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.933*		mg/Kg	1.00		93.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.962*		mg/Kg	1.00		96.2	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 B059047 - SW-846 3540C										
Blank (B059047-BLK1)				Prepared: 09/18/12 Analyzed: 09/19/12						
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	*0.834*		mg/Kg	1.00		83.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.786*		mg/Kg	1.00		78.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.739*		mg/Kg	1.00		73.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.798*		mg/Kg	1.00		79.8	30-150			
LCS (B059047-BS1)				Prepared: 09/18/12 Analyzed: 09/19/12						
Aroclor-1016	0.23	0.10	mg/Kg	0.250		90.4	40-140			
Aroclor-1016 [2C]	0.24	0.10	mg/Kg	0.250		95.7	40-140			
Aroclor-1260	0.22	0.10	mg/Kg	0.250		89.0	40-140			
Aroclor-1260 [2C]	0.22	0.10	mg/Kg	0.250		87.5	40-140			
Surrogate: Decachlorobiphenyl	*0.892*		mg/Kg	1.00		89.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.845*		mg/Kg	1.00		84.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.791*		mg/Kg	1.00		79.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.847*		mg/Kg	1.00		84.7	30-150			
LCS Dup (B059047-BSD1)				Prepared: 09/18/12 Analyzed: 09/19/12						
Aroclor-1016	0.23	0.10	mg/Kg	0.250		91.8	40-140	1.58	30	
Aroclor-1016 [2C]	0.24	0.10	mg/Kg	0.250		96.1	40-140	0.377	30	
Aroclor-1260	0.23	0.10	mg/Kg	0.250		90.5	40-140	1.66	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg	0.250		88.2	40-140	0.802	30	
Surrogate: Decachlorobiphenyl	*0.904*		mg/Kg	1.00		90.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.851*		mg/Kg	1.00		85.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.796*		mg/Kg	1.00		79.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.852*		mg/Kg	1.00		85.2	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 B059047 - SW-846 3540C											
Matrix Spike (B059047-MS2)	**Source: 12I0364-01RE1**			Prepared: 09/18/12 Analyzed: 09/19/12							
Aroclor-1016	3.4	0.10	mg/Kg	0.250	0.0	**1340**	*	40-140			MS-21
Aroclor-1016 [2C]	5.2	0.10	mg/Kg	0.250	0.0	**2090**	*	40-140			MS-21
Aroclor-1260	7.7	0.10	mg/Kg	0.250	0.0	**3090**	*	40-140			MS-21
Aroclor-1260 [2C]	9.2	0.10	mg/Kg	0.250	0.0	**3690**	*	40-140			MS-21
Surrogate: Decachlorobiphenyl	*0.725*		mg/Kg	1.00		72.5		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.681*		mg/Kg	1.00		68.1		30-150			
Surrogate: Tetrachloro-m-xylene	*0.556*		mg/Kg	1.00		55.6		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.584*		mg/Kg	1.00		58.4		30-150			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
MS-21	Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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CERTIFICATIONS

Certified Analyses included in this Report

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

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

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

CHAIN OF CUSTODY RECORD

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

Rev 04.05.12

12F0364

Page ____ of ____

Page 22 of 24 CRWPDF87

Company Name: AMC Environmental LLC Telephone: 203378.5020

Address: 622 Clinton Ave Bridgeport Project #

Client PO#

Attention: Rick Onofrio

Project Location: 760 Stillson Ave

Sampled By: Rick Onofrio

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

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

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	10	Sat 6 left	# of Containers
01	01 - Library CT - N/V	9/12	9/12			S		X		
02	02 Library CT - N/V							X		
03	03 Library CT - N/V							X		
04	04 Library CT - A/V							X		
05	05 Hallway CT - N/V							X		
06	06 Hallway CT N/V							X		
07	07 Hall CT A/V							X		
08	08 Reading Rm CT - N/V							X		
09	09 Reading Rm CT - A/V							X		
10	10 Girls Bath CT - N/V							X		

ANALYSIS REQUESTED

Dissolved Met
○ 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:
Pg 1 of 2

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:
	9/12/12
Received by: (signature)	Date/Time:
	9/13/12
Relinquished by: (signature)	Date/Time:
	9/13/12
Received by: (signature)	Date/Time:
5.6°C	9/13/12 12:05

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

Detection Limit Requirements
Massachusetts:
Connecticut: ≤1 ppm
Other:

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

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR 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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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Rev 04.05.12

12I0364

Company Name: AMC
Address:
Attention:
Project Location: 760 stillson Ave Fairfield
Sampled By: DO
Project Proposal Provided? (for billing purposes) ○ yes ______ proposal date

Telephone:
Project #
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ☒ EMAIL ○ WEBSITE
Fax #
Email:
Format ☒ PDF ○ EXCEL ○ GIS
○ OTHER ______
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	ANALYSIS REQUESTED: sotblot										
# of Containers								1										
** Preservation																		
***Container Code								O										
11	11-Girls Bath-A/N	9/12	9/12			S		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:
pg 2 of 2

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

Signature	Date/Time
Relinquished by: (signature) [signature] 9 05	9/12/12
Received by: (signature) [signature] 9 05	9/13/12
Relinquished by: (signature) [signature] 12 05	9/13/12
Received by: (signature) Alan Pienkowski 5.6°C	9/13/12 12:05

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

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

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

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

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

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Sample Receipt Checklist

CLIENT NAME: AMC Env. RECEIVED BY: AR DATE: 9/13/12

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

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

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

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

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

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.6°C

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

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

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

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

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

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

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

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	11
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

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

Time and Date Frozen:

AMC
ENVIRONMENTAL, LLC

AMC
Environmental,
LLC

Phone:
203.378.5020
Fax:
203.375.7344
Email:
amc@amcenviro.com

P.O Box 423
Stratford, CT
06615

September 21, 2012

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

RE: Osborn Hill Elementary School – PCB Soil Sampling

Dear Mr. Morabito:

INTRODUCTION

On August, 21 2012, AMC Environmental collected a total of eight (8) exterior soil samples from two (2) different playground areas around Osborn Hill Elementary School in Fairfield, CT. The soil sampling was done after the discovery of elevated levels of PCB in the exterior caulk on the window unit of the school (see report dated April 25, 2012).

SOIL SAMPLING

The first three samples were obtained from the North elevation playground which is approximately 15-20 feet from the buildings foundation. The remaining five samples were collected from the southern end of the site. Both playground areas contain mulch as a covering that is said to be replenished on a yearly basis.

Various tools were used to loosen the soil and the tools were washed with soap and water then decontaminated using hexane between each sampling to avoid cross contamination. Disposable plastic scoops were used to collect the samples. The scoops were disposed of after each sample collection to avoid cross contamination. Each sample was composited from three (3) sub-samples at the grid levels.

SAMPLE ANALYSIS

All samples collected were transmitted to Con-Test Analytical Laboratory of East Longmeadow, MA. The analytical method for analysis included Soxhlet extraction method SM2540G and analysis method SW846 8082.

The sample numbers, locations, material descriptions, and analytical results are summarized in the table below.

1 PPM (parts per million) = 1 mg/Kg

Sample Number	Location	Results mg/Kg
August 21, 2012		
PCB-Soil-01	Playground – Façade D	ND
PCB-Soil-02	Playground – Façade D	ND
PCB-Soil-03	Playground – Façade D	ND
PCB-Soil-04	Playground – Façade C	ND
PCB-Soil-05	Playground – Façade C	ND
PCB-Soil-06	Playground – Façade C	ND
PCB-Soil-07	Playground – Façade C	ND
PCB-Soil-08	Playground – Façade C	ND

INTERPRETATION OF RESULTS

Eight (8) samples were obtained from the two playgrounds, on facades C and D. None of the eight samples documented detectable limits of PCB's in the soil. Therefore the playground soil levels are considered to be acceptable. It should be noted that the playgrounds receive a fresh layer of mulch at the start of each school year. Further testing of representative areas around the school will be required during and following the window replacement project.

Very truly yours,

Richard Onofrio

Richard Onofrio
Environmental Consultant

RO:so

Enclosure

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August 27, 2012

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

Project Location: Osborn Hill School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 12H0694

Enclosed are results of analyses for samples received by the laboratory on August 21, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Worthington

Lisa A. Worthington
Project Manager

con-test®
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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: 8/27/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12H0694

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 School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
8-21 Soil 01	12H0694-01	Soil	Playground "D" Facade	SM 2540G	
				SW-846 8082A	
8-21 Soil 02	12H0694-02	Soil	Playground "D" Facade	SM 2540G	
				SW-846 8082A	
8-21 Soil 03	12H0694-03	Soil	Playground "D" Facade	SM 2540G	
				SW-846 8082A	
8-21 Soil 04	12H0694-04	Soil	Playground "C" Facade	SW-846 8082A	
8-21 Soil 05	12H0694-05	Soil	Playground "C" Facade	SM 2540G	
				SW-846 8082A	
8-21 Soil 06	12H0694-06	Soil	Playground "C" Facade	SM 2540G	
				SW-846 8082A	
8-21 Soil 07	12H0694-07	Soil	Playground "C" Facade	SM 2540G	
				SW-846 8082A	
8-21 Soil 08	12H0694-08	Soil	Playground "C" Facade	SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

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

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

Michael A. Erickson
Laboratory Director

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

Project Location: Osborn Hill School | Sample Description: Playground "D" Facade | Work Order: 12H0694

Date Received: 8/21/2012

Field Sample #: 8-21 Soil 01 | Sampled: 8/21/2012 00:00

Sample ID: 12H0694-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:27	JMB
Aroclor-1221 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:27	JMB
Aroclor-1232 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:27	JMB
Aroclor-1242 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:27	JMB
Aroclor-1248 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:27	JMB
Aroclor-1254 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:27	JMB
Aroclor-1260 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:27	JMB
Aroclor-1262 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:27	JMB
Aroclor-1268 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:27	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	66.7	30-150		8/24/12 13:27
Decachlorobiphenyl [2]	71.7	30-150		8/24/12 13:27
Tetrachloro-m-xylene [1]	86.8	30-150		8/24/12 13:27
Tetrachloro-m-xylene [2]	89.1	30-150		8/24/12 13:27

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

Project Location: Osborn Hill School | Sample Description: Playground "D" Facade | Work Order: 12H0694

Date Received: 8/21/2012

Field Sample #: 8-21 Soil 01 | Sampled: 8/21/2012 00:00

Sample ID: 12H0694-01

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	32.3		% Wt	1		SM 2540G	8/24/12	8/24/12 15:46	CMF

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Project Location: Osborn Hill School | Sample Description: Playground "D" Facade | Work Order: 12H0694

Date Received: 8/21/2012

Field Sample #: 8-21 Soil 02 | Sampled: 8/21/2012 00:00

Sample ID: 12H0694-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.32	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:40	JMB
Aroclor-1221 [1]	ND	0.32	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:40	JMB
Aroclor-1232 [1]	ND	0.32	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:40	JMB
Aroclor-1242 [1]	ND	0.32	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:40	JMB
Aroclor-1248 [1]	ND	0.32	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:40	JMB
Aroclor-1254 [1]	ND	0.32	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:40	JMB
Aroclor-1260 [1]	ND	0.32	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:40	JMB
Aroclor-1262 [1]	ND	0.32	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:40	JMB
Aroclor-1268 [1]	ND	0.32	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:40	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	48.0	30-150		8/24/12 13:40
Decachlorobiphenyl [2]	56.8	30-150		8/24/12 13:40
Tetrachloro-m-xylene [1]	86.1	30-150		8/24/12 13:40
Tetrachloro-m-xylene [2]	87.2	30-150		8/24/12 13:40

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Project Location: Osborn Hill School | Sample Description: Playground "D" Facade | Work Order: 12H0694

Date Received: 8/21/2012

Field Sample #: 8-21 Soil 02 | Sampled: 8/21/2012 00:00

Sample ID: 12H0694-02

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	30.6		% Wt	1		SM 2540G	8/24/12	8/24/12 15:46	CMF

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Project Location: Osborn Hill School | Sample Description: Playground "D" Facade | Work Order: 12H0694

Date Received: 8/21/2012

Field Sample #: 8-21 Soil 03 | Sampled: 8/21/2012 00:00

Sample ID: 12H0694-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.24	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:53	JMB
Aroclor-1221 [1]	ND	0.24	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:53	JMB
Aroclor-1232 [1]	ND	0.24	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:53	JMB
Aroclor-1242 [1]	ND	0.24	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:53	JMB
Aroclor-1248 [1]	ND	0.24	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:53	JMB
Aroclor-1254 [1]	ND	0.24	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:53	JMB
Aroclor-1260 [1]	ND	0.24	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:53	JMB
Aroclor-1262 [1]	ND	0.24	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:53	JMB
Aroclor-1268 [1]	ND	0.24	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 13:53	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	53.5	30-150		8/24/12 13:53
Decachlorobiphenyl [2]	60.0	30-150		8/24/12 13:53
Tetrachloro-m-xylene [1]	82.2	30-150		8/24/12 13:53
Tetrachloro-m-xylene [2]	79.9	30-150		8/24/12 13:53

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Project Location: Osborn Hill School | Sample Description: Playground "D" Facade | Work Order: 12H0694

Date Received: 8/21/2012

Field Sample #: 8-21 Soil 03 | Sampled: 8/21/2012 00:00

Sample ID: 12H0694-03

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	41.6		% Wt	1		SM 2540G	8/24/12	8/24/12 15:46	CMF

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Project Location: Osborn Hill School | Sample Description: Playground "C" Facade | Work Order: 12H0694

Date Received: 8/21/2012

Field Sample #: 8-21 Soil 04 | Sampled: 8/21/2012 00:00

Sample ID: 12H0694-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg wet	5		SW-846 8082A	8/21/12	8/24/12 14:06	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg wet	5		SW-846 8082A	8/21/12	8/24/12 14:06	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg wet	5		SW-846 8082A	8/21/12	8/24/12 14:06	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg wet	5		SW-846 8082A	8/21/12	8/24/12 14:06	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg wet	5		SW-846 8082A	8/21/12	8/24/12 14:06	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg wet	5		SW-846 8082A	8/21/12	8/24/12 14:06	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg wet	5		SW-846 8082A	8/21/12	8/24/12 14:06	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg wet	5		SW-846 8082A	8/21/12	8/24/12 14:06	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg wet	5		SW-846 8082A	8/21/12	8/24/12 14:06	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	94.1	30-150		8/24/12 14:06
Decachlorobiphenyl [2]	99.8	30-150		8/24/12 14:06
Tetrachloro-m-xylene [1]	113	30-150		8/24/12 14:06
Tetrachloro-m-xylene [2]	114	30-150		8/24/12 14:06

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Project Location: Osborn Hill School | Sample Description: Playground "C" Facade | Work Order: 12H0694

Date Received: 8/21/2012

Field Sample #: 8-21 Soil 05 | Sampled: 8/21/2012 00:00

Sample ID: 12H0694-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:19	JMB
Aroclor-1221 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:19	JMB
Aroclor-1232 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:19	JMB
Aroclor-1242 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:19	JMB
Aroclor-1248 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:19	JMB
Aroclor-1254 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:19	JMB
Aroclor-1260 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:19	JMB
Aroclor-1262 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:19	JMB
Aroclor-1268 [1]	ND	0.19	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:19	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	69.6	30-150		8/24/12 14:19
Decachlorobiphenyl [2]	75.1	30-150		8/24/12 14:19
Tetrachloro-m-xylene [1]	90.2	30-150		8/24/12 14:19
Tetrachloro-m-xylene [2]	90.8	30-150		8/24/12 14:19

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Project Location: Osborn Hill School | Sample Description: Playground "C" Facade | Work Order: 12H0694

Date Received: 8/21/2012

Field Sample #: 8-21 Soil 05 | Sampled: 8/21/2012 00:00

Sample ID: 12H0694-05

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	53.3		% Wt	1		SM 2540G	8/24/12	8/24/12 15:46	CMF

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Project Location: Osborn Hill School | Sample Description: Playground "C" Facade | Work Order: 12H0694

Date Received: 8/21/2012

Field Sample #: 8-21 Soil 06 | Sampled: 8/21/2012 00:00

Sample ID: 12H0694-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.33	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:32	JMB
Aroclor-1221 [1]	ND	0.33	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:32	JMB
Aroclor-1232 [1]	ND	0.33	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:32	JMB
Aroclor-1242 [1]	ND	0.33	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:32	JMB
Aroclor-1248 [1]	ND	0.33	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:32	JMB
Aroclor-1254 [1]	ND	0.33	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:32	JMB
Aroclor-1260 [1]	ND	0.33	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:32	JMB
Aroclor-1262 [1]	ND	0.33	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:32	JMB
Aroclor-1268 [1]	ND	0.33	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:32	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	52.9	30-150		8/24/12 14:32
Decachlorobiphenyl [2]	57.8	30-150		8/24/12 14:32
Tetrachloro-m-xylene [1]	73.4	30-150		8/24/12 14:32
Tetrachloro-m-xylene [2]	75.0	30-150		8/24/12 14:32

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Project Location: Osborn Hill School | Sample Description: Playground "C" Facade | Work Order: 12H0694

Date Received: 8/21/2012

Field Sample #: 8-21 Soil 06 | Sampled: 8/21/2012 00:00

Sample ID: 12H0694-06

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	30.0		% Wt	1		SM 2540G	8/24/12	8/24/12 15:46	CMF

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Project Location: Osborn Hill School | Sample Description: Playground "C" Facade | Work Order: 12H0694

Date Received: 8/21/2012

Field Sample #: 8-21 Soil 07 | Sampled: 8/21/2012 00:00

Sample ID: 12H0694-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:45	JMB
Aroclor-1221 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:45	JMB
Aroclor-1232 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:45	JMB
Aroclor-1242 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:45	JMB
Aroclor-1248 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:45	JMB
Aroclor-1254 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:45	JMB
Aroclor-1260 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:45	JMB
Aroclor-1262 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:45	JMB
Aroclor-1268 [1]	ND	0.30	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:45	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	40.7	30-150		8/24/12 14:45
Decachlorobiphenyl [2]	46.8	30-150		8/24/12 14:45
Tetrachloro-m-xylene [1]	69.6	30-150		8/24/12 14:45
Tetrachloro-m-xylene [2]	71.6	30-150		8/24/12 14:45

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Project Location: Osborn Hill School | Sample Description: Playground "C" Facade | Work Order: 12H0694

Date Received: 8/21/2012

Field Sample #: 8-21 Soil 07 | Sampled: 8/21/2012 00:00

Sample ID: 12H0694-07

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	32.7		% Wt	1		SM 2540G	8/24/12	8/24/12 15:46	CMF

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Project Location: Osborn Hill School | Sample Description: Playground "C" Facade | Work Order: 12H0694

Date Received: 8/21/2012

Field Sample #: 8-21 Soil 08 | Sampled: 8/21/2012 00:00

Sample ID: 12H0694-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.26	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:58	JMB
Aroclor-1221 [1]	ND	0.26	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:58	JMB
Aroclor-1232 [1]	ND	0.26	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:58	JMB
Aroclor-1242 [1]	ND	0.26	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:58	JMB
Aroclor-1248 [1]	ND	0.26	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:58	JMB
Aroclor-1254 [1]	ND	0.26	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:58	JMB
Aroclor-1260 [1]	ND	0.26	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:58	JMB
Aroclor-1262 [1]	ND	0.26	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:58	JMB
Aroclor-1268 [1]	ND	0.26	mg/Kg dry	5		SW-846 8082A	8/21/12	8/24/12 14:58	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	51.2	30-150		8/24/12 14:58
Decachlorobiphenyl [2]	57.5	30-150		8/24/12 14:58
Tetrachloro-m-xylene [1]	85.6	30-150		8/24/12 14:58
Tetrachloro-m-xylene [2]	85.7	30-150		8/24/12 14:58

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Project Location: Osborn Hill School | Sample Description: Playground "C" Facade | Work Order: 12H0694

Date Received: 8/21/2012

Field Sample #: 8-21 Soil 08 | Sampled: 8/21/2012 00:00

Sample ID: 12H0694-08

Sample Matrix: Soil

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

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	39.1		% Wt	1		SM 2540G	8/24/12	8/24/12 15:46	CMF

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12H0694-01 [8-21 Soil 01]	B057594	08/24/12
12H0694-02 [8-21 Soil 02]	B057594	08/24/12
12H0694-03 [8-21 Soil 03]	B057594	08/24/12
12H0694-05 [8-21 Soil 05]	B057594	08/24/12
12H0694-06 [8-21 Soil 06]	B057594	08/24/12
12H0694-07 [8-21 Soil 07]	B057594	08/24/12
12H0694-08 [8-21 Soil 08]	B057594	08/24/12

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12H0694-01 [8-21 Soil 01]	B057409	10.2	10.0	08/21/12
12H0694-02 [8-21 Soil 02]	B057409	10.1	10.0	08/21/12
12H0694-03 [8-21 Soil 03]	B057409	10.2	10.0	08/21/12
12H0694-04 [8-21 Soil 04]	B057409	8.80	10.0	08/21/12
12H0694-05 [8-21 Soil 05]	B057409	10.0	10.0	08/21/12
12H0694-06 [8-21 Soil 06]	B057409	10.0	10.0	08/21/12
12H0694-07 [8-21 Soil 07]	B057409	10.3	10.0	08/21/12
12H0694-08 [8-21 Soil 08]	B057409	10.0	10.0	08/21/12

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B057409 - SW-846 3540C										
Blank (B057409-BLK1)				Prepared: 08/21/12 Analyzed: 08/24/12						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.227*		mg/Kg wet	0.200		114	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.183*		mg/Kg wet	0.200		91.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.174*		mg/Kg wet	0.200		87.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.182*		mg/Kg wet	0.200		91.2	30-150			
LCS (B057409-BS1)				Prepared: 08/21/12 Analyzed: 08/24/12						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		102	40-140			
Aroclor-1016 [2C]	0.20	0.10	mg/Kg wet	0.200		99.2	40-140			
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		110	40-140			
Aroclor-1260 [2C]	0.23	0.10	mg/Kg wet	0.200		116	40-140			
Surrogate: Decachlorobiphenyl	*0.232*		mg/Kg wet	0.200		116	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.189*		mg/Kg wet	0.200		94.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.174*		mg/Kg wet	0.200		87.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.182*		mg/Kg wet	0.200		90.8	30-150			
LCS Dup (B057409-BSD1)				Prepared: 08/21/12 Analyzed: 08/24/12						
Aroclor-1016	0.18	0.10	mg/Kg wet	0.200		88.8	40-140	14.2	30	
Aroclor-1016 [2C]	0.17	0.10	mg/Kg wet	0.200		85.7	40-140	14.6	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		95.4	40-140	14.4	30	
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		102	40-140	13.1	30	
Surrogate: Decachlorobiphenyl	*0.202*		mg/Kg wet	0.200		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.164*		mg/Kg wet	0.200		81.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.147*		mg/Kg wet	0.200		73.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.154*		mg/Kg wet	0.200		77.0	30-150			

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FLAG/QUALIFIER SUMMARY

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

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

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CERTIFICATIONS

Certified Analyses included in this Report

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

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

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

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CHAIN OF CUSTODY RECORD

12H0694

Rev 04.05.12

con-test ANALYTICAL LABORATORY
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East longmeadow, MA 01028

Page ____ of ____

Company Name: AMC Environmental
Address: 6222 Clinton Ave
Bridgeport, CT
Attention:
Project Location: Osborn Hill School
Sampled By:

Telephone:
Project #
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email:
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	Cont. Code
-01	8-21 Soil 01 - Playground 'D' Facade					S	
-02	8-21 Soil 02						
-03	8-21 Soil 03						
-04	8-21 Soil 04 - Playground 'C' Facade						
-05	8-21 Soil 05						
-06	8-21 Soil 06						
-07	8-21 Soil 07						
-08	8-21 Soil 08						

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 Test for PCB in Soil

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

	Date/Time:
Relinquished by: (signature)	8-21-12 1230
Received by: (signature) 12:30	8/21/12
Relinquished by: (signature) 4:40	8/21/12
Received by: (signature) 4:30	8-21-12 16:40

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

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

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

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR 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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www.contestlabs.com

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Sample Receipt Checklist

CLIENT NAME: AMC Environ. RECEIVED BY: KKM DATE: 8-21-12

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

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

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

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

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

Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.3 C

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

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

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

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

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

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

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

Containers received at Con-Test

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

Laboratory Comments:

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

Time and Date Frozen: