Fairfield Public Schools
Fairfield, CT 06825

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

FROM: Salvatore Morabito

DATE: December 11, 2012

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 November 24, 2012. 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

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

December 10, 2012

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 – November 2012 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 November 24, 2012 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.

SAMPLING

PCB Air Sampling

PCB in air testing was conducted in twelve (12) separate areas of the school in accordance with the PCB Operations and Maintenance Plan. The areas tested during this round of sampling were: Rooms 101, 114, 119, 120, 121, 125, All Purpose Room (APR), Faculty Room, Music Room and the Hallways outside Room 112, 117 and the Main Office.

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-four (24) surfaces within the same areas mentioned in the PCB air sampling section. The surfaces tested were floors, walls, bookshelves, desks, books, tables and computers.

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 twelve (12) PCB air samples were obtained from select areas throughout Osborn Hill Elementary School. All twelve (12) samples documented well below the 300 ng/m^3, the EPA recommended limits for the main portion of the school (100 ng/m^3 is the recommended limit for kindergarten areas of the school). Therefore, the PCB air samples documented **acceptable** level for PCBs in schools (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
1124/Air-01	Room 119	56
1124/Air-02	Room 120	42
1124/Air-03	Room 121	39
1124/Air-04	Hall o/s Room 117	48
1124/Air-05	Room 125	45
1124/Air-06	Room 114	13
1124/Air-07	Hall o/s Room 112	45
1124/Air-08	APR	67
1124/Air-09	Faculty room	54
1124/Air-10	Music Room	12
1124/Air-11	Room 101	38
1124/Air-12	Hall o/s Main Office	63

PCB Wipe Samples

A total of twenty-four (24) PCB wipe samples were obtained from select surfaces and areas throughout Osborn Hill Elementary School. All twenty-four (24) 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/100cm2
1124/wipe-01	Room 119	Floor	ND
1124/wipe-02	Room 119	CMU Wall	ND
1124/wipe-03	Room 120	Desk	ND
1124/wipe-04	Room 120	Bookshelf	ND
1124/wipe-05	Room 121	Book face	ND
1124/wipe-06	Corridor o/s Room 117	Floor	ND
1124/wipe-07	Corridor o/s Room 117	CMU wall	ND
1124/wipe-08	Room 125	Desk	ND
1124/wipe-09	Room 125	Floor	ND
1124/wipe-10	Room 114	Bookshelf	ND
1124/wipe-11	Room 114	Wall	ND
1124/wipe-12	Corridor o/s Room 112	Floor	ND
1124/wipe-13	Corridor o/s Room 112	CMU wall	ND
1124/wipe-14	APR	CMU wall	0.25
1124/wipe-15	APR	Floor	ND
1124/wipe-16	Front Corridor	Floor	ND
1124/wipe-17	Front Corridor	CMU wall	ND
1124/wipe-18	Music Room	Book	ND
1124/wipe-19	Music Room	Desk	ND
1124/wipe-20	Room 101	Floor	ND
1124/wipe-21	Room 101	CMU wall	ND
1124/wipe-22	Faculty Room	Table	ND
1124/wipe-23	Faculty Room	CMU wall	ND
1124/wipe-24	Computer	CPU	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, the first 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 testing. All air samples obtained document PCB levels well below the 300 ng/m^3 threshold for elementary school children. All but one wipe sample collected from throughout the school analytically documented no presence of PCB's. The wall sample from the APR room documented detectable amounts of PCB; however the levels were below the 1 $\mu g/100\ cm^2$ standard used for high occupancy areas. Moving forward, the next round of testing will be performed in February 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. 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

Richard Onofrio

LABORATORY RESULTS

PCB Air Sample Results

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December 3, 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: 12K0817

Enclosed are results of analyses for samples received by the laboratory on November 26, 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: 12/3/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12K0817

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
11.24/Air-01	12K0817-01	Air	Room 119	TO-10A/EPA 680 Modified	
11.24/Air-02	12K0817-02	Air	Room 120	TO-10A/EPA 680 Modified	
11.24/Air-03	12K0817-03	Air	Room 121	TO-10A/EPA 680 Modified	
11.24/Air-04	12K0817-04	Air	Hall o/s 117	TO-10A/EPA 680 Modified	
11.24/Air-05	12K0817-05	Air	Room 125	TO-10A/EPA 680 Modified	
11.24/Air-06	12K0817-06	Air	Room 114	TO-10A/EPA 680 Modified	
11.24/Air-07	12K0817-07	Air	Hall o/s Room 112	TO-10A/EPA 680 Modified	
11.24/Air-08	12K0817-08	Air	APR	TO-10A/EPA 680 Modified	
11.24/Air-09	12K0817-09	Air	Faculty Rm	TO-10A/EPA 680 Modified	
11.24/Air-10	12K0817-10	Air	Music Room	TO-10A/EPA 680 Modified	
11.24/Air-11	12K0817-11	Air	Room 101	TO-10A/EPA 680 Modified	
11.24/Air-12	12K0817-12	Air	Hall o/s Main Office	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 for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

Monochlorobiphenyls

B063489-BS1, B063489-BSD1

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

12K0817-01[11.24/Air-01], 12K0817-02[11.24/Air-02], 12K0817-03[11.24/Air-03], 12K0817-04[11.24/Air-04], 12K0817-05[11.24/Air-05], 12K0817-06[11.24/Air-06], 12K0817-07[11.24/Air-07], 12K0817-08[11.24/Air-08], 12K0817-09[11.24/Air-09], 12K0817-10[11.24/Air-10], 12K0817-11[11.24/Air-11], 12K0817-12[11.24/Air-12], B063489-BLK1

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

Daren J. Damboragian
Laboratory Manager

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 11/26/2012
Field Sample #: 11.24/Air-01
Sample ID: 12K0817-01
Sample Matrix: Air
Sampled: 11/24/2012 15:36

Sample Description/Location: Room 119
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1480 L

Work Order: 12K0817

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	0.00068	1	11/28/12 21:45	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00068	1	11/28/12 21:45	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00068	1	11/28/12 21:45	CJM
Tetrachlorobiphenyls	0.025	0.0020		0.017	0.0014	1	11/28/12 21:45	CJM
Pentachlorobiphenyls	0.047	0.0020		0.032	0.0014	1	11/28/12 21:45	CJM
Hexachlorobiphenyls	0.011	0.0020		0.0075	0.0014	1	11/28/12 21:45	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.002	1	11/28/12 21:45	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.002	1	11/28/12 21:45	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0034	1	11/28/12 21:45	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0034	1	11/28/12 21:45	CJM
Total Polychlorinated biphenyls	0.083			0.056		1	11/28/12 21:45	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	94.3	50-125	11/28/12 21:45

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 11/26/2012
Field Sample #: 11.24/Air-02
Sample ID: 12K0817-02
Sample Matrix: Air
Sampled: 11/24/2012 15:30

Sample Description/Location: Room 120
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1750 L

Work Order: 12K0817

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	0.00057	1	11/28/12 22:19	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/28/12 22:19	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/28/12 22:19	CJM
Tetrachlorobiphenyls	0.021	0.0020		0.012	0.0011	1	11/28/12 22:19	CJM
Pentachlorobiphenyls	0.042	0.0020		0.024	0.0011	1	11/28/12 22:19	CJM
Hexachlorobiphenyls	0.0092	0.0020		0.0052	0.0011	1	11/28/12 22:19	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/28/12 22:19	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/28/12 22:19	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0029	1	11/28/12 22:19	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0029	1	11/28/12 22:19	CJM
Total Polychlorinated biphenyls	0.073			0.042		1	11/28/12 22:19	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	102	50-125	11/28/12 22:19

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 11/26/2012
Field Sample #: 11.24/Air-03
Sample ID: 12K0817-03
Sample Matrix: Air
Sampled: 11/24/2012 15:30

Sample Description/Location: Room 121
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1750 L

Work Order: 12K0817

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	0.00057	1	11/28/12 22:53	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/28/12 22:53	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/28/12 22:53	CJM
Tetrachlorobiphenyls	0.021	0.0020		0.012	0.0011	1	11/28/12 22:53	CJM
Pentachlorobiphenyls	0.039	0.0020		0.022	0.0011	1	11/28/12 22:53	CJM
Hexachlorobiphenyls	0.0090	0.0020		0.0051	0.0011	1	11/28/12 22:53	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/28/12 22:53	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/28/12 22:53	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0029	1	11/28/12 22:53	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0029	1	11/28/12 22:53	CJM
Total Polychlorinated biphenyls	0.068			0.039		1	11/28/12 22:53	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	96.2	50-125	11/28/12 22:53

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 11/26/2012
Field Sample #: 11.24/Air-04
Sample ID: 12K0817-04
Sample Matrix: Air
Sampled: 11/24/2012 15:30

Sample Description/Location: Hall o/s 117
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1748 L

Work Order: 12K0817

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	0.00057	1	11/28/12 23:26	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/28/12 23:26	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/28/12 23:26	CJM
Tetrachlorobiphenyls	0.023	0.0020		0.013	0.0011	1	11/28/12 23:26	CJM
Pentachlorobiphenyls	0.050	0.0020		0.029	0.0011	1	11/28/12 23:26	CJM
Hexachlorobiphenyls	0.012	0.0020		0.0067	0.0011	1	11/28/12 23:26	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/28/12 23:26	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/28/12 23:26	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0029	1	11/28/12 23:26	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0029	1	11/28/12 23:26	CJM
Total Polychlorinated biphenyls	0.084			0.048		1	11/28/12 23:26	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	102	50-125	11/28/12 23:26

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 11/26/2012
Field Sample #: 11.24/Air-05
Sample ID: 12K0817-05
Sample Matrix: Air
Sampled: 11/24/2012 15:30

Sample Description/Location: Room 125
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1748 L

Work Order: 12K0817

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	0.00057	1	11/29/12 1:41	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/29/12 1:41	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/29/12 1:41	CJM
Tetrachlorobiphenyls	0.021	0.0020		0.012	0.0011	1	11/29/12 1:41	CJM
Pentachlorobiphenyls	0.048	0.0020		0.028	0.0011	1	11/29/12 1:41	CJM
Hexachlorobiphenyls	0.010	0.0020		0.0058	0.0011	1	11/29/12 1:41	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/29/12 1:41	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/29/12 1:41	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0029	1	11/29/12 1:41	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0029	1	11/29/12 1:41	CJM
Total Polychlorinated biphenyls	0.079			0.045		1	11/29/12 1:41	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	113	50-125	11/29/12 1:41

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 11/26/2012
Field Sample #: 11.24/Air-06
Sample ID: 12K0817-06
Sample Matrix: Air
Sampled: 11/24/2012 15:32

Sample Description/Location: Room 114
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1750 L

Work Order: 12K0817

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	0.00057	1	11/29/12 2:14	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/29/12 2:14	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/29/12 2:14	CJM
Tetrachlorobiphenyls	0.0068	0.0020		0.0039	0.0011	1	11/29/12 2:14	CJM
Pentachlorobiphenyls	0.012	0.0020		0.007	0.0011	1	11/29/12 2:14	CJM
Hexachlorobiphenyls	0.0031	0.0020		0.0018	0.0011	1	11/29/12 2:14	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/29/12 2:14	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/29/12 2:14	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0029	1	11/29/12 2:14	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0029	1	11/29/12 2:14	CJM
Total Polychlorinated biphenyls	0.022			0.013		1	11/29/12 2:14	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	89.1	50-125	11/29/12 2:14

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 11/26/2012
Field Sample #: 11.24/Air-07
Sample ID: 12K0817-07
Sample Matrix: Air
Sampled: 11/24/2012 15:33

Sample Description/Location: Hall o/s Room 112
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1750 L

Work Order: 12K0817

TO-10A/EPA 680 Modified

	Total µg			ug/m3			Date/Time	
Analyte	**Results**	**RL**	**Flag**	**Results**	**RL**	**Dilution**	**Analyzed**	**Analyst**
Monochlorobiphenyls	ND	0.0010	V-20	ND	0.00057	1	11/29/12 2:48	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/29/12 2:48	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/29/12 2:48	CJM
Tetrachlorobiphenyls	0.021	0.0020		0.012	0.0011	1	11/29/12 2:48	CJM
Pentachlorobiphenyls	0.048	0.0020		0.027	0.0011	1	11/29/12 2:48	CJM
Hexachlorobiphenyls	0.0099	0.0020		0.0057	0.0011	1	11/29/12 2:48	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/29/12 2:48	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/29/12 2:48	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0029	1	11/29/12 2:48	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0029	1	11/29/12 2:48	CJM
Total Polychlorinated biphenyls	0.079			0.045		1	11/29/12 2:48	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	112	50-125	11/29/12 2:48

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 11/26/2012
Field Sample #: 11.24/Air-08
Sample ID: 12K0817-08
Sample Matrix: Air
Sampled: 11/24/2012 15:34

Sample Description/Location: APR
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1750 L

Work Order: 12K0817

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	0.00057	1	11/29/12 3:22	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/29/12 3:22	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/29/12 3:22	CJM
Tetrachlorobiphenyls	0.031	0.0020		0.018	0.0011	1	11/29/12 3:22	CJM
Pentachlorobiphenyls	0.072	0.0020		0.041	0.0011	1	11/29/12 3:22	CJM
Hexachlorobiphenyls	0.014	0.0020		0.0082	0.0011	1	11/29/12 3:22	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/29/12 3:22	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/29/12 3:22	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0029	1	11/29/12 3:22	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0029	1	11/29/12 3:22	CJM
Total Polychlorinated biphenyls	0.12			0.067		1	11/29/12 3:22	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	99.9	50-125	11/29/12 3:22

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 11/26/2012
Field Sample #: 11.24/Air-09
Sample ID: 12K0817-09
Sample Matrix: Air
Sampled: 11/24/2012 15:50

Sample Description/Location: Faculty Rm
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1750 L

Work Order: 12K0817

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	0.00057	1	11/29/12 3:55	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/29/12 3:55	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/29/12 3:55	CJM
Tetrachlorobiphenyls	0.027	0.0020		0.015	0.0011	1	11/29/12 3:55	CJM
Pentachlorobiphenyls	0.056	0.0020		0.032	0.0011	1	11/29/12 3:55	CJM
Hexachlorobiphenyls	0.011	0.0020		0.0064	0.0011	1	11/29/12 3:55	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/29/12 3:55	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/29/12 3:55	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0029	1	11/29/12 3:55	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0029	1	11/29/12 3:55	CJM
Total Polychlorinated biphenyls	0.094			0.054		1	11/29/12 3:55	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	107	50-125	11/29/12 3:55

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 11/26/2012
Field Sample #: 11.24/Air-10
Sample ID: 12K0817-10
Sample Matrix: Air
Sampled: 11/24/2012 15:50

Sample Description/Location: Music Room
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1750 L

Work Order: 12K0817

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	0.00057	1	11/29/12 4:29	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/29/12 4:29	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/29/12 4:29	CJM
Tetrachlorobiphenyls	0.0056	0.0020		0.0032	0.0011	1	11/29/12 4:29	CJM
Pentachlorobiphenyls	0.016	0.0020		0.0091	0.0011	1	11/29/12 4:29	CJM
Hexachlorobiphenyls	ND	0.0020		ND	0.0011	1	11/29/12 4:29	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/29/12 4:29	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/29/12 4:29	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0029	1	11/29/12 4:29	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0029	1	11/29/12 4:29	CJM
Total Polychlorinated biphenyls	0.022			0.012		1	11/29/12 4:29	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	108	50-125	11/29/12 4:29

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 11/26/2012
Field Sample #: 11.24/Air-11
Sample ID: 12K0817-11
Sample Matrix: Air
Sampled: 11/24/2012 15:35

Sample Description/Location: Room 101
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1745 L

Work Order: 12K0817

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	0.00057	1	11/29/12 5:03	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/29/12 5:03	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00057	1	11/29/12 5:03	CJM
Tetrachlorobiphenyls	0.021	0.0020		0.012	0.0011	1	11/29/12 5:03	CJM
Pentachlorobiphenyls	0.040	0.0020		0.023	0.0011	1	11/29/12 5:03	CJM
Hexachlorobiphenyls	0.0051	0.0020		0.0029	0.0011	1	11/29/12 5:03	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/29/12 5:03	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	11/29/12 5:03	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0029	1	11/29/12 5:03	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0029	1	11/29/12 5:03	CJM
Total Polychlorinated biphenyls	0.067			0.038		1	11/29/12 5:03	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	103	50-125	11/29/12 5:03

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ANALYTICAL RESULTS

Project Location: Osborn Hill School
Date Received: 11/26/2012
Field Sample #: 11.24/Air-12
Sample ID: 12K0817-12
Sample Matrix: Air
Sampled: 11/24/2012 15:35

Sample Description/Location: Hall o/s Main Office
Sub Description/Location:

Flow Controller ID:
Sample Type:
Air Volume L: 1465 L

Work Order: 12K0817

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	0.00068	1	11/29/12 5:36	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00068	1	11/29/12 5:36	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00068	1	11/29/12 5:36	CJM
Tetrachlorobiphenyls	0.025	0.0020		0.017	0.0014	1	11/29/12 5:36	CJM
Pentachlorobiphenyls	0.056	0.0020		0.038	0.0014	1	11/29/12 5:36	CJM
Hexachlorobiphenyls	0.012	0.0020		0.008	0.0014	1	11/29/12 5:36	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.002	1	11/29/12 5:36	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.002	1	11/29/12 5:36	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0034	1	11/29/12 5:36	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0034	1	11/29/12 5:36	CJM
Total Polychlorinated biphenyls	0.092			0.063		1	11/29/12 5:36	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	91.1	50-125	11/29/12 5:36

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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
12K0817-01 [11.24/Air-01]	B063489	1.00	1.00	11/27/12
12K0817-02 [11.24/Air-02]	B063489	1.00	1.00	11/27/12
12K0817-03 [11.24/Air-03]	B063489	1.00	1.00	11/27/12
12K0817-04 [11.24/Air-04]	B063489	1.00	1.00	11/27/12
12K0817-05 [11.24/Air-05]	B063489	1.00	1.00	11/27/12
12K0817-06 [11.24/Air-06]	B063489	1.00	1.00	11/27/12
12K0817-07 [11.24/Air-07]	B063489	1.00	1.00	11/27/12
12K0817-08 [11.24/Air-08]	B063489	1.00	1.00	11/27/12
12K0817-09 [11.24/Air-09]	B063489	1.00	1.00	11/27/12
12K0817-10 [11.24/Air-10]	B063489	1.00	1.00	11/27/12
12K0817-11 [11.24/Air-11]	B063489	1.00	1.00	11/27/12
12K0817-12 [11.24/Air-12]	B063489	1.00	1.00	11/27/12

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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 B063489 - SW-846 3540C											
Blank (B063489-BLK1)					Prepared: 11/27/12 Analyzed: 11/28/12						
Monochlorobiphenyls	ND	0.0010									V-20
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	*0.212*				*0.200*		*106*	*50-125*			
LCS (B063489-BS1)					Prepared: 11/27/12 Analyzed: 11/28/12						
Monochlorobiphenyls	0.22	0.0010			0.200		110	40-140			V-06
Dichlorobiphenyls	0.20	0.0010			0.200		97.9	40-140			
Trichlorobiphenyls	0.18	0.0010			0.200		91.5	40-140			
Tetrachlorobiphenyls	0.38	0.0020			0.400		93.9	40-140			
Pentachlorobiphenyls	0.37	0.0020			0.400		91.4	40-140			
Hexachlorobiphenyls	0.35	0.0020			0.400		88.5	40-140			
Heptachlorobiphenyls	0.55	0.0030			0.600		91.4	40-140			
Octachlorobiphenyls	0.55	0.0030			0.600		91.2	40-140			
Nonachlorobiphenyls	1.0	0.0050			1.00		100	40-140			
Decachlorobiphenyl	1.0	0.0050			1.00		102	40-140			
Surrogate: Tetrachloro-m-xylene	*0.235*				*0.200*		*118*	*50-125*			
LCS Dup (B063489-BSD1)					Prepared: 11/27/12 Analyzed: 11/28/12						
Monochlorobiphenyls	0.20	0.0010			0.200		98.5	40-140	11.1	50	V-06
Dichlorobiphenyls	0.17	0.0010			0.200		83.1	40-140	16.4	50	
Trichlorobiphenyls	0.15	0.0010			0.200		76.6	40-140	17.8	50	
Tetrachlorobiphenyls	0.31	0.0020			0.400		78.7	40-140	17.6	50	
Pentachlorobiphenyls	0.32	0.0020			0.400		81.2	40-140	11.9	50	
Hexachlorobiphenyls	0.31	0.0020			0.400		77.9	40-140	12.7	50	
Heptachlorobiphenyls	0.48	0.0030			0.600		80.6	40-140	12.5	50	
Octachlorobiphenyls	0.47	0.0030			0.600		79.0	40-140	14.3	50	
Nonachlorobiphenyls	0.85	0.0050			1.00		84.7	40-140	16.7	50	
Decachlorobiphenyl	0.86	0.0050			1.00		85.8	40-140	17.3	50	
Surrogate: Tetrachloro-m-xylene	*0.217*				*0.200*		*109*	*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-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

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

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
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	02/5/2013
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	460217	12/14/2012
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012

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

AIR SAMPLE CHAIN OF CUSTODY RECORD

39 SPRUCE ST
EAST LONGMEADOW, MA 01028

12K0817

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

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 M³/Min. or L / Min.	Volume Liters or M³	Matrix Code*	ANALYSIS REQUESTED TO-15 684 089	" Hg Initial pressure	" Hg Final pressure	" Hg Lab Receipt pressure	Summa Canister ID	Flow Controller ID
11.26/Air-01	Room 119			9:40	3:36	296	5L/m	1480 L		X				083012-	15
02	120			9:40	3:30	350		1750 L		X				08302-	16
03	121			9:40	3:30	350		1750 L		X				062112-	14
04	Hall o/s 117			9:42	3:30	348		1748 L		X				062112-	25
05	125			9:42	3:30	348		1748 L		X				08[illegible]012	43
06	114			9:42	3:32	350		1750 L		X				082012	36
07	Hall o/s rm 112			9:43	3:33	350		1750 L		X				082012	38
08	APR			9:44	3:34	350		1750 L		X				082012	39

Please fill out completely, sign, da and retain the yello 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.

Page 20 of 22 CRWPDF87

Laboratory Comments:

CLIENT COMMENTS:

Relinquished by: (signature)	11-26-12	Date/Time: 12:15
Received by: (signature) Paul Racicot	11-26-12	Date/Time: 12:15
Relinquished by: (signature) Paul Racicot	11-26-12	Date/Time: 17:20
Received by: (signature) 3.4	11-26-12	Date/Time: 17:20

Turnaround **
☐ 5-7-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: total PCB

*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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Email: info@contestlabs.com
www.contestlabs.com
39 SPRUCE ST
EAST LONGMEADOW, MA 01028

AIR SAMPLE CHAIN OF CUSTODY RECORD

12K0817

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

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 EPA680	" Hg Initial pressure	" Hg Final pressure	" Hg Lab Receipt pressure	Summa Canister ID	Flow Controller ID
09	Faculty Rm			9:45	3:35	350	5 L/m	1750 L		X				08206	37
10	Music Room			9:45	3:35	350	5	1750 L		X				08201	48
11	Room 101			9:46	3:35	349	5	1745 L		X				08201	45
12	Hall o/s main office			10:42	3:35	293	5	1465 L		X				08201	47

Please fill out completely, sign, d and retain the yello copy for your recor

Summa canisters a flow controllers mu returned within 14 of receipt or rental 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)	11-26-12	Date/Time: 12:15
Received by: (signature)	11-26-12	Date/Time: 12:15
Relinquished by: (signature)	11-26-12	Date/Time: 17:20
Received by: (signature)	11-26-12	Date/Time: 1720

Turnaround **
☒ 5-7-Day
☐ 10-Day
☐ Other ___
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
*Approval Required

Special Requirements
Regulations:
Data Enhancement/RCP? ☐ Y ☐ N
Enhanced Data Package ☐ Y ☐ N
(Surchage Applies)
Required Detection Limits: < 50 ng/m³ total p(β)
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
P: 413-525-2332
F: 413-525-6405
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Sample Receipt Checklist

CLIENT NAME: AMC **RECEIVED BY:** WF **DATE:** 11-26-14

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

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

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

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

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

Temperature °C by Temp blank _____ Temperature °C by Temp gun 3.4

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

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

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

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

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

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

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

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
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	12
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 Sample Results

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December 3, 2012

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

Project Location: Osborne Hill School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 12K0808

Enclosed are results of analyses for samples received by the laboratory on November 26, 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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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

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

REPORT DATE: 12/3/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12K0808

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

PROJECT LOCATION: Osborne Hill School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
11-24 Wipe 01	12K0808-01	Wipe	Room 119 Floor	SW-846 8082A	
11-24 Wipe 02	12K0808-02	Wipe	Room 119 CMU Wall	SW-846 8082A	
11-24 Wipe 03	12K0808-03	Wipe	Room 120 - Desk	SW-846 8082A	
11-24 Wipe 04	12K0808-04	Wipe	Room 120 - Bookshelf	SW-846 8082A	
11-24 Wipe 05	12K0808-05	Wipe	Room 121 - Bookface	SW-846 8082A	
11-24 Wipe 06	12K0808-06	Wipe	Corridor o/s Rm 117 - Floor	SW-846 8082A	
11-24 Wipe 07	12K0808-07	Wipe	Corridor o/s Rm 117 - CMU Wall	SW-846 8082A	
11-24 Wipe 08	12K0808-08	Wipe	Room 125 - Desk	SW-846 8082A	
11-24 Wipe 09	12K0808-09	Wipe	Room 125 - Floor	SW-846 8082A	
11-24 Wipe 10	12K0808-10	Wipe	Room 114 - Bookshelf	SW-846 8082A	
11-24 Wipe 11	12K0808-11	Wipe	Room 114 - Wall	SW-846 8082A	
11-24 Wipe 12	12K0808-12	Wipe	o/s Room 112 Corridor - Floor	SW-846 8082A	
11-24 Wipe 13	12K0808-13	Wipe	o/s Room 112 Corridor - CMU Wall	SW-846 8082A	
11-24 Wipe 14	12K0808-14	Wipe	APR, CMU Wall	SW-846 8082A	
11-24 Wipe 15	12K0808-15	Wipe	APR Floor	SW-846 8082A	
11-24 Wipe 16	12K0808-16	Wipe	Front Corridor - Floor	SW-846 8082A	
11-24 Wipe 17	12K0808-17	Wipe	Front Corridor - CMU Wall	SW-846 8082A	
11-24 Wipe 18	12K0808-18	Wipe	Music Room - Book	SW-846 8082A	
11-24 Wipe 19	12K0808-19	Wipe	Music Room - Desk	SW-846 8082A	
11-24 Wipe 20	12K0808-20	Wipe	Room 101 - Floor	SW-846 8082A	
11-24 Wipe 21	12K0808-21	Wipe	Room 101 - CMU Wall	SW-846 8082A	
11-24 Wipe 22	12K0808-22	Wipe	Faculty Room - Table	SW-846 8082A	
11-24 Wipe 23	12K0808-23	Wipe	Faculty Room - CMU Wall	SW-846 8082A	
11-24 Wipe 24	12K0808-24	Wipe	Computer CPU	SW-846 8082A	

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CASE NARRATIVE SUMMARY

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

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

Daren J. Damboragian
Laboratory Manager

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

Project Location: Osborne Hill School | Sample Description: Room 119 Floor | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 01 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-01

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	11/27/12	11/29/12 12:04	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:04	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:04	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:04	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:04	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:04	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:04	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:04	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:04	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	88.2	30-150		11/29/12 12:04
Decachlorobiphenyl [2]	96.4	30-150		11/29/12 12:04
Tetrachloro-m-xylene [1]	65.4	30-150		11/29/12 12:04
Tetrachloro-m-xylene [2]	79.8	30-150		11/29/12 12:04

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

Project Location: Osborne Hill School | Sample Description: Room 119 CMU Wall | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 02 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-02

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	11/27/12	11/29/12 12:17	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:17	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:17	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:17	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:17	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:17	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:17	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:17	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:17	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	91.0	30-150		11/29/12 12:17
Decachlorobiphenyl [2]	102	30-150		11/29/12 12:17
Tetrachloro-m-xylene [1]	70.4	30-150		11/29/12 12:17
Tetrachloro-m-xylene [2]	85.8	30-150		11/29/12 12:17

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

Project Location: Osborne Hill School | Sample Description: Room 120 - Desk | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 03 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-03

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	11/27/12	11/29/12 12:30	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:30	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:30	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:30	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:30	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:30	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:30	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:30	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:30	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	92.5	30-150		11/29/12 12:30
Decachlorobiphenyl [2]	103	30-150		11/29/12 12:30
Tetrachloro-m-xylene [1]	71.1	30-150		11/29/12 12:30
Tetrachloro-m-xylene [2]	87.2	30-150		11/29/12 12:30

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

Project Location: Osborne Hill School | Sample Description: Room 120 - Bookshelf | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 04 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-04

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	11/27/12	11/29/12 12:43	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:43	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:43	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:43	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:43	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:43	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:43	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:43	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:43	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	95.7	30-150		11/29/12 12:43
Decachlorobiphenyl [2]	107	30-150		11/29/12 12:43
Tetrachloro-m-xylene [1]	72.6	30-150		11/29/12 12:43
Tetrachloro-m-xylene [2]	89.6	30-150		11/29/12 12:43

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

Project Location: Osborne Hill School | Sample Description: Room 121 - Bookface | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 05 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-05

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	11/27/12	11/29/12 12:55	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:55	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:55	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:55	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:55	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:55	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:55	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:55	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 12:55	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	92.1	30-150		11/29/12 12:55
Decachlorobiphenyl [2]	103	30-150		11/29/12 12:55
Tetrachloro-m-xylene [1]	71.7	30-150		11/29/12 12:55
Tetrachloro-m-xylene [2]	88.0	30-150		11/29/12 12:55

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

Project Location: Osborne Hill School | Sample Description: Corridor o/s Rm 117 - Floor | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 06 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-06

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	11/27/12	11/29/12 13:08	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:08	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:08	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:08	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:08	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:08	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:08	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:08	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:08	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	96.3	30-150		11/29/12 13:08
Decachlorobiphenyl [2]	108	30-150		11/29/12 13:08
Tetrachloro-m-xylene [1]	72.7	30-150		11/29/12 13:08
Tetrachloro-m-xylene [2]	89.6	30-150		11/29/12 13:08

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Project Location: Osborne Hill School | Sample Description: Corridor o/s Rm 117 - CMU Wall | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 07 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-07

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	11/27/12	11/29/12 13:21	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:21	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:21	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:21	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:21	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:21	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:21	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:21	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:21	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	94.7	30-150		11/29/12 13:21
Decachlorobiphenyl [2]	106	30-150		11/29/12 13:21
Tetrachloro-m-xylene [1]	72.6	30-150		11/29/12 13:21
Tetrachloro-m-xylene [2]	89.1	30-150		11/29/12 13:21

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

Project Location: Osborne Hill School | Sample Description: Room 125 - Desk | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 08 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-08

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	11/27/12	11/29/12 13:34	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:34	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:34	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:34	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:34	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:34	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:34	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:34	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:34	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	94.7	30-150		11/29/12 13:34
Decachlorobiphenyl [2]	105	30-150		11/29/12 13:34
Tetrachloro-m-xylene [1]	71.6	30-150		11/29/12 13:34
Tetrachloro-m-xylene [2]	88.0	30-150		11/29/12 13:34

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

Project Location: Osborne Hill School | Sample Description: Room 125 - Floor | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 09 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-09

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	11/27/12	11/29/12 13:47	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:47	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:47	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:47	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:47	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:47	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:47	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:47	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:47	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	93.1	30-150		11/29/12 13:47
Decachlorobiphenyl [2]	104	30-150		11/29/12 13:47
Tetrachloro-m-xylene [1]	71.9	30-150		11/29/12 13:47
Tetrachloro-m-xylene [2]	88.4	30-150		11/29/12 13:47

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

Project Location: Osborne Hill School | Sample Description: Room 114 - Bookshelf | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 10 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-10

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	11/27/12	11/29/12 13:59	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:59	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:59	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:59	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:59	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:59	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:59	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:59	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/27/12	11/29/12 13:59	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	95.9	30-150		11/29/12 13:59
Decachlorobiphenyl [2]	108	30-150		11/29/12 13:59
Tetrachloro-m-xylene [1]	72.6	30-150		11/29/12 13:59
Tetrachloro-m-xylene [2]	89.9	30-150		11/29/12 13:59

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

Project Location: Osborne Hill School | Sample Description: Room 114 - Wall | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 11 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-11

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	11/28/12	11/30/12 13:47	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 13:47	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 13:47	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 13:47	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 13:47	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 13:47	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 13:47	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 13:47	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 13:47	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	110	30-150		11/30/12 13:47
Decachlorobiphenyl [2]	88.3	30-150		11/30/12 13:47
Tetrachloro-m-xylene [1]	85.5	30-150		11/30/12 13:47
Tetrachloro-m-xylene [2]	90.2	30-150		11/30/12 13:47

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

Project Location: Osborne Hill School | Sample Description: o/s Room 112 Corridor - Floor | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 12 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-12

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	11/28/12	11/30/12 15:32	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:32	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:32	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:32	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:32	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:32	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:32	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:32	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:32	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	111	30-150		11/30/12 15:32
Decachlorobiphenyl [2]	89.5	30-150		11/30/12 15:32
Tetrachloro-m-xylene [1]	86.3	30-150		11/30/12 15:32
Tetrachloro-m-xylene [2]	91.9	30-150		11/30/12 15:32

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

Project Location: Osborne Hill School | Sample Description: o/s Room 112 Corridor - CMU Wall | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 13 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-13

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	11/28/12	11/30/12 15:45	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:45	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:45	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:45	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:45	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:45	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:45	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:45	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:45	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	111	30-150		11/30/12 15:45
Decachlorobiphenyl [2]	89.1	30-150		11/30/12 15:45
Tetrachloro-m-xylene [1]	87.2	30-150		11/30/12 15:45
Tetrachloro-m-xylene [2]	92.3	30-150		11/30/12 15:45

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

Project Location: Osborne Hill School | Sample Description: APR, CMU Wall | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 14 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-14

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	11/28/12	11/30/12 15:58	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:58	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:58	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:58	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:58	MJC
Aroclor-1254 [2]	0.25	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:58	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:58	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:58	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 15:58	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	109	30-150		11/30/12 15:58
Decachlorobiphenyl [2]	87.8	30-150		11/30/12 15:58
Tetrachloro-m-xylene [1]	85.7	30-150		11/30/12 15:58
Tetrachloro-m-xylene [2]	91.0	30-150		11/30/12 15:58

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

Project Location: Osborne Hill School | Sample Description: APR Floor | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 15 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-15

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	11/28/12	11/30/12 16:11	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:11	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:11	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:11	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:11	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:11	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:11	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:11	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:11	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	111	30-150		11/30/12 16:11
Decachlorobiphenyl [2]	89.5	30-150		11/30/12 16:11
Tetrachloro-m-xylene [1]	87.1	30-150		11/30/12 16:11
Tetrachloro-m-xylene [2]	92.9	30-150		11/30/12 16:11

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

Project Location: Osborne Hill School | Sample Description: Front Corridor - Floor | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 16 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-16

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	11/28/12	11/30/12 16:24	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:24	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:24	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:24	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:24	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:24	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:24	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:24	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:24	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	110	30-150		11/30/12 16:24
Decachlorobiphenyl [2]	87.8	30-150		11/30/12 16:24
Tetrachloro-m-xylene [1]	86.4	30-150		11/30/12 16:24
Tetrachloro-m-xylene [2]	91.6	30-150		11/30/12 16:24

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

Project Location: Osborne Hill School | Sample Description: Front Corridor - CMU Wall | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 17 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-17

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	11/28/12	11/30/12 16:37	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:37	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:37	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:37	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:37	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:37	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:37	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:37	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:37	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	111	30-150		11/30/12 16:37
Decachlorobiphenyl [2]	89.8	30-150		11/30/12 16:37
Tetrachloro-m-xylene [1]	88.5	30-150		11/30/12 16:37
Tetrachloro-m-xylene [2]	94.3	30-150		11/30/12 16:37

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

Project Location: Osborne Hill School | Sample Description: Music Room - Book | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 18 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-18

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	11/28/12	11/30/12 16:49	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:49	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:49	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:49	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:49	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:49	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:49	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:49	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 16:49	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	107	30-150		11/30/12 16:49
Decachlorobiphenyl [2]	85.6	30-150		11/30/12 16:49
Tetrachloro-m-xylene [1]	84.7	30-150		11/30/12 16:49
Tetrachloro-m-xylene [2]	90.1	30-150		11/30/12 16:49

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

Project Location: Osborne Hill School | Sample Description: Music Room - Desk | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 19 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-19

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	11/28/12	11/30/12 17:02	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:02	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:02	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:02	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:02	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:02	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:02	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:02	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:02	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	111	30-150		11/30/12 17:02
Decachlorobiphenyl [2]	89.5	30-150		11/30/12 17:02
Tetrachloro-m-xylene [1]	88.8	30-150		11/30/12 17:02
Tetrachloro-m-xylene [2]	94.3	30-150		11/30/12 17:02

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ANALYTICAL LABORATORY

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

Project Location: Osborne Hill School | Sample Description: Room 101 - Floor | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 20 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-20

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	11/28/12	11/30/12 17:41	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:41	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:41	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:41	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:41	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:41	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:41	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:41	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:41	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	107	30-150		11/30/12 17:41
Decachlorobiphenyl [2]	85.7	30-150		11/30/12 17:41
Tetrachloro-m-xylene [1]	86.7	30-150		11/30/12 17:41
Tetrachloro-m-xylene [2]	92.1	30-150		11/30/12 17:41

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ANALYTICAL LABORATORY

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

Project Location: Osborne Hill School | Sample Description: Room 101 - CMU Wall | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 21 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-21

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	11/28/12	11/30/12 17:54	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:54	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:54	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:54	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:54	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:54	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:54	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:54	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 17:54	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	109	30-150		11/30/12 17:54
Decachlorobiphenyl [2]	87.1	30-150		11/30/12 17:54
Tetrachloro-m-xylene [1]	86.2	30-150		11/30/12 17:54
Tetrachloro-m-xylene [2]	91.7	30-150		11/30/12 17:54

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

Project Location: Osborne Hill School | Sample Description: Faculty Room - Table | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 22 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-22

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	11/28/12	11/30/12 18:07	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:07	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:07	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:07	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:07	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:07	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:07	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:07	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:07	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	109	30-150		11/30/12 18:07
Decachlorobiphenyl [2]	87.5	30-150		11/30/12 18:07
Tetrachloro-m-xylene [1]	87.4	30-150		11/30/12 18:07
Tetrachloro-m-xylene [2]	92.5	30-150		11/30/12 18:07

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

Project Location: Osborne Hill School | Sample Description: Faculty Room - CMU Wall | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 23 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-23

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	11/28/12	11/30/12 18:19	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:19	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:19	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:19	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:19	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:19	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:19	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:19	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:19	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	104	30-150		11/30/12 18:19
Decachlorobiphenyl [2]	83.6	30-150		11/30/12 18:19
Tetrachloro-m-xylene [1]	80.2	30-150		11/30/12 18:19
Tetrachloro-m-xylene [2]	85.1	30-150		11/30/12 18:19

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Project Location: Osborne Hill School | Sample Description: Computer CPU | Work Order: 12K0808

Date Received: 11/26/2012

Field Sample #: 11-24 Wipe 24 | Sampled: 11/24/2012 00:00

Sample ID: 12K0808-24

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	11/28/12	11/30/12 18:32	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:32	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:32	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:32	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:32	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:32	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:32	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:32	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	11/28/12	11/30/12 18:32	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	107	30-150		11/30/12 18:32
Decachlorobiphenyl [2]	85.9	30-150		11/30/12 18:32
Tetrachloro-m-xylene [1]	75.4	30-150		11/30/12 18:32
Tetrachloro-m-xylene [2]	82.2	30-150		11/30/12 18:32

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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
12K0808-01 [11-24 Wipe 01]	B063564	1.00	10.0	11/27/12
12K0808-02 [11-24 Wipe 02]	B063564	1.00	10.0	11/27/12
12K0808-03 [11-24 Wipe 03]	B063564	1.00	10.0	11/27/12
12K0808-04 [11-24 Wipe 04]	B063564	1.00	10.0	11/27/12
12K0808-05 [11-24 Wipe 05]	B063564	1.00	10.0	11/27/12
12K0808-06 [11-24 Wipe 06]	B063564	1.00	10.0	11/27/12
12K0808-07 [11-24 Wipe 07]	B063564	1.00	10.0	11/27/12
12K0808-08 [11-24 Wipe 08]	B063564	1.00	10.0	11/27/12
12K0808-09 [11-24 Wipe 09]	B063564	1.00	10.0	11/27/12
12K0808-10 [11-24 Wipe 10]	B063564	1.00	10.0	11/27/12

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

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
12K0808-11 [11-24 Wipe 11]	B063623	1.00	10.0	11/28/12
12K0808-12 [11-24 Wipe 12]	B063623	1.00	10.0	11/28/12
12K0808-13 [11-24 Wipe 13]	B063623	1.00	10.0	11/28/12
12K0808-14 [11-24 Wipe 14]	B063623	1.00	10.0	11/28/12
12K0808-15 [11-24 Wipe 15]	B063623	1.00	10.0	11/28/12
12K0808-16 [11-24 Wipe 16]	B063623	1.00	10.0	11/28/12
12K0808-17 [11-24 Wipe 17]	B063623	1.00	10.0	11/28/12
12K0808-18 [11-24 Wipe 18]	B063623	1.00	10.0	11/28/12
12K0808-19 [11-24 Wipe 19]	B063623	1.00	10.0	11/28/12
12K0808-20 [11-24 Wipe 20]	B063623	1.00	10.0	11/28/12
12K0808-21 [11-24 Wipe 21]	B063623	1.00	10.0	11/28/12
12K0808-22 [11-24 Wipe 22]	B063623	1.00	10.0	11/28/12
12K0808-23 [11-24 Wipe 23]	B063623	1.00	10.0	11/28/12
12K0808-24 [11-24 Wipe 24]	B063623	1.00	10.0	11/28/12

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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 B063564 - SW-846 3540C										
Blank (B063564-BLK1)				Prepared: 11/27/12 Analyzed: 11/29/12						
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	*2.02*		µg/Wipe	2.00		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.27*		µg/Wipe	2.00		114	30-150			
Surrogate: Tetrachloro-m-xylene	*1.56*		µg/Wipe	2.00		78.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.94*		µg/Wipe	2.00		96.9	30-150			
LCS (B063564-BS1)				Prepared: 11/27/12 Analyzed: 11/29/12						
Aroclor-1016	0.45	0.20	µg/Wipe	0.500		89.2	40-140			
Aroclor-1016 [2C]	0.45	0.20	µg/Wipe	0.500		89.9	40-140			
Aroclor-1260	0.51	0.20	µg/Wipe	0.500		101	40-140			
Aroclor-1260 [2C]	0.52	0.20	µg/Wipe	0.500		103	40-140			
Surrogate: Decachlorobiphenyl	*1.97*		µg/Wipe	2.00		98.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.20*		µg/Wipe	2.00		110	30-150			
Surrogate: Tetrachloro-m-xylene	*1.43*		µg/Wipe	2.00		71.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.77*		µg/Wipe	2.00		88.7	30-150			
LCS Dup (B063564-BSD1)				Prepared: 11/27/12 Analyzed: 11/29/12						
Aroclor-1016	0.43	0.20	µg/Wipe	0.500		86.3	40-140	3.25	30	
Aroclor-1016 [2C]	0.45	0.20	µg/Wipe	0.500		90.8	40-140	1.02	30	
Aroclor-1260	0.51	0.20	µg/Wipe	0.500		103	40-140	1.47	30	
Aroclor-1260 [2C]	0.53	0.20	µg/Wipe	0.500		106	40-140	2.05	30	
Surrogate: Decachlorobiphenyl	*1.91*		µg/Wipe	2.00		95.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.10*		µg/Wipe	2.00		105	30-150			
Surrogate: Tetrachloro-m-xylene	*1.40*		µg/Wipe	2.00		70.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.73*		µg/Wipe	2.00		86.6	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 B063623 - SW-846 3540C										
Blank (B063623-BLK1)				Prepared: 11/28/12 Analyzed: 11/30/12						
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	*2.25*		µg/Wipe	2.00		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.79*		µg/Wipe	2.00		89.7	30-150			
Surrogate: Tetrachloro-m-xylene	*1.78*		µg/Wipe	2.00		88.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.87*		µg/Wipe	2.00		93.6	30-150			
LCS (B063623-BS1)				Prepared: 11/28/12 Analyzed: 11/30/12						
Aroclor-1016	0.50	0.20	µg/Wipe	0.500		99.4	40-140			
Aroclor-1016 [2C]	0.50	0.20	µg/Wipe	0.500		100	40-140			
Aroclor-1260	0.52	0.20	µg/Wipe	0.500		105	40-140			
Aroclor-1260 [2C]	0.51	0.20	µg/Wipe	0.500		102	40-140			
Surrogate: Decachlorobiphenyl	*2.16*		µg/Wipe	2.00		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.72*		µg/Wipe	2.00		85.8	30-150			
Surrogate: Tetrachloro-m-xylene	*1.76*		µg/Wipe	2.00		88.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.87*		µg/Wipe	2.00		93.7	30-150			
LCS Dup (B063623-BSD1)				Prepared: 11/28/12 Analyzed: 11/30/12						
Aroclor-1016	0.53	0.20	µg/Wipe	0.500		105	40-140	5.75	30	
Aroclor-1016 [2C]	0.54	0.20	µg/Wipe	0.500		107	40-140	6.87	30	
Aroclor-1260	0.55	0.20	µg/Wipe	0.500		110	40-140	5.16	30	
Aroclor-1260 [2C]	0.54	0.20	µg/Wipe	0.500		108	40-140	5.99	30	
Surrogate: Decachlorobiphenyl	*2.23*		µg/Wipe	2.00		112	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.77*		µg/Wipe	2.00		88.4	30-150			
Surrogate: Tetrachloro-m-xylene	*1.73*		µg/Wipe	2.00		86.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.83*		µg/Wipe	2.00		91.4	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.

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

No certified Analyses included in this Report

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
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	02/5/2013
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	460217	12/14/2012
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012

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

CHAIN OF CUSTODY RECORD

12K0808

39 Spruce Street
East longmeadow, MA 01028

Company Name: AMC Environmental
Address: P.O. Box 423
Stratford, CT 06615
Attention: Jason Pringle
Project Location: ~~[redacted] HS~~ OSBORN Hill School
Sampled By: Rick Onofrio

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

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

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

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Soxhlet 8082A	# of Containers	** Preservation	***Container Cod
01	11.24/wipe-01/Room 119 Floor	11/24/17	11/24/17			S		✓			
02	02/Room 119 CMU wall					S		✓			
03	03/Room 120 - Desk					S		✓			
04	04/Room 120 - Bookshelf					S		✓			
05	05/Room 121 - Book face					S		✓			
06	06/corridor 015 Rm 117 - Floor					S		✓			
07	07/ ↓ — CMU wall					S		✓			
08	08/Room 125 - Desk					S		✓			
09	09/ ↓ - Floor					S		✓			
10	10/Room 114 - Bookshelf					S		✓			

ANALYSIS REQUESTED

Dissolved Metal
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:
surface Area is 100 cm2

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:
R Onofrio	11-26-17 12:15
Received by: (signature)	Date/Time:
Paul Vacuit	11-26-17 12:15
Relinquished by: (signature)	Date/Time:
Paul Vacuit	11-26-17 17:20
Received by: (signature)	Date/Time:
	11-27-17 9:40

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 # _____

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

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

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www.contestlabs.com
39 SPRUCE ST
EAST LONGMEADOW, MA 01028

AIR SAMPLE CHAIN OF CUSTODY RECORD

12K0808

Company Name: AMC Env. LLC
Address:
Attention: J. Pringle
Project Location: Osborne Hill school - FFLD
Sampled By:

Telephone:( )
Project #
Client PO #

DATA DELIVERY (check one):
☐FAX ☐EMAIL ☐WEBSITE CLIENT
Fax # :
Email: result@amctech.com
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 M³/Min. or L/Min.	Volume Liters or M³	Matrix Code*	ANALYSIS REQUESTED 50+1&7 8082A	" Hg Initial pressure	" Hg Final pressure	Lab Receipt Pressure	Summa Canister ID	Flow Controller ID
11	11-24/wipe-11 - Room 114 - Wall			11/24/12			100cm²			X					
12	12 - Floor O/S Room 112 - corridor									X					
13	13 - CMU wall O/S Room 112 - corridor									X					
14	14 - APR, CMU wall									X					
15	15 - Floor APR									X					
16	16 - Front corridor - Floor									X					
17	17 - Front corridor - CMU wall									X					
18	18 - Music Room - Book									X					

Laboratory Comments:
surface area for sampling is 100 cm².

CLIENT COMMENTS:
Used Air chain for wipes - wipe surface is 100 cm²

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.

Relinquished by: (signature)	Date/Time:
11-26-12	12:15
Received by: (signature) Paul Racicot	Date/Time: 11-26-12 12:15
Relinquished by: (signature) Paul Racicot	Date/Time: 11-26-12 17:20
Received by: (signature)	Date/Time: 11-27-12

Turnaround **
☒ 5-7-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: <1ppm
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 NOT SIGNED, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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CHAIN OF CUSTODY RECORD

12K0808

Company Name: AMC Environmental
Address: P.O. Box 423
Stratford, CT 06615
Attention: Jason Pringle
Project Location: ~~Fairfield Ludlowe~~ HS o.s Borne Hill School
Sampled By: Rick Onofrio

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

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

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

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Soxhlet 8082A
19	11.24/wipe 19- Music Room - Desk	11/24/12				S		✓
20	20 - room 101 - Floor					S		✓
21	21 - " - CMU wall					S		✓
22	22 - Faculty Rm - Table					S		✓
23	23 " - CMU Wall					S		✓
24	24 - Computer CPU					S		✓
						S		✓
						S		✓
						S		✓
						S		✓

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: Sampling surface is 100cm² for each wipe

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:
[signature] 12:15	11/24
Received by: (signature) [signature] 11-26-12	Date/Time: 12:15
Relinquished by: (signature) [signature] 11-26-	Date/Time: 17:30
Received by: (signature) [signature] 11-26-12	Date/Time: 17:41

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 # _____

NELAC & AIHA Certified
WBE/DBE Certified

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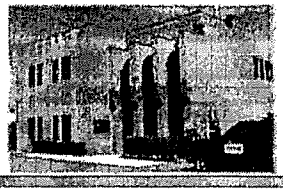

Sample Receipt Checklist

CLIENT NAME: AMC Env **RECEIVED BY:** WE **DATE:** 11-26-12

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 5.5
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	24
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: