Fairfield Public Schools
Fairfield, CT 06825

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

FROM: Salvatore Morabito

DATE: March 7, 2013

RE: Osborn Hill Quarterly Testing Results

This letter is to notify you that the Fairfield Public School District has received the results of the quarterly follow-up testing for Polychlorinated Biphenyl (PCB) at Osborn Hill School conducted on February 18, 2013. This testing consisted of air and wipe samples taken in a portion of the interior spaces previously tested this past summer. In addition, an inspection was made of previously encapsulated surfaces to ensure that these engineering controls are intact and are effective.

I am happy to report that all of the air and wipe samples documented levels well below the EPA recommended limits and that the inspection of the encapsulated surfaces shows them to be intact and effective.

The analytical results that were attached to the AMC Report will be posted on the Fairfield Public Schools' website. The Central Office Administration and the Osborn Hill School Principal will keep PCB test reports on file per State regulations.

If you have any questions or concerns regarding the specialized cleaning or the PCB testing, 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

March 4, 2013

Mr. Tom Cullen
Fairfield Board of Education
501 Kings Highway East
Fairfield, CT 06824

RE: PCB Operations and Maintenance Report for Osborn Hill Elementary School – February 2013 Sampling

Dear Mr. Cullen:

INTRODUCTION

AMC Environmental performed the quarterly testing at Osborn Hill Elementary School located at 760 Stillson Road in Fairfield, CT on February 18, 2013 in accordance with the PCB Operations and Maintenance Plan that was developed and submitted on August 23, 2012. The inspection included three steps; visual assessments of previously encapsulated surfaces within the school, confirmatory wipe sampling, and confirmatory air sampling. This is the first round of quarterly testing performed since the library and media center have been open to the rest of the school.

SAMPLING

PCB Air Sampling

PCB in air testing was conducted in ten (10) separate areas of the school in accordance with the PCB Operations and Maintenance Plan. The areas tested during this round of sampling were: Rooms 103, 104, 105, 106, 107, 108, 116, Main Office, Music Room and the Hallways outside Room 107 and 108.

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

PCB Wipe Sampling

PCB in wipe testing was conducted on twenty-one (21) surfaces within the same areas mentioned in the PCB air sampling section. The surfaces tested were floors, walls, bookshelves, desks, books and windowsills.

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

RESULTS

PCB Air Samples

A total of ten (10) PCB air samples were obtained from select areas throughout Osborn Hill Elementary School. All ten (10) samples documented concentrations below the EPA recommended 300 ng/m^3 threshold for children over the age of six. A more conservative threshold of 100 ng/m^3 is the EPA recommended limit for kindergarten areas (<6 years old) within the school. Based on the sample results, the air samples collected in the kindergarten rooms all document **acceptable** levels of PCB in the air (see Analytical Results). Table 1 documents the location and sample results for PCB air samples obtained.

Table 1 – PCB Air Samples

Sample Number	Location	Results ng/m^3
0218/Air-01	Music Room	8.2
0218/Air-02	Main Office	31
0218/Air-03	Room 103	22
0218/Air-04	Room 108	5.9
0218/Air-05	Room 104	23
0218/Air-06	Room 105	8.3
0218/Air-07	Room 106	11
0218/Air-08	Room 107	19
0218/Air-09	Hall o/s Room 108/107	43
0218/Air-10	Room 116	ND

PCB Wipe Samples

A total of twenty-one (21) PCB wipe samples were obtained from select surfaces and areas throughout Osborn Hill Elementary School. All twenty-one (21) samples documented levels below the 1 µg/100 cm^2, the recommended limits for surfaces within dermal contact set forth by the EPA and the CT DEEP. Therefore, the PCB wipe samples documented **acceptable** levels within the areas tested (see Analytical Results). Table 2 documents the locations, surfaces and sample results for PCB wipe samples obtained.

Table 2 – PCB Wipe Results

Sample Number	Location	Surface	Result µg/100cm^2
0218/wipe-01	Room 105	Floor	ND
0218/wipe-02	Room 105	Wall	ND
0218/wipe-03	Room 106	Desk	ND
0218/wipe-04	Room 106	Wall	ND
0218/wipe-05	Room 107	Floor	ND
0218/wipe-06	Room 107	Wall	ND
0218/wipe-07	Room 108	Desk	ND
0218/wipe-08	Room 108	Bookshelf	ND
0218/wipe-09	Room 104	Wall	ND
0218/wipe-10	Room 104	Floor	ND
0218/wipe-11	Room 104	Windowsill	ND
0218/wipe-12	Room 103	Book	ND
0218/wipe-13	Room 103	Wall	ND
0218/wipe-14	Music Room	Desk	ND
0218/wipe-15	Music Room	Wall	ND
0218/wipe-16	Main Office	Desk	ND
0218/wipe-17	Main Office	Floor	ND
0218/wipe-18	Hall o/s Room 108 & 107	Floor	ND
0218/wipe-19	Hall o/s Room 108 & 107	Wall	ND
0218/wipe-20	Room 116	Floor	ND
0218/wipe-21	Room 116	Wall	ND

Visual Inspection

The last component of the PCB Quarterly testing and monitoring included a thorough visual inspection of encapsulated surfaces throughout the school that contain a PCB containing material. As an interim measure, the previously identified PCB-containing paint on the schools interior block walls were encapsulated with an epoxy paint to eliminate the migration of PCB dust as well as maintain dermal hazards. Additionally, two hallways within the school were identified as having a stone tile that contained a PCB containing sealant on its surface. As an interim control in these areas, a skim coat was applied over the flooring and then a VCT tile was installed on top of it. Both areas were methodically inspected to ensure the engineering controls remain intact and effective. The inspection revealed that all surfaces encapsulated are intact and maintaining its original integrity. No immediate hazards were identified during this assessment.

Executive Summary

Overall, this round of quarterly testing documented acceptable results within representative areas of the school. The newly encapsulated surfaces have proven to be effective and remain in good condition. The indoor PCB in air and dust levels remains satisfactory within the areas tested during this phase of sampling. All air samples obtained document PCB levels well below the 300 ng/m^3 threshold for elementary school children, and less than 100 ng/m^3 required for children under the age of 6 years old. All wipe samples collected from throughout the school analytically documented no presence of PCB's. Moving forward, the next round of testing will be performed in May 2013 where other classrooms and areas throughout the school will be sampled and assessed. Ongoing monitoring will continue until a more permanent solution can be implemented for the building materials that contain PCB's. Any activities or renovations that will occur within OHS will be carefully coordinated with the PCB Program Coordinator or Designee to ensure PCB's are not disturbed during the activities.

Very truly,

Richard Onofrio

LABORATORY RESULTS

PCB Air Sample Results

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February 26, 2013

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

Project Location: Osborn Hill School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 13B0490

Enclosed are results of analyses for samples received by the laboratory on February 19, 2013. 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: Jason Pringle

REPORT DATE: 2/26/2013

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 13B0490

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
2/18 PCB AIR-01	13B0490-01	Air		TO-10A/EPA 680 Modified	
2/18 PCB AIR-02	13B0490-02	Air		TO-10A/EPA 680 Modified	
2/18 PCB AIR-03	13B0490-03	Air		TO-10A/EPA 680 Modified	
2/18 PCB AIR-04	13B0490-04	Air		TO-10A/EPA 680 Modified	
2/18 PCB AIR-05	13B0490-05	Air		TO-10A/EPA 680 Modified	
2/18 PCB AIR-06	13B0490-06	Air		TO-10A/EPA 680 Modified	
2/18 PCB AIR-07	13B0490-07	Air		TO-10A/EPA 680 Modified	
2/18 PCB AIR-08	13B0490-08	Air		TO-10A/EPA 680 Modified	
2/18 PCB AIR-09	13B0490-09	Air		TO-10A/EPA 680 Modified	
2/18 PCB AIR-10	13B0490-10	Air		TO-10A/EPA 680 Modified	

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CASE NARRATIVE SUMMARY

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

TO-10A/EPA 680 Modified

Qualifications:

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

Analyte & Samples(s) Qualified:

Tetrachloro-m-xylene

13B0490-04[2/18 PCB AIR-04], 13B0490-06[2/18 PCB AIR-06]

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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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 2/19/2013
Field Sample #: 2/18 PCB AIR-01
Sample ID: 13B0490-01
Sample Matrix: Air
Sampled: 2/18/2013 00:00

Sample Description/Location:
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1870

Work Order: 13B0490

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	0.00053	1	2/26/13 13:36	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00053	1	2/26/13 13:36	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00053	1	2/26/13 13:36	CJM
Tetrachlorobiphenyls	ND	0.0020		ND	0.0011	1	2/26/13 13:36	CJM
Pentachlorobiphenyls	0.013	0.0020		0.007	0.0011	1	2/26/13 13:36	CJM
Hexachlorobiphenyls	0.0022	0.0020		0.0012	0.0011	1	2/26/13 13:36	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Total Polychlorinated biphenyls	0.015			0.0082		1	2/26/13 13:36	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	72.8	50-125	2/26/13 13:36

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 2/19/2013
Field Sample #: 2/18 PCB AIR-02
Sample ID: 13B0490-02
Sample Matrix: Air
Sampled: 2/18/2013 00:00

Sample Description/Location:
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1865

Work Order: 13B0490

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	0.00054	1	2/26/13 13:36	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00054	1	2/26/13 13:36	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00054	1	2/26/13 13:36	CJM
Tetrachlorobiphenyls	0.014	0.0020		0.0077	0.0011	1	2/26/13 13:36	CJM
Pentachlorobiphenyls	0.035	0.0020		0.019	0.0011	1	2/26/13 13:36	CJM
Hexachlorobiphenyls	0.0078	0.0020		0.0042	0.0011	1	2/26/13 13:36	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Total Polychlorinated biphenyls	0.057			0.031		1	2/26/13 13:36	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	76.1	50-125	2/26/13 13:36

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 2/19/2013
Field Sample #: 2/18 PCB AIR-03
Sample ID: 13B0490-03
Sample Matrix: Air
Sampled: 2/18/2013 00:00

Sample Description/Location:
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1870

Work Order: 13B0490

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	0.00053	1	2/26/13 13:36	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00053	1	2/26/13 13:36	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00053	1	2/26/13 13:36	CJM
Tetrachlorobiphenyls	0.011	0.0020		0.006	0.0011	1	2/26/13 13:36	CJM
Pentachlorobiphenyls	0.026	0.0020		0.014	0.0011	1	2/26/13 13:36	CJM
Hexachlorobiphenyls	0.0043	0.0020		0.0023	0.0011	1	2/26/13 13:36	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Total Polychlorinated biphenyls	0.042			0.022		1	2/26/13 13:36	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	81.8	50-125	2/26/13 13:36

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 2/19/2013
Field Sample #: 2/18 PCB AIR-04
Sample ID: 13B0490-04
Sample Matrix: Air
Sampled: 2/18/2013 00:00

Sample Description/Location:
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1865

Work Order: 13B0490

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	0.00054	1	2/26/13 13:36	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00054	1	2/26/13 13:36	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00054	1	2/26/13 13:36	CJM
Tetrachlorobiphenyls	0.0028	0.0020		0.0015	0.0011	1	2/26/13 13:36	CJM
Pentachlorobiphenyls	0.0082	0.0020		0.0044	0.0011	1	2/26/13 13:36	CJM
Hexachlorobiphenyls	ND	0.0020		ND	0.0011	1	2/26/13 13:36	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Total Polychlorinated biphenyls	0.011			0.0059		1	2/26/13 13:36	CJM

Surrogates	% Recovery	Flag	% REC Limits	Date/Time Analyzed
Tetrachloro-m-xylene	25.5*	S-20	50-125	2/26/13 13:36

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 2/19/2013
Field Sample #: 2/18 PCB AIR-05
Sample ID: 13B0490-05
Sample Matrix: Air
Sampled: 2/18/2013 00:00

Sample Description/Location:
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1865

Work Order: 13B0490

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	0.00054	1	2/26/13 13:36	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00054	1	2/26/13 13:36	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00054	1	2/26/13 13:36	CJM
Tetrachlorobiphenyls	0.012	0.0020		0.0062	0.0011	1	2/26/13 13:36	CJM
Pentachlorobiphenyls	0.027	0.0020		0.014	0.0011	1	2/26/13 13:36	CJM
Hexachlorobiphenyls	0.0047	0.0020		0.0025	0.0011	1	2/26/13 13:36	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Total Polychlorinated biphenyls	0.043			0.023		1	2/26/13 13:36	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	68.8	50-125	2/26/13 13:36

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 2/19/2013
Field Sample #: 2/18 PCB AIR-06
Sample ID: 13B0490-06
Sample Matrix: Air
Sampled: 2/18/2013 00:00

Sample Description/Location:
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1860

Work Order: 13B0490

TO-10A/EPA 680 Modified

	Total µg			ug/m3			Date/Time	
Analyte	**Results**	**RL**	**Flag**	**Results**	**RL**	**Dilution**	**Analyzed**	**Analyst**
Monochlorobiphenyls	ND	0.0010		ND	0.00054	1	2/26/13 13:36	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00054	1	2/26/13 13:36	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00054	1	2/26/13 13:36	CJM
Tetrachlorobiphenyls	0.0048	0.0020		0.0026	0.0011	1	2/26/13 13:36	CJM
Pentachlorobiphenyls	0.011	0.0020		0.0058	0.0011	1	2/26/13 13:36	CJM
Hexachlorobiphenyls	ND	0.0020		ND	0.0011	1	2/26/13 13:36	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Total Polychlorinated biphenyls	0.015			0.0083		1	2/26/13 13:36	CJM

Surrogates	% Recovery		% REC Limits	
Tetrachloro-m-xylene	35.4*	S-20	50-125	2/26/13 13:36

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 2/19/2013
Field Sample #: 2/18 PCB AIR-07
Sample ID: 13B0490-07
Sample Matrix: Air
Sampled: 2/18/2013 00:00

Sample Description/Location:
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1860

Work Order: 13B0490

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	0.00054	1	2/26/13 13:36	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00054	1	2/26/13 13:36	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00054	1	2/26/13 13:36	CJM
Tetrachlorobiphenyls	0.0066	0.0020		0.0035	0.0011	1	2/26/13 13:36	CJM
Pentachlorobiphenyls	0.014	0.0020		0.0073	0.0011	1	2/26/13 13:36	CJM
Hexachlorobiphenyls	ND	0.0020		ND	0.0011	1	2/26/13 13:36	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Total Polychlorinated biphenyls	0.020			0.011		1	2/26/13 13:36	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	83.0	50-125	2/26/13 13:36

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 2/19/2013
Field Sample #: 2/18 PCB AIR-08
Sample ID: 13B0490-08
Sample Matrix: Air
Sampled: 2/18/2013 00:00

Sample Description/Location:
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1860

Work Order: 13B0490

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	0.00054	1	2/26/13 13:36	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00054	1	2/26/13 13:36	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00054	1	2/26/13 13:36	CJM
Tetrachlorobiphenyls	0.010	0.0020		0.0054	0.0011	1	2/26/13 13:36	CJM
Pentachlorobiphenyls	0.022	0.0020		0.012	0.0011	1	2/26/13 13:36	CJM
Hexachlorobiphenyls	0.0028	0.0020		0.0015	0.0011	1	2/26/13 13:36	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Total Polychlorinated biphenyls	0.035			0.019		1	2/26/13 13:36	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	68.1	50-125	2/26/13 13:36

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 2/19/2013
Field Sample #: 2/18 PCB AIR-09
Sample ID: 13B0490-09
Sample Matrix: Air
Sampled: 2/18/2013 00:00

Sample Description/Location:
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1855

Work Order: 13B0490

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	0.00054	1	2/26/13 13:36	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00054	1	2/26/13 13:36	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00054	1	2/26/13 13:36	CJM
Tetrachlorobiphenyls	0.015	0.0020		0.0079	0.0011	1	2/26/13 13:36	CJM
Pentachlorobiphenyls	0.054	0.0020		0.029	0.0011	1	2/26/13 13:36	CJM
Hexachlorobiphenyls	0.011	0.0020		0.0061	0.0011	1	2/26/13 13:36	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Total Polychlorinated biphenyls	0.080			0.043		1	2/26/13 13:36	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	67.7	50-125	2/26/13 13:36

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 2/19/2013
Field Sample #: 2/18 PCB AIR-10
Sample ID: 13B0490-10
Sample Matrix: Air
Sampled: 2/18/2013 00:00

Sample Description/Location:
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1860

Work Order: 13B0490

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	0.00054	1	2/26/13 13:36	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00054	1	2/26/13 13:36	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00054	1	2/26/13 13:36	CJM
Tetrachlorobiphenyls	ND	0.0020		ND	0.0011	1	2/26/13 13:36	CJM
Pentachlorobiphenyls	ND	0.0020		ND	0.0011	1	2/26/13 13:36	CJM
Hexachlorobiphenyls	ND	0.0020		ND	0.0011	1	2/26/13 13:36	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0016	1	2/26/13 13:36	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0027	1	2/26/13 13:36	CJM
Total Polychlorinated biphenyls	0.0			0		1	2/26/13 13:36	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	71.8	50-125	2/26/13 13:36

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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
13B0490-01 [2/18 PCB AIR-01]	B068064	1.00	1.00	02/22/13
13B0490-02 [2/18 PCB AIR-02]	B068064	1.00	1.00	02/22/13
13B0490-03 [2/18 PCB AIR-03]	B068064	1.00	1.00	02/22/13
13B0490-04 [2/18 PCB AIR-04]	B068064	1.00	1.00	02/22/13
13B0490-05 [2/18 PCB AIR-05]	B068064	1.00	1.00	02/22/13
13B0490-06 [2/18 PCB AIR-06]	B068064	1.00	1.00	02/22/13
13B0490-07 [2/18 PCB AIR-07]	B068064	1.00	1.00	02/22/13
13B0490-08 [2/18 PCB AIR-08]	B068064	1.00	1.00	02/22/13
13B0490-09 [2/18 PCB AIR-09]	B068064	1.00	1.00	02/22/13
13B0490-10 [2/18 PCB AIR-10]	B068064	1.00	1.00	02/22/13

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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 B068064 - SW-846 3540C											
Blank (B068064-BLK1)					Prepared: 02/20/13 Analyzed: 02/26/13						
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	*0.149*				*0.200*		*74.3*	*50-125*			
LCS (B068064-BS1)					Prepared: 02/20/13 Analyzed: 02/26/13						
Monochlorobiphenyls	0.19	0.0010			0.200		93.9	40-140			
Dichlorobiphenyls	0.20	0.0010			0.200		100	40-140			
Trichlorobiphenyls	0.20	0.0010			0.200		99.7	40-140			
Tetrachlorobiphenyls	0.40	0.0020			0.400		101	40-140			
Pentachlorobiphenyls	0.42	0.0020			0.400		106	40-140			
Hexachlorobiphenyls	0.41	0.0020			0.400		103	40-140			
Heptachlorobiphenyls	0.62	0.0030			0.600		103	40-140			
Octachlorobiphenyls	0.60	0.0030			0.600		99.2	40-140			
Nonachlorobiphenyls	0.99	0.0050			1.00		99.2	40-140			
Decachlorobiphenyl	0.88	0.0050			1.00		88.2	40-140			
Surrogate: Tetrachloro-m-xylene	*0.183*				*0.200*		*91.6*	*50-125*			
LCS Dup (B068064-BSD1)					Prepared: 02/20/13 Analyzed: 02/26/13						
Monochlorobiphenyls	0.18	0.0010			0.200		87.9	40-140	6.65	50	
Dichlorobiphenyls	0.19	0.0010			0.200		94.3	40-140	6.18	50	
Trichlorobiphenyls	0.19	0.0010			0.200		94.5	40-140	5.35	50	
Tetrachlorobiphenyls	0.38	0.0020			0.400		95.1	40-140	5.69	50	
Pentachlorobiphenyls	0.40	0.0020			0.400		100	40-140	5.50	50	
Hexachlorobiphenyls	0.39	0.0020			0.400		96.6	40-140	6.21	50	
Heptachlorobiphenyls	0.59	0.0030			0.600		97.7	40-140	5.39	50	
Octachlorobiphenyls	0.56	0.0030			0.600		93.6	40-140	5.82	50	
Nonachlorobiphenyls	0.94	0.0050			1.00		93.6	40-140	5.86	50	
Decachlorobiphenyl	0.86	0.0050			1.00		86.0	40-140	2.50	50	
Surrogate: Tetrachloro-m-xylene	*0.180*				*0.200*		*90.1*	*50-125*			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
S-20	Surrogate recovery is outside of control limits. Sample media does not allow for re-extraction.

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CERTIFICATIONS

Certified Analyses included in this Report

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
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-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2014
RI	Rhode Island Department of Health	LAO00112	12/30/2013
NC	North Carolina Div. of Water Quality	652	12/31/2013
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	02/23/2014
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	460217	12/14/2013
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012

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CHAIN OF CUSTODY RECORD

13B0490

Rev 04.05.12

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Page____of____

Company Name: AMC Env. LLC
Address: PO Box 423
Stratford, CT
Attention: Jason Pringle
Project Location: Ockorn Hill School
Sampled By: RO

Telephone:
Project #
Client PO#

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

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

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Liters Composite	Grab	*Matrix Code	Conc Code
01	2/18 PCB Air-01			1870L			
02	02			1865L			
03	03			1870L			
04	04			1865L			
05	05			1865L			
06	06			1860L			
07	07			1860L			
08	08			1860L			
09	09			1855L			
10	10			1860L			

ANALYSIS REQUESTED

	01	02	03	04	05	06	07	08	09	10
# of Containers	1	1	1	1	1	1	1	1	1	1
** Preservation										
***Container Code	T	T	T	T	T	T	T	T	T	T
680 Modified	X	X	X	X	X	X	X	X	X	X

Dissolved Metals
O Field Filtered
O Lab to Filter

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

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

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

Comments:

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

Relinquished by: (signature)	11:40	Date/Time: 2/18
Received by: (signature)	11:40	Date/Time: 2/19/13
Relinquished by: (signature)	5:00	Date/Time: 2/19 17:00
Received by: (signature)	4.2 17:00	Date/Time: 2/19/13

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

Detection Limit Requirements
Massachusetts:
Connecticut: 30 WW
Other:

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

AIHA LAP, LLC ACCREDITED LABORATORY
ACCREDITED IN ACCORDANCE WITH nelac
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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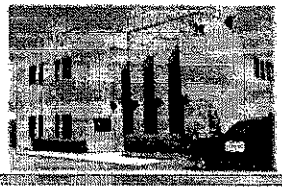

Sample Receipt Checklist

CLIENT NAME: AMEC **RECEIVED BY:** WF **DATE:** 2-19-13

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) ☒ 4
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 4.2
5) **Are there Dissolved samples for the lab to filter?** Yes **No**
Who was notified _____ Date _____ Time _____
6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes **No**
Who was notified _____ Date _____ Time _____
7) **Location where samples are stored:** 19
Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____
8) **Do all samples have the proper Acid pH:** Yes No **N/A** _____
9) **Do all samples have the proper Base pH:** Yes No **N/A** _____
10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
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	10
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 _____

Time and Date Frozen:

LABORATORY RESULTS

PCB Wipe Sample Results

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February 26, 2013

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

Project Location: Osborn Hill School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 13B0491

Enclosed are results of analyses for samples received by the laboratory on February 19, 2013. 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: Jason Pringle

REPORT DATE: 2/26/2013

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 13B0491

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
2/18 WIPE-01	13B0491-01	Wipe		SW-846 8082A	
2/18 WIPE-02	13B0491-02	Wipe		SW-846 8082A	
2/18 WIPE-03	13B0491-03	Wipe		SW-846 8082A	
2/18 WIPE-04	13B0491-04	Wipe		SW-846 8082A	
2/18 WIPE-05	13B0491-05	Wipe		SW-846 8082A	
2/18 WIPE-06	13B0491-06	Wipe		SW-846 8082A	
2/18 WIPE-07	13B0491-07	Wipe		SW-846 8082A	
2/18 WIPE-08	13B0491-08	Wipe		SW-846 8082A	
2/18 WIPE-09	13B0491-09	Wipe		SW-846 8082A	
2/18 WIPE-10	13B0491-10	Wipe		SW-846 8082A	
2/18 WIPE-11	13B0491-11	Wipe		SW-846 8082A	
2/18 WIPE-12	13B0491-12	Wipe		SW-846 8082A	
2/18 WIPE-13	13B0491-13	Wipe		SW-846 8082A	
2/18 WIPE-14	13B0491-14	Wipe		SW-846 8082A	
2/18 WIPE-15	13B0491-15	Wipe		SW-846 8082A	
2/18 WIPE-16	13B0491-16	Wipe		SW-846 8082A	
2/18 WIPE-17	13B0491-17	Wipe		SW-846 8082A	
2/18 WIPE-18	13B0491-18	Wipe		SW-846 8082A	
2/18 WIPE-19	13B0491-19	Wipe		SW-846 8082A	
2/18 WIPE-20	13B0491-20	Wipe		SW-846 8082A	
2/18 WIPE-21	13B0491-21	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.

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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ANALYTICAL LABORATORY
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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-01 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-01

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	2/20/13	2/22/13 12:26	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:26	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:26	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:26	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:26	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:26	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:26	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:26	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:26	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	87.4	30-150		2/22/13 12:26
Decachlorobiphenyl [2]	88.5	30-150		2/22/13 12:26
Tetrachloro-m-xylene [1]	93.1	30-150		2/22/13 12:26
Tetrachloro-m-xylene [2]	86.5	30-150		2/22/13 12:26

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-02 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-02

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	2/20/13	2/22/13 12:38	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:38	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:38	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:38	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:38	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:38	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:38	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:38	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:38	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	81.6	30-150		2/22/13 12:38
Decachlorobiphenyl [2]	82.8	30-150		2/22/13 12:38
Tetrachloro-m-xylene [1]	89.4	30-150		2/22/13 12:38
Tetrachloro-m-xylene [2]	83.3	30-150		2/22/13 12:38

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-03 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-03

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	2/20/13	2/22/13 12:51	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:51	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:51	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:51	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:51	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:51	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:51	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:51	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 12:51	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	84.5	30-150		2/22/13 12:51
Decachlorobiphenyl [2]	86.5	30-150		2/22/13 12:51
Tetrachloro-m-xylene [1]	69.7	30-150		2/22/13 12:51
Tetrachloro-m-xylene [2]	64.7	30-150		2/22/13 12:51

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-04 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-04

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	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:03	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:03	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:03	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:03	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:03	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:03	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:03	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:03	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:03	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	105	30-150		2/22/13 13:03
Decachlorobiphenyl [2]	107	30-150		2/22/13 13:03
Tetrachloro-m-xylene [1]	113	30-150		2/22/13 13:03
Tetrachloro-m-xylene [2]	105	30-150		2/22/13 13:03

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-05 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-05

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	2/20/13	2/22/13 13:15	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:15	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:15	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:15	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:15	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:15	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:15	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:15	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:15	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	82.3	30-150		2/22/13 13:15
Decachlorobiphenyl [2]	84.2	30-150		2/22/13 13:15
Tetrachloro-m-xylene [1]	91.2	30-150		2/22/13 13:15
Tetrachloro-m-xylene [2]	84.9	30-150		2/22/13 13:15

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-06 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-06

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	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:28	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:28	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:28	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:28	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:28	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:28	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:28	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:28	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:28	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	85.3	30-150		2/22/13 13:28
Decachlorobiphenyl [2]	87.4	30-150		2/22/13 13:28
Tetrachloro-m-xylene [1]	93.7	30-150		2/22/13 13:28
Tetrachloro-m-xylene [2]	87.2	30-150		2/22/13 13:28

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-07 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-07

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	2/20/13	2/22/13 13:40	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:40	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:40	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:40	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:40	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:40	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:40	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:40	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:40	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	103	30-150		2/22/13 13:40
Decachlorobiphenyl [2]	106	30-150		2/22/13 13:40
Tetrachloro-m-xylene [1]	109	30-150		2/22/13 13:40
Tetrachloro-m-xylene [2]	101	30-150		2/22/13 13:40

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-08 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-08

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	2/20/13	2/22/13 13:53	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:53	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:53	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:53	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:53	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:53	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:53	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:53	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 13:53	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	87.9	30-150		2/22/13 13:53
Decachlorobiphenyl [2]	90.6	30-150		2/22/13 13:53
Tetrachloro-m-xylene [1]	98.3	30-150		2/22/13 13:53
Tetrachloro-m-xylene [2]	91.9	30-150		2/22/13 13:53

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-09 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-09

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	2/20/13	2/22/13 14:05	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:05	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:05	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:05	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:05	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:05	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:05	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:05	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:05	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	83.7	30-150		2/22/13 14:05
Decachlorobiphenyl [2]	85.7	30-150		2/22/13 14:05
Tetrachloro-m-xylene [1]	91.4	30-150		2/22/13 14:05
Tetrachloro-m-xylene [2]	85.3	30-150		2/22/13 14:05

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-10 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-10

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	2/20/13	2/22/13 14:42	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:42	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:42	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:42	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:42	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:42	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:42	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:42	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:42	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	89.0	30-150		2/22/13 14:42
Decachlorobiphenyl [2]	91.7	30-150		2/22/13 14:42
Tetrachloro-m-xylene [1]	95.4	30-150		2/22/13 14:42
Tetrachloro-m-xylene [2]	89.0	30-150		2/22/13 14:42

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-11 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-11

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	2/20/13	2/22/13 14:54	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:54	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:54	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:54	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:54	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:54	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:54	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:54	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 14:54	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	83.3	30-150		2/22/13 14:54
Decachlorobiphenyl [2]	85.8	30-150		2/22/13 14:54
Tetrachloro-m-xylene [1]	92.7	30-150		2/22/13 14:54
Tetrachloro-m-xylene [2]	86.3	30-150		2/22/13 14:54

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-12 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-12

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	2/20/13	2/22/13 15:07	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:07	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:07	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:07	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:07	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:07	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:07	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:07	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:07	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	84.4	30-150		2/22/13 15:07
Decachlorobiphenyl [2]	86.9	30-150		2/22/13 15:07
Tetrachloro-m-xylene [1]	92.3	30-150		2/22/13 15:07
Tetrachloro-m-xylene [2]	86.0	30-150		2/22/13 15:07

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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: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-13 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-13

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	2/20/13	2/22/13 15:19	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:19	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:19	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:19	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:19	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:19	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:19	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:19	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:19	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	104	30-150		2/22/13 15:19
Decachlorobiphenyl [2]	107	30-150		2/22/13 15:19
Tetrachloro-m-xylene [1]	114	30-150		2/22/13 15:19
Tetrachloro-m-xylene [2]	106	30-150		2/22/13 15:19

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-14 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-14

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	2/20/13	2/22/13 15:31	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:31	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:31	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:31	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:31	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:31	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:31	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:31	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:31	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.4	30-150		2/22/13 15:31
Decachlorobiphenyl [2]	99.1	30-150		2/22/13 15:31
Tetrachloro-m-xylene [1]	109	30-150		2/22/13 15:31
Tetrachloro-m-xylene [2]	101	30-150		2/22/13 15:31

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-15 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-15

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	2/20/13	2/22/13 15:44	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:44	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:44	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:44	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:44	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:44	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:44	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:44	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:44	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	88.7	30-150		2/22/13 15:44
Decachlorobiphenyl [2]	91.6	30-150		2/22/13 15:44
Tetrachloro-m-xylene [1]	97.7	30-150		2/22/13 15:44
Tetrachloro-m-xylene [2]	90.8	30-150		2/22/13 15:44

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-16 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-16

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	2/20/13	2/22/13 15:56	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:56	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:56	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:56	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:56	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:56	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:56	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:56	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 15:56	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	84.9	30-150		2/22/13 15:56
Decachlorobiphenyl [2]	87.8	30-150		2/22/13 15:56
Tetrachloro-m-xylene [1]	92.8	30-150		2/22/13 15:56
Tetrachloro-m-xylene [2]	86.4	30-150		2/22/13 15:56

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-17 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-17

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	2/20/13	2/22/13 16:08	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:08	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:08	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:08	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:08	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:08	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:08	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:08	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:08	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	81.8	30-150		2/22/13 16:08
Decachlorobiphenyl [2]	84.5	30-150		2/22/13 16:08
Tetrachloro-m-xylene [1]	90.6	30-150		2/22/13 16:08
Tetrachloro-m-xylene [2]	84.5	30-150		2/22/13 16:08

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-18 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-18

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	2/20/13	2/22/13 16:21	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:21	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:21	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:21	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:21	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:21	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:21	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:21	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:21	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	77.8	30-150		2/22/13 16:21
Decachlorobiphenyl [2]	80.4	30-150		2/22/13 16:21
Tetrachloro-m-xylene [1]	85.2	30-150		2/22/13 16:21
Tetrachloro-m-xylene [2]	79.4	30-150		2/22/13 16:21

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-19 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-19

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	2/20/13	2/22/13 16:33	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:33	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:33	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:33	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:33	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:33	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:33	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:33	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:33	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.1	30-150		2/22/13 16:33
Decachlorobiphenyl [2]	102	30-150		2/22/13 16:33
Tetrachloro-m-xylene [1]	112	30-150		2/22/13 16:33
Tetrachloro-m-xylene [2]	104	30-150		2/22/13 16:33

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-20 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-20

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	2/20/13	2/22/13 16:45	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:45	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:45	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:45	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:45	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:45	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:45	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:45	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/20/13	2/22/13 16:45	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	101	30-150		2/22/13 16:45
Decachlorobiphenyl [2]	104	30-150		2/22/13 16:45
Tetrachloro-m-xylene [1]	113	30-150		2/22/13 16:45
Tetrachloro-m-xylene [2]	105	30-150		2/22/13 16:45

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Project Location: Osborn Hill School | Sample Description: | Work Order: 13B0491

Date Received: 2/19/2013

Field Sample #: 2/18 WIPE-21 | Sampled: 2/18/2013 00:00

Sample ID: 13B0491-21

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	2/21/13	2/25/13 13:04	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/21/13	2/25/13 13:04	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/21/13	2/25/13 13:04	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/21/13	2/25/13 13:04	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/21/13	2/25/13 13:04	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/21/13	2/25/13 13:04	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/21/13	2/25/13 13:04	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/21/13	2/25/13 13:04	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	2/21/13	2/25/13 13:04	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	83.6	30-150		2/25/13 13:04
Decachlorobiphenyl [2]	90.8	30-150		2/25/13 13:04
Tetrachloro-m-xylene [1]	89.8	30-150		2/25/13 13:04
Tetrachloro-m-xylene [2]	96.7	30-150		2/25/13 13:04

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

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
13B0491-01 [2/18 WIPE-01]	B068066	1.00	10.0	02/20/13
13B0491-02 [2/18 WIPE-02]	B068066	1.00	10.0	02/20/13
13B0491-03 [2/18 WIPE-03]	B068066	1.00	10.0	02/20/13
13B0491-04 [2/18 WIPE-04]	B068066	1.00	10.0	02/20/13
13B0491-05 [2/18 WIPE-05]	B068066	1.00	10.0	02/20/13
13B0491-06 [2/18 WIPE-06]	B068066	1.00	10.0	02/20/13
13B0491-07 [2/18 WIPE-07]	B068066	1.00	10.0	02/20/13
13B0491-08 [2/18 WIPE-08]	B068066	1.00	10.0	02/20/13
13B0491-09 [2/18 WIPE-09]	B068066	1.00	10.0	02/20/13
13B0491-10 [2/18 WIPE-10]	B068066	1.00	10.0	02/20/13
13B0491-11 [2/18 WIPE-11]	B068066	1.00	10.0	02/20/13
13B0491-12 [2/18 WIPE-12]	B068066	1.00	10.0	02/20/13
13B0491-13 [2/18 WIPE-13]	B068066	1.00	10.0	02/20/13
13B0491-14 [2/18 WIPE-14]	B068066	1.00	10.0	02/20/13
13B0491-15 [2/18 WIPE-15]	B068066	1.00	10.0	02/20/13
13B0491-16 [2/18 WIPE-16]	B068066	1.00	10.0	02/20/13
13B0491-17 [2/18 WIPE-17]	B068066	1.00	10.0	02/20/13
13B0491-18 [2/18 WIPE-18]	B068066	1.00	10.0	02/20/13
13B0491-19 [2/18 WIPE-19]	B068066	1.00	10.0	02/20/13
13B0491-20 [2/18 WIPE-20]	B068066	1.00	10.0	02/20/13

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

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
13B0491-21 [2/18 WIPE-21]	B068107	1.00	10.0	02/21/13

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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 B068066 - SW-846 3540C										
Blank (B068066-BLK1)				Prepared: 02/20/13 Analyzed: 02/22/13						
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	*1.68*		µg/Wipe	2.00		83.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.71*		µg/Wipe	2.00		85.4	30-150			
Surrogate: Tetrachloro-m-xylene	*1.88*		µg/Wipe	2.00		94.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.74*		µg/Wipe	2.00		87.0	30-150			
LCS (B068066-BS1)				Prepared: 02/20/13 Analyzed: 02/22/13						
Aroclor-1016	0.48	0.20	µg/Wipe	0.500		96.0	40-140			
Aroclor-1016 [2C]	0.46	0.20	µg/Wipe	0.500		92.7	40-140			
Aroclor-1260	0.45	0.20	µg/Wipe	0.500		90.9	40-140			
Aroclor-1260 [2C]	0.47	0.20	µg/Wipe	0.500		94.7	40-140			
Surrogate: Decachlorobiphenyl	*1.68*		µg/Wipe	2.00		83.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.71*		µg/Wipe	2.00		85.3	30-150			
Surrogate: Tetrachloro-m-xylene	*1.79*		µg/Wipe	2.00		89.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.65*		µg/Wipe	2.00		82.5	30-150			
LCS Dup (B068066-BSD1)				Prepared: 02/20/13 Analyzed: 02/22/13						
Aroclor-1016	0.53	0.20	µg/Wipe	0.500		106	40-140	9.83	30	
Aroclor-1016 [2C]	0.50	0.20	µg/Wipe	0.500		99.4	40-140	7.04	30	
Aroclor-1260	0.48	0.20	µg/Wipe	0.500		95.6	40-140	4.99	30	
Aroclor-1260 [2C]	0.50	0.20	µg/Wipe	0.500		100	40-140	5.53	30	
Surrogate: Decachlorobiphenyl	*1.70*		µg/Wipe	2.00		85.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.74*		µg/Wipe	2.00		86.8	30-150			
Surrogate: Tetrachloro-m-xylene	*1.92*		µg/Wipe	2.00		96.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.77*		µg/Wipe	2.00		88.7	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 B068107 - SW-846 3540C										
Blank (B068107-BLK1)				Prepared: 02/21/13 Analyzed: 02/22/13						
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	*1.65*		µg/Wipe	2.00		82.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.77*		µg/Wipe	2.00		88.7	30-150			
Surrogate: Tetrachloro-m-xylene	*1.86*		µg/Wipe	2.00		93.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.99*		µg/Wipe	2.00		99.7	30-150			
LCS (B068107-BS1)				Prepared: 02/21/13 Analyzed: 02/22/13						
Aroclor-1016	0.55	0.20	µg/Wipe	0.500		110	40-140			
Aroclor-1016 [2C]	0.54	0.20	µg/Wipe	0.500		108	40-140			
Aroclor-1260	0.47	0.20	µg/Wipe	0.500		93.2	40-140			
Aroclor-1260 [2C]	0.50	0.20	µg/Wipe	0.500		99.1	40-140			
Surrogate: Decachlorobiphenyl	*1.83*		µg/Wipe	2.00		91.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.97*		µg/Wipe	2.00		98.3	30-150			
Surrogate: Tetrachloro-m-xylene	*1.93*		µg/Wipe	2.00		96.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*2.07*		µg/Wipe	2.00		103	30-150			
LCS Dup (B068107-BSD1)				Prepared: 02/21/13 Analyzed: 02/22/13						
Aroclor-1016	0.55	0.20	µg/Wipe	0.500		111	40-140	0.559	30	
Aroclor-1016 [2C]	0.54	0.20	µg/Wipe	0.500		107	40-140	0.833	30	
Aroclor-1260	0.46	0.20	µg/Wipe	0.500		91.2	40-140	2.15	30	
Aroclor-1260 [2C]	0.49	0.20	µg/Wipe	0.500		98.4	40-140	0.761	30	
Surrogate: Decachlorobiphenyl	*1.70*		µg/Wipe	2.00		84.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.82*		µg/Wipe	2.00		91.1	30-150			
Surrogate: Tetrachloro-m-xylene	*1.82*		µg/Wipe	2.00		90.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.95*		µg/Wipe	2.00		97.4	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-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2014
RI	Rhode Island Department of Health	LAO00112	12/30/2013
NC	North Carolina Div. of Water Quality	652	12/31/2013
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	02/23/2014
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	460217	12/14/2013
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012

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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

13B0491

Rev 04.05.12

Page_____of_____

Company Name: AMC Env. LLC
Address: PO Box 923
Stratford, CT
Attention: Jason Pringle
Project Location: OSBORN Hill school
Sampled By: RO

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 Code

ANALYSIS REQUESTED

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Soxhlet
01	2/18 Wipe-01	2/18	2/18					X
02	02							X
03	03							X
04	04							X
05	05							X
06	06							X
07	07							X
08	08							X
09	09							X
10	10							X

Comments: Sample surface is 100cm²

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

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Signature	Date/Time
Relinquished by: (signature) [signature] 1140	2/18/13
Received by: (signature) [signature] 1149	2/19/13
Relinquished by: (signature) [signature] 509	2/19/13
Received by: (signature) [signature] 1700	2/19/13

Turnaround ††
☒ 5-7-Day
~~☐ 10-Day~~
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

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

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

AIHA LAP, LLC ACCREDITED LABORATORY
nelac ACCREDITED IN ACCORDANCE WITH
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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CHAIN OF CUSTODY RECORD

13B0491

Rev 04.05.12

39 Spruce Street
East longmeadow, MA 01028

Page____of____

Company Name: AMC Env. LLC
Telephone:
Address: PO Box 423
Stratford, CT
Project #
Client PO#
Attention:
DATA DELIVERY (check all that apply) O FAX ✓EMAIL O WEBSITE
Project Location: OSBORN Hill School
Fax #
Sampled By: [signature]
Email:
Format: ✓PDF O EXCEL O GIS
O OTHER
Project Proposal Provided? (for billing purposes) O yes ______ proposal date
O "Enhanced Data Package"

ANALYSIS REQUESTED: Sotblet

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	Sotblet										
11	2/18 wipe-11	2/18	2/18					X										
12	12							X										
13	13							X										
14	14							X										
15	15							X										
16	16							X										
17	17							X										
18	18							X										
19	19							X										
20	20							X										

# of Containers
** Preservation
***Container Code

Dissolved Metals
O Field Filtered
O Lab to Filter

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

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

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

Comments:
Sample = 100cm²

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

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

Relinquished by: (signature) [signature] 1140	Date/Time: 2/19/13	~~Turnaround~~ †† ☑ ≤ 7-Day	Detection Limit Requirements
Received by: (signature) [signature] 1140	Date/Time: 2/19/13	~~10-Day~~ ☐ Other ____	Massachusetts:
Relinquished by: (signature) [signature] 500	Date/Time: 2/19/13	RUSH † ☐ †24-Hr ☐ †48-Hr	Connecticut: ≤ 1 ppm
Received by: (signature) [signature] 4.2 1700	Date/Time: 2/19/13	☐ †72-Hr ☐ †4-Day † Require lab approval	Other:

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

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†† 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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CHAIN OF CUSTODY RECORD

13B0491

Rev 04.05.12

Page____of____

Company Name: AMC Env. LLC
Address:
Attention: Jason Pringle
Project Location: OSBORN Hill School
Sampled By: Rick Onofrio

Telephone:
Project #
Client PO#

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

Project Proposal Provided? (for billing purposes)
O yes ________ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Analysis Requested: PCB wipe										
21	2118 PCB wipe 21																	

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

Dissolved Metals
O Field Filtered
O Lab to Filter

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

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

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

Comments:
Sample 100cm²

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

Signature	Date/Time
Relinquished by: (signature) [signature] 1140	2/19/13
Received by: (signature) [signature] 1140	2/19/13
Relinquished by: (signature) [signature] 500	2/19/13
Received by: (signature) [signature] 4°C 1200	2/20/13

Turnaround ††
☑ 5 7-Day
☒ ~~10-Day~~
☐ Other ____
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† **Require lab approval**

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

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

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Sample Receipt Checklist

CLIENT NAME: AMC RECEIVED BY: WK DATE: 2-19-13

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 4.2

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

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

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

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

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

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

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

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	21
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: