

Fairfield Public Schools
Fairfield, CT 06825

TO: Dr. David Title and Members of the Board of Education
FROM: Salvatore Morabito
DATE: July 17, 2014
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 May 29, 2014. This testing consisted of air and wipe samples taken in a portion of the interior spaces previously tested. 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 except for one documented levels well below the EPA recommended limits and that the inspection of the encapsulated surfaces shows them to be intact and effective. One wipe sample taken on the corridor wall by the main office returned a slightly elevated reading. This area is schedule for abatement this summer. The results of testing conducted during and after the abatement work will be posted to the Fairfield Public Schools' website when received.

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 abatement work or the PCB testing, please feel free to contact me at (203) 255-7363.

Thank you.

c: Meg Brown
Central Office Administration
Sands Cleary



ENVIRONMENTAL, LLC

July 9, 2014

Mr. Sal Morabito
Fairfield Board of Education
501 Kings Highway East
Fairfield, CT 06824

RE: PCB Operations and Maintenance Report for Osborn Hill Elementary School – May 2014 Sampling

Dear Mr. Morabito:

INTRODUCTION

AMC Environmental, LLC performed the quarterly testing at Osborn Hill Elementary School located at 760 Stillson Road in Fairfield, CT on May 31, 2014 in accordance with the PCB Operations and Maintenance Plan that was developed and submitted on August 23, 2012. The assessment included a thorough visual assessment 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 the following:

Rooms 108, 112, 113, 115, 117, 119, 122, 124, Music Room (formerly Special Ed), Corridor outside Main Office, library and custodial closet/storage room. The Library and Custodial Closet were assessed during this round to assure that the engineering controls implemented in August 2013, after elevated levels were documented, are still being effective.

The 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.

AMC
Environmental,
LLC

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

P.O Box 423
Stratford, CT 06615

PCB Wipe Sampling

PCB in wipe sampling was conducted on twenty-nine (27) surfaces within the same areas mentioned above in the PCB air sampling section. The surfaces sampled consisted of representative floors, walls, bookshelves, books, and desks throughout the areas assessed.

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 fourteen (14) PCB air samples were obtained from selected areas throughout the building, including one (1) blank and one (1) duplicate sample. All fourteen (14) samples documented concentrations below the EPA recommended 300 ng/m³ threshold for children over the age of six. A more conservative threshold of 100 ng/m³ is the EPA recommended limit for kindergarten areas (<6 years old) within the school. Based on the analytical results, the air samples collected in all the areas documented acceptable levels of PCB in the air, below the 100 ng/m³ standard (see Analytical Results). Please see Table 1 for the location and analytical results for the PCB air samples obtained.

Table 1 – PCB Air Samples

Sample Number	Location	Results ng/m ³
05291407	Blank	ND
0213201412	Room 119	48
0213201416	Room 122	46
0213201415	Room 117 (rear left)	39
0213201413	Room 117 (front right)	49
0213201418	Room 124	41
0213201422	Room 115	35
0213201417	Room 113	37
05291401	Room 112	28
05291402	Custodian Room	94
05291403	Library	81
05291406	Hall by Main Office	64
05291405	Music Room	43
05291404	Room 108	41

PCB Wipe Samples

A total of twenty-seven (27) PCB wipe samples were obtained from representative surfaces within the selected areas. Along with the samples obtained, two (2) blanks were also submitted for analysis. Twenty-six (26) samples documented levels below the 1 $\mu\text{g}/100 \text{ cm}^2$ criteria for surfaces within dermal contact established by EPA and the CT DEEP. However, one (1) sample documented a level greater than the 1 $\mu\text{g}/100 \text{ cm}^2$. Therefore, all of the PCB wipe samples except for the wall sample taken outside the Main Office documented **acceptable** levels within the areas sampled (see Analytical Results). Table 2 documents the locations, surfaces and analytical results for PCB wipe samples obtained.

Table 2 – PCB Wipe Results

Sample Number	Location	Surface	Result $\mu\text{g}/100\text{cm}^2$
W0531-01	Blank		ND
W0531-02	Blank		ND
W0531-03	Room 119	Wall	ND
W0531-04	Room 119	Floor	ND
W0531-05	Room 122	Floor	ND
W0531-06	Room 122	Table	ND
W0531-07	Room 117	Wall	ND
W0531-08	Room 117	Floor	ND
W0531-09	Room 124	Wall	ND
W0531-10	Room 124	Desk	ND
W0531-11	Room 115	Desk	ND
W0531-12	Room 115	Floor	ND
W0531-13	Room 113	Floor	ND
W0531-14	Room 113	Desk	ND
W0531-15	Room 112	Floor	ND
W0531-16	Room 112	Book	ND
W0531-17	Custodian Office	Floor	ND
W0531-19	Library	Desk	ND
W0531-20	Library	Floor	ND
W0531-22	Library	Book #1	ND
W0531-23	Library	Book #2	ND
W0531-24	Library	Book #3	ND
W0531-25	Library	Book #4	ND
W0531-26	Hall outside Main Office	Floor	ND
W0531-27	Hall outside Main Office	Wall	1.7
W0531-28	Music Room	Desk	ND

Table 2 – PCB Wipe Results (cont'd)

Sample Number	Location	Surface	Result $\mu\text{g}/100\text{cm}^2$
W0531-29	Music Room	Bookshelf	ND
W0531-30	Room 108	Floor	ND
W0531-31	Room 108	Wall	ND

Visual Inspection

The visual inspection of encapsulated surfaces that contain PCBs throughout the school was also performed during the PCB Quarterly monitoring. 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, the hallway that runs from outside the Main Office to the Gymnasium and the hallway outside Classroom 119 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 above it. These areas were thoroughly inspected to ensure that the engineering controls remain intact and effective. The inspection found that all encapsulated surfaces visually appeared to still be intact and maintaining its original integrity. Therefore, there did not appear to be any visible hazards identified during this assessment.

Summary

Based on the visual inspection and analytical sampling results of the airborne and for the most part the surface sampling throughout representative areas of the school, it appears that the interim controls continue to be effective and remain in good condition. The airborne PCB and surface dust levels were documented to be acceptable in the areas assessed during this round of sampling. All air samples obtained document PCB levels well below the $300 \text{ ng}/\text{m}^3$ threshold for elementary school children, and less than $100 \text{ ng}/\text{m}^3$ required for children under the age of 6 years old. All areas sampled except for the hallway outside the Main Office (wall) did not document presence of PCB's. The wall sample from the hallway outside the Main Office documented levels slightly above the $1 \mu\text{g}/100 \text{ cm}^2$ standard used for high occupancy areas. It is recommended that follow-up wipe sampling be performed on the wall outside the main office. Please note that any activities or renovations that will occur within OHS shall be carefully coordinated with the PCB Program Coordinator or Designee to ensure PCB's are not disturbed during the

Osborn Hill Elementary School

Fairfield, CT

Quarterly Testing

July 9, 2014

Page 5 of 7

activities. In addition, the Board of Education is required to complete and file the appropriate paperwork with CT DEEP on an annual basis requesting permission to continue to manage the PCB containing building materials within the school.

Very truly,

A handwritten signature in black ink, appearing to read "J. Pringle".

Jason Pringle

Osborn Hill Elementary School
Fairfield, CT
Quarterly Testing
July 9, 2014
Page 6 of 7

LABORATORY RESULTS

PCB Air Sample Results

June 17, 2014

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

Project Location: Osborn School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 14F0072

Enclosed are results of analyses for samples received by the laboratory on June 3, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa A. Worthington
Project Manager

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

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14F0072

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

PROJECT LOCATION: Osborn School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
052914 01 Rm 112	14F0072-01	Air	Rm 112	TO-10A/EPA 680 Modified	
052914 02 Custod. Room	14F0072-02	Air	Custodian Room	TO-10A/EPA 680 Modified	
052914 03 Library	14F0072-03	Air	Library	TO-10A/EPA 680 Modified	
052914 06 Hall By Main Office	14F0072-04	Air	Hall By Main Office	TO-10A/EPA 680 Modified	
052914 05 Band Room (#11)	14F0072-05	Air	Board Room (#11)	TO-10A/EPA 680 Modified	
052914 04 Rm 108	14F0072-06	Air	Rm 108	TO-10A/EPA 680 Modified	
052914 07 Blank	14F0072-07	[blank]	Blank	TO-10A/EPA 680 Modified	
052914 12 Rm 119	14F0072-08	Air	Rm 119	TO-10A/EPA 680 Modified	
052914 16 Rm 122	14F0072-09	Air	Rm 122	TO-10A/EPA 680 Modified	
052914 15 Rm 117 Rear Left	14F0072-10	Air	Rm 117 Rear Left	TO-10A/EPA 680 Modified	
052914 13 Rm 117 Front Rt.	14F0072-11	Air	Rm 117 Front Right	TO-10A/EPA 680 Modified	
052914 18 Rm 124	14F0072-12	Air	Rm 124	TO-10A/EPA 680 Modified	
052914 22 Rm 115	14F0072-13	Air	Rm 115	TO-10A/EPA 680 Modified	
052914 17 Rm 113	14F0072-14	Air	Rm 113	TO-10A/EPA 680 Modified	

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:

Decachlorobiphenyl, Nonachlorobiphenyls

B097015-BS1, B097015-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:

Decachlorobiphenyl, Nonachlorobiphenyls

14F0072-01[052914 01 Rm 112], 14F0072-02[052914 02 Custod. Room], 14F0072-03[052914 03 Library], 14F0072-04[052914 06 Hall By Main Office],
14F0072-05[052914 05 Band Room (#11)], 14F0072-06[052914 04 Rm 108], 14F0072-07[052914 07 Blank], 14F0072-08[052914 12 Rm 119], 14F0072-09[052914 16
Rm 122], 14F0072-10[052914 15 Rm 117 Rear Left], 14F0072-11[052914 13 Rm 117 Front Rt.], 14F0072-12[052914 18 Rm 124], 14F0072-13[052914 22 Rm 115],
14F0072-14[052914 17 Rm 113], B097015-BLK2

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

ANALYTICAL RESULTS

Project Location: Osborn School

Date Received: 6/3/2014

Field Sample #: 052914 01 Rm 112

Sample ID: 14F0072-01

Sample Matrix: Air

Sampled: 5/29/2014 15:29

Sample Description/Location: Rm 112

Sub Description/Location:

Work Order: 14F0072

Flow Controller ID:

Sample Type:

Air Volume L: 3005

TO-10A/EPA 680 Modified

Analyte	Total µg			ug/m3			Date/Time		
	Results	RL	Flag/Qual	Results	RL		Dilution	Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00033		1	6/5/14 17:05	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/5/14 17:05	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/5/14 17:05	CJM
Tetrachlorobiphenyls	0.024	0.0020		0.0079	0.00067		1	6/5/14 17:05	CJM
Pentachlorobiphenyls	0.051	0.0020		0.017	0.00067		1	6/5/14 17:05	CJM
Hexachlorobiphenyls	0.010	0.0020		0.0034	0.00067		1	6/5/14 17:05	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.001		1	6/5/14 17:05	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.001		1	6/5/14 17:05	CJM
Nonachlorobiphenyls	ND	0.0050	V-20	ND	0.0017		1	6/5/14 17:05	CJM
Decachlorobiphenyl	ND	0.0050	V-20	ND	0.0017		1	6/5/14 17:05	CJM
Total Polychlorinated biphenyls	0.085			0.028			1	6/5/14 17:05	CJM
Surrogates		% Recovery			% REC Limits				
Tetrachloro-m-xylene		80.5			50-125				
6/5/14 17:05									

ANALYTICAL RESULTS

Project Location: Osborn School

Date Received: 6/3/2014

Field Sample #: 052914 02 Custod. Room
Sample ID: 14F0072-02

Sample Matrix: Air

Sampled: 5/29/2014 15:30

Sample Description/Location: Custodian Room

Sub Description/Location:

Work Order: 14F0072

Flow Controller ID:

Sample Type:

Air Volume L: 3010

TO-10A/EPA 680 Modified

Analyte	Total µg			ug/m3			Dilution	Date/Time Analyzed	Analyst
	Results	RL	Flag/Qual	Results	RL				
Monochlorobiphenyls	ND	0.0010		ND	0.00033		1	6/5/14 17:35	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/5/14 17:35	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/5/14 17:35	CJM
Tetrachlorobiphenyls	0.082	0.0020		0.027	0.00066		1	6/5/14 17:35	CJM
Pentachlorobiphenyls	0.17	0.0020		0.056	0.00066		1	6/5/14 17:35	CJM
Hexachlorobiphenyls	0.032	0.0020		0.011	0.00066		1	6/5/14 17:35	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.001		1	6/5/14 17:35	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.001		1	6/5/14 17:35	CJM
Nonachlorobiphenyls	ND	0.0050	V-20	ND	0.0017		1	6/5/14 17:35	CJM
Decachlorobiphenyl	ND	0.0050	V-20	ND	0.0017		1	6/5/14 17:35	CJM
Total Polychlorinated biphenyls	0.28			0.094			1	6/5/14 17:35	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	88.1	50-125	6/5/14 17:35

ANALYTICAL RESULTS

Project Location: Osborn School

Date Received: 6/3/2014

Field Sample #: 052914 03 Library
Sample ID: 14F0072-03

Sample Matrix: Air

Sampled: 5/29/2014 15:30

Sample Description/Location: Library

Sub Description/Location:

Work Order: 14F0072

Flow Controller ID:

Sample Type:

Air Volume L: 3005

TO-10A/EPA 680 Modified

Analyte	Total µg			ug/m3			Date/Time		
	Results	RL	Flag/Qual	Results	RL		Dilution	Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00033		1	6/5/14 18:05	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/5/14 18:05	CJM
Trichlorobiphenyls	0.0018	0.0010		0.00061	0.00033		1	6/5/14 18:05	CJM
Tetrachlorobiphenyls	0.071	0.0020		0.024	0.00067		1	6/5/14 18:05	CJM
Pentachlorobiphenyls	0.15	0.0020		0.049	0.00067		1	6/5/14 18:05	CJM
Hexachlorobiphenyls	0.025	0.0020		0.0082	0.00067		1	6/5/14 18:05	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.001		1	6/5/14 18:05	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.001		1	6/5/14 18:05	CJM
Nonachlorobiphenyls	ND	0.0050	V-20	ND	0.0017		1	6/5/14 18:05	CJM
Decachlorobiphenyl	ND	0.0050	V-20	ND	0.0017		1	6/5/14 18:05	CJM
Total Polychlorinated biphenyls	0.24			0.081			1	6/5/14 18:05	CJM

Surrogates % Recovery % REC Limits

Tetrachloro-m-xylene 96.6 50-125 6/5/14 18:05

ANALYTICAL RESULTS

Project Location: Osborn School

Date Received: 6/3/2014

Field Sample #: 052914_06 Hall By Main Office

Sample ID: 14F0072-04

Sample Matrix: Air

Sampled: 5/29/2014 15:32

Sample Description/Location: Hall By Main Office

Sub Description/Location:

Work Order: 14F0072

Flow Controller ID:

Sample Type:

Air Volume L: 3010

TO-10A/EPA 680 Modified

Analyte	Total µg			ug/m3			Date/Time		
	Results	RL	Flag/Qual	Results	RL		Dilution	Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00033		1	6/5/14 18:35	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/5/14 18:35	CJM
Trichlorobiphenyls	0.0014	0.0010		0.00048	0.00033		1	6/5/14 18:35	CJM
Tetrachlorobiphenyls	0.049	0.0020		0.016	0.00066		1	6/5/14 18:35	CJM
Pentachlorobiphenyls	0.12	0.0020		0.039	0.00066		1	6/5/14 18:35	CJM
Hexachlorobiphenyls	0.023	0.0020		0.0078	0.00066		1	6/5/14 18:35	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.001		1	6/5/14 18:35	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.001		1	6/5/14 18:35	CJM
Nonachlorobiphenyls	ND	0.0050	V-20	ND	0.0017		1	6/5/14 18:35	CJM
Decachlorobiphenyl	ND	0.0050	V-20	ND	0.0017		1	6/5/14 18:35	CJM
Total Polychlorinated biphenyls	0.19			0.064			1	6/5/14 18:35	CJM

Surrogates % Recovery % REC Limits

Tetrachloro-m-xylene 85.7 50-125 6/5/14 18:35

ANALYTICAL RESULTS

Project Location: Osborn School

Date Received: 6/3/2014

Field Sample #: 052914 05 Band Room (#11)

Sample ID: 14F0072-05

Sample Matrix: Air

Sampled: 5/29/2014 15:32

Sample Description/Location: Board Room (#11)

Sub Description/Location:

Work Order: 14F0072

Flow Controller ID:

Sample Type:

Air Volume L: 3155.25

TO-10A/EPA 680 Modified

Analyte	Total µg			ug/m3			Date/Time		
	Results	RL	Flag/Qual	Results	RL		Dilution	Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00032		1	6/5/14 19:04	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00032		1	6/5/14 19:04	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00032		1	6/5/14 19:04	CJM
Tetrachlorobiphenyls	0.038	0.0020		0.012	0.00063		1	6/5/14 19:04	CJM
Pentachlorobiphenyls	0.084	0.0020		0.027	0.00063		1	6/5/14 19:04	CJM
Hexachlorobiphenyls	0.014	0.0020		0.0045	0.00063		1	6/5/14 19:04	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.00095		1	6/5/14 19:04	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.00095		1	6/5/14 19:04	CJM
Nonachlorobiphenyls	ND	0.0050	V-20	ND	0.0016		1	6/5/14 19:04	CJM
Decachlorobiphenyl	ND	0.0050	V-20	ND	0.0016		1	6/5/14 19:04	CJM
Total Polychlorinated biphenyls	0.14			0.043			1	6/5/14 19:04	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	87.2	50-125	6/5/14 19:04

ANALYTICAL RESULTS

Project Location: Osborn School

Date Received: 6/3/2014

Field Sample #: 052914 04 Rm 108
Sample ID: 14F0072-06

Sample Matrix: Air

Sampled: 5/29/2014 15:33

Sample Description/Location: Rm 108

Sub Description/Location:

Work Order: 14F0072

Flow Controller ID:

Sample Type:

Air Volume L: 3155.25

TO-10A/EPA 680 Modified

Analyte	Total µg			ug/m3			Date/Time		
	Results	RL	Flag/Qual	Results	RL		Dilution	Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00032		1	6/5/14 19:34	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00032		1	6/5/14 19:34	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00032		1	6/5/14 19:34	CJM
Tetrachlorobiphenyls	0.039	0.0020		0.012	0.00063		1	6/5/14 19:34	CJM
Pentachlorobiphenyls	0.075	0.0020		0.024	0.00063		1	6/5/14 19:34	CJM
Hexachlorobiphenyls	0.015	0.0020		0.0046	0.00063		1	6/5/14 19:34	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.00095		1	6/5/14 19:34	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.00095		1	6/5/14 19:34	CJM
Nonachlorobiphenyls	ND	0.0050	V-20	ND	0.0016		1	6/5/14 19:34	CJM
Decachlorobiphenyl	ND	0.0050	V-20	ND	0.0016		1	6/5/14 19:34	CJM
Total Polychlorinated biphenyls	0.13			0.041			1	6/5/14 19:34	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	85.8	50-125	6/5/14 19:34

ANALYTICAL RESULTS

Project Location: Osborn School

Date Received: 6/3/2014

Field Sample #: 052914 07 Blank
Sample ID: 14F0072-07

Sample Matrix: [blank]

Sampled: 5/29/2014 00:00

Sample Description/Location: Blank

Sub Description/Location:

Work Order: 14F0072

Flow Controller ID:

Sample Type:

TO-10A/EPA 680 Modified

Analyte	Total µg			Date/Time		
	Results	RL	Flag/Qual	Dilution	Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		1	6/5/14 20:04	CJM
Dichlorobiphenyls	ND	0.0010		1	6/5/14 20:04	CJM
Trichlorobiphenyls	ND	0.0010		1	6/5/14 20:04	CJM
Tetrachlorobiphenyls	ND	0.0020		1	6/5/14 20:04	CJM
Pentachlorobiphenyls	ND	0.0020		1	6/5/14 20:04	CJM
Hexachlorobiphenyls	ND	0.0020		1	6/5/14 20:04	CJM
Heptachlorobiphenyls	ND	0.0030		1	6/5/14 20:04	CJM
Octachlorobiphenyls	ND	0.0030		1	6/5/14 20:04	CJM
Nonachlorobiphenyls	ND	0.0050	V-20	1	6/5/14 20:04	CJM
Decachlorobiphenyl	ND	0.0050	V-20	1	6/5/14 20:04	CJM
Total Polychlorinated biphenyls	0.0			1	6/5/14 20:04	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	89.8	50-125	6/5/14 20:04

ANALYTICAL RESULTS

Project Location: Osborn School

Date Received: 6/3/2014

Field Sample #: 052914 12 Rm 119
Sample ID: 14F0072-08

Sample Matrix: Air

Sampled: 5/29/2014 15:23

Sample Description/Location: Rm 119

Sub Description/Location:

Work Order: 14F0072

Flow Controller ID:

Sample Type:

Air Volume L: 3010

TO-10A/EPA 680 Modified

Analyte	Total µg			ug/m3			Date/Time		
	Results	RL	Flag/Qual	Results	RL		Dilution	Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00033		1	6/5/14 20:34	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/5/14 20:34	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/5/14 20:34	CJM
Tetrachlorobiphenyls	0.041	0.0020		0.013	0.00066		1	6/5/14 20:34	CJM
Pentachlorobiphenyls	0.086	0.0020		0.028	0.00066		1	6/5/14 20:34	CJM
Hexachlorobiphenyls	0.019	0.0020		0.0064	0.00066		1	6/5/14 20:34	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.001		1	6/5/14 20:34	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.001		1	6/5/14 20:34	CJM
Nonachlorobiphenyls	ND	0.0050	V-20	ND	0.0017		1	6/5/14 20:34	CJM
Decachlorobiphenyl	ND	0.0050	V-20	ND	0.0017		1	6/5/14 20:34	CJM
Total Polychlorinated biphenyls	0.15			0.048			1	6/5/14 20:34	CJM

Surrogates % Recovery % REC Limits

Tetrachloro-m-xylene 92.0 50-125 6/5/14 20:34

ANALYTICAL RESULTS

Project Location: Osborn School

Date Received: 6/3/2014

Field Sample #: 052914 16 Rm 122
Sample ID: 14F0072-09

Sample Matrix: Air

Sampled: 5/29/2014 15:23

Sample Description/Location: Rm 122

Sub Description/Location:

Work Order: 14F0072

Flow Controller ID:

Sample Type:

Air Volume L: 3005

TO-10A/EPA 680 Modified

Analyte	Total µg			ug/m3			Date/Time		
	Results	RL	Flag/Qual	Results	RL		Dilution	Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00033		1	6/5/14 21:04	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/5/14 21:04	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/5/14 21:04	CJM
Tetrachlorobiphenyls	0.036	0.0020		0.012	0.00067		1	6/5/14 21:04	CJM
Pentachlorobiphenyls	0.084	0.0020		0.028	0.00067		1	6/5/14 21:04	CJM
Hexachlorobiphenyls	0.019	0.0020		0.0064	0.00067		1	6/5/14 21:04	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.001		1	6/5/14 21:04	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.001		1	6/5/14 21:04	CJM
Nonachlorobiphenyls	ND	0.0050	V-20	ND	0.0017		1	6/5/14 21:04	CJM
Decachlorobiphenyl	ND	0.0050	V-20	ND	0.0017		1	6/5/14 21:04	CJM
Total Polychlorinated biphenyls	0.14			0.046			1	6/5/14 21:04	CJM

Surrogates % Recovery % REC Limits

Tetrachloro-m-xylene 89.7 50-125 6/5/14 21:04

ANALYTICAL RESULTS

Project Location: Osborn School

Date Received: 6/3/2014

Field Sample #: 052914 15 Rm 117 Rear Left

Sample ID: 14F0072-10

Sample Matrix: Air

Sampled: 5/29/2014 15:24

Sample Description/Location: Rm 117 Rear Left

Sub Description/Location:

Work Order: 14F0072

Flow Controller ID:

Sample Type:

Air Volume L: 3005

TO-10A/EPA 680 Modified

Analyte	Total µg			ug/m3			Date/Time		
	Results	RL	Flag/Qual	Results	RL		Dilution	Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00033		1	6/6/14 10:28	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/6/14 10:28	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/6/14 10:28	CJM
Tetrachlorobiphenyls	0.032	0.0020		0.011	0.00067		1	6/6/14 10:28	CJM
Pentachlorobiphenyls	0.071	0.0020		0.024	0.00067		1	6/6/14 10:28	CJM
Hexachlorobiphenyls	0.014	0.0020		0.0046	0.00067		1	6/6/14 10:28	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.001		1	6/6/14 10:28	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.001		1	6/6/14 10:28	CJM
Nonachlorobiphenyls	ND	0.0050	V-20	ND	0.0017		1	6/6/14 10:28	CJM
Decachlorobiphenyl	ND	0.0050	V-20	ND	0.0017		1	6/6/14 10:28	CJM
Total Polychlorinated biphenyls	0.12			0.039			1	6/6/14 10:28	CJM

Surrogates

% Recovery

% REC Limits

Tetrachloro-m-xylene	104	50-125	6/6/14 10:28
----------------------	-----	--------	--------------

ANALYTICAL RESULTS

Project Location: Osborn School

Date Received: 6/3/2014

Field Sample #: 052914 13 Rm 117 Front Rt.

Sample ID: 14F0072-11

Sample Matrix: Air

Sampled: 5/29/2014 15:25

Sample Description/Location: Rm 117 Front Right

Sub Description/Location:

Work Order: 14F0072

Flow Controller ID:

Sample Type:

Air Volume L: 3005

TO-10A/EPA 680 Modified

Analyte	Total µg			ug/m3			Date/Time		
	Results	RL	Flag/Qual	Results	RL		Dilution	Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00033		1	6/6/14 10:58	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/6/14 10:58	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/6/14 10:58	CJM
Tetrachlorobiphenyls	0.041	0.0020		0.014	0.00067		1	6/6/14 10:58	CJM
Pentachlorobiphenyls	0.088	0.0020		0.029	0.00067		1	6/6/14 10:58	CJM
Hexachlorobiphenyls	0.018	0.0020		0.0059	0.00067		1	6/6/14 10:58	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.001		1	6/6/14 10:58	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.001		1	6/6/14 10:58	CJM
Nonachlorobiphenyls	ND	0.0050	V-20	ND	0.0017		1	6/6/14 10:58	CJM
Decachlorobiphenyl	ND	0.0050	V-20	ND	0.0017		1	6/6/14 10:58	CJM
Total Polychlorinated biphenyls	0.15			0.049			1	6/6/14 10:58	CJM

Surrogates

% Recovery

% REC Limits

Tetrachloro-m-xylene	113	50-125	6/6/14 10:58
----------------------	-----	--------	--------------

ANALYTICAL RESULTS

Project Location: Osborn School

Date Received: 6/3/2014

Field Sample #: 052914 18 Rm 124
Sample ID: 14F0072-12

Sample Matrix: Air

Sampled: 5/29/2014 15:26

Sample Description/Location: Rm 124

Sub Description/Location:

Work Order: 14F0072

Flow Controller ID:

Sample Type:

Air Volume L: 3305.5

TO-10A/EPA 680 Modified

Analyte	Total µg			ug/m3			Date/Time		
	Results	RL	Flag/Qual	Results	RL		Dilution	Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.0003		1	6/6/14 11:28	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.0003		1	6/6/14 11:28	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.0003		1	6/6/14 11:28	CJM
Tetrachlorobiphenyls	0.042	0.0020		0.013	0.00061		1	6/6/14 11:28	CJM
Pentachlorobiphenyls	0.078	0.0020		0.024	0.00061		1	6/6/14 11:28	CJM
Hexachlorobiphenyls	0.015	0.0020		0.0044	0.00061		1	6/6/14 11:28	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.00091		1	6/6/14 11:28	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.00091		1	6/6/14 11:28	CJM
Nonachlorobiphenyls	ND	0.0050	V-20	ND	0.0015		1	6/6/14 11:28	CJM
Decachlorobiphenyl	ND	0.0050	V-20	ND	0.0015		1	6/6/14 11:28	CJM
Total Polychlorinated biphenyls	0.14			0.041			1	6/6/14 11:28	CJM

Surrogates

% Recovery

% REC Limits

Tetrachloro-m-xylene	116	50-125	6/6/14 11:28
----------------------	-----	--------	--------------

ANALYTICAL RESULTS

Project Location: Osborn School

Date Received: 6/3/2014

Field Sample #: 052914 22 Rm 115
Sample ID: 14F0072-13

Sample Matrix: Air

Sampled: 5/29/2014 15:27

Sample Description/Location: Rm 115

Sub Description/Location:

Work Order: 14F0072

Flow Controller ID:

Sample Type:

Air Volume L: 3005

TO-10A/EPA 680 Modified

Analyte	Total µg			ug/m3			Date/Time		
	Results	RL	Flag/Qual	Results	RL		Dilution	Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00033		1	6/6/14 11:58	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/6/14 11:58	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/6/14 11:58	CJM
Tetrachlorobiphenyls	0.032	0.0020		0.011	0.00067		1	6/6/14 11:58	CJM
Pentachlorobiphenyls	0.063	0.0020		0.021	0.00067		1	6/6/14 11:58	CJM
Hexachlorobiphenyls	0.010	0.0020		0.0035	0.00067		1	6/6/14 11:58	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.001		1	6/6/14 11:58	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.001		1	6/6/14 11:58	CJM
Nonachlorobiphenyls	ND	0.0050	V-20	ND	0.0017		1	6/6/14 11:58	CJM
Decachlorobiphenyl	ND	0.0050	V-20	ND	0.0017		1	6/6/14 11:58	CJM
Total Polychlorinated biphenyls	0.11			0.035			1	6/6/14 11:58	CJM

Surrogates % Recovery % REC Limits

Tetrachloro-m-xylene 101 50-125 6/6/14 11:58

ANALYTICAL RESULTS

Project Location: Osborn School

Date Received: 6/3/2014

Field Sample #: 052914 17 Rm 113
Sample ID: 14F0072-14

Sample Matrix: Air

Sampled: 5/29/2014 15:28

Sample Description/Location: Rm 113

Sub Description/Location:

Work Order: 14F0072

Flow Controller ID:

Sample Type:

Air Volume L: 3005

TO-10A/EPA 680 Modified

Analyte	Total µg			ug/m3			Date/Time		
	Results	RL	Flag/Qual	Results	RL		Dilution	Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00033		1	6/6/14 12:28	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/6/14 12:28	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00033		1	6/6/14 12:28	CJM
Tetrachlorobiphenyls	0.032	0.0020		0.011	0.00067		1	6/6/14 12:28	CJM
Pentachlorobiphenyls	0.066	0.0020		0.022	0.00067		1	6/6/14 12:28	CJM
Hexachlorobiphenyls	0.012	0.0020		0.0041	0.00067		1	6/6/14 12:28	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.001		1	6/6/14 12:28	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.001		1	6/6/14 12:28	CJM
Nonachlorobiphenyls	ND	0.0050	V-20	ND	0.0017		1	6/6/14 12:28	CJM
Decachlorobiphenyl	ND	0.0050	V-20	ND	0.0017		1	6/6/14 12:28	CJM
Total Polychlorinated biphenyls	0.11			0.037			1	6/6/14 12:28	CJM

Surrogates % Recovery % REC Limits

Tetrachloro-m-xylene 109 50-125 6/6/14 12:28

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

Lab Number [Field ID]	Batch	Initial [Cartridge]	Final [mL]	Date
14F0072-01 [052914 01 Rm 112]	B097015	1.00	1.00	06/04/14
14F0072-02 [052914 02 Custod. Room]	B097015	1.00	1.00	06/04/14
14F0072-03 [052914 03 Library]	B097015	1.00	1.00	06/04/14
14F0072-04 [052914 06 Hall By Main Office]	B097015	1.00	1.00	06/04/14
14F0072-05 [052914 05 Band Room (#11)]	B097015	1.00	1.00	06/04/14
14F0072-06 [052914 04 Rm 108]	B097015	1.00	1.00	06/04/14
14F0072-07 [052914 07 Blank]	B097015	1.00	1.00	06/04/14
14F0072-08 [052914 12 Rm 119]	B097015	1.00	1.00	06/04/14
14F0072-09 [052914 16 Rm 122]	B097015	1.00	1.00	06/04/14
14F0072-10 [052914 15 Rm 117 Rear Left]	B097015	1.00	1.00	06/04/14
14F0072-11 [052914 13 Rm 117 Front Rt.]	B097015	1.00	1.00	06/04/14
14F0072-12 [052914 18 Rm 124]	B097015	1.00	1.00	06/04/14
14F0072-13 [052914 22 Rm 115]	B097015	1.00	1.00	06/04/14
14F0072-14 [052914 17 Rm 113]	B097015	1.00	1.00	06/04/14

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

Analyte	Total µg Results	ug/m3 RL	Spike Level Results	Source Total µg	%REC Result	%REC Limits	RPD RPD	RPD Limit	Flag/Qual
---------	---------------------	-------------	------------------------	--------------------	----------------	----------------	------------	--------------	-----------

Batch B097015 - SW-846 3540C

Blank (B097015-BLK2)	Prepared: 06/04/14 Analyzed: 06/05/14							
Monochlorobiphenyls	ND	0.0010						
Dichlorobiphenyls	ND	0.0010						
Trichlorobiphenyls	ND	0.0010						
Tetrachlorobiphenyls	ND	0.0020						
Pentachlorobiphenyls	ND	0.0020						
Hexachlorobiphenyls	ND	0.0020						
Heptachlorobiphenyls	ND	0.0030						
Octachlorobiphenyls	ND	0.0030						
Nonachlorobiphenyls	ND	0.0050						V-20
Decachlorobiphenyl	ND	0.0050						V-20
Total Polychlorinated biphenyls	0.0							
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.199</i>		<i>0.200</i>		<i>99.3</i>		<i>50-125</i>	

LCS (B097015-BS1)	Prepared: 06/04/14 Analyzed: 06/05/14							
Monochlorobiphenyls	0.14	0.0010		0.200	70.0	40-140		
Dichlorobiphenyls	0.15	0.0010		0.200	76.8	40-140		
Trichlorobiphenyls	0.16	0.0010		0.200	80.6	40-140		
Tetrachlorobiphenyls	0.33	0.0020		0.400	81.7	40-140		
Pentachlorobiphenyls	0.38	0.0020		0.400	94.7	40-140		
Hexachlorobiphenyls	0.35	0.0020		0.400	87.8	40-140		
Heptachlorobiphenyls	0.57	0.0030		0.600	94.5	40-140		
Octachlorobiphenyls	0.57	0.0030		0.600	94.3	40-140		
Nonachlorobiphenyls	1.0	0.0050		1.00	105	40-140		V-06
Decachlorobiphenyl	1.1	0.0050		1.00	110	40-140		V-06
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.212</i>		<i>0.200</i>		<i>106</i>		<i>50-125</i>	

LCS Dup (B097015-BSD1)	Prepared: 06/04/14 Analyzed: 06/05/14							
Monochlorobiphenyls	0.16	0.0010		0.200	80.0	40-140	13.3	50
Dichlorobiphenyls	0.17	0.0010		0.200	85.4	40-140	10.5	50
Trichlorobiphenyls	0.18	0.0010		0.200	89.1	40-140	9.99	50
Tetrachlorobiphenyls	0.36	0.0020		0.400	90.7	40-140	10.4	50
Pentachlorobiphenyls	0.43	0.0020		0.400	107	40-140	12.3	50
Hexachlorobiphenyls	0.40	0.0020		0.400	99.8	40-140	12.8	50
Heptachlorobiphenyls	0.65	0.0030		0.600	108	40-140	13.5	50
Octachlorobiphenyls	0.65	0.0030		0.600	108	40-140	13.7	50
Nonachlorobiphenyls	1.2	0.0050		1.00	120	40-140	13.1	50
Decachlorobiphenyl	1.3	0.0050		1.00	126	40-140	13.3	50
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.216</i>		<i>0.200</i>		<i>108</i>		<i>50-125</i>	V-06

FLAG/QUALIFIER SUMMARY

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

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

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

- V-06 Continuing calibration did not meet method specifications and was biased on the high side for this compound.
Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
- V-20 Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
TO-10A/EPA 680 Modified in Air	

Total Polychlorinated biphenyls AIHA

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2014
CT	Connecticut Department of Public Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2014
FL	Florida Department of Health	E871027 NELAP	06/30/2014
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2014
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2014



con-test[®]

**Phone: 413-525-2332 AIR SAMPLE CHAIN OF CUSTODY
Fax: 413-525-6405 RECORD**

39 SPRUCE ST
EAST LONGMEADOW, MA 01021

Page 7 of
DOC#284

Project Name: AMC				Company Name: AMC	www.contestlabs.com																																																																																																												
Address:				Telephone:																																																																																																													
Project # 14K0072				Project #																																																																																																													
Client PO #																																																																																																																	
<p>Attention: _____</p> <p>Project Location: OBX</p> <p>Sampled By: _____</p> <p>Proposal Provided? (For Billing purposes)</p> <p><input type="checkbox"/> yes <input type="checkbox"/> proposal date</p>																																																																																																																	
<p>DATA DELIVERY (check one):</p> <p><input checked="" type="checkbox"/> FAX <input type="checkbox"/> EMAIL <input type="checkbox"/> WEBSITE CLIENT</p> <p>Fax #: _____</p> <p>Email: _____</p> <p>Format: <input type="checkbox"/> EXCEL <input type="checkbox"/> PDF <input type="checkbox"/> GIS KEY <input type="checkbox"/> OTHER</p>																																																																																																																	
ANALYSIS REQUESTED																																																																																																																	
<table border="1"> <thead> <tr> <th colspan="2">Date Sampled</th> <th colspan="4">ONLY USE WHEN USING PUMPS</th> </tr> <tr> <th>Start</th> <th>Stop</th> <th>Total</th> <th>Flow Rate</th> <th>Volume</th> <th></th> </tr> <tr> <th>Date Time</th> <th>Date Time</th> <th>Minutes Sampled (L / Min.)</th> <th>Liters or M³</th> <th>Matrix Code*</th> <th></th> </tr> </thead> <tbody> <tr> <td>02/21/14 09:12</td> <td>02/28 1529</td> <td>5/5</td> <td>3005</td> <td></td> <td></td> </tr> <tr> <td>02/21/14 09:12</td> <td>02 1528</td> <td>5/5</td> <td>3005</td> <td></td> <td></td> </tr> <tr> <td>02/21/14 09:12</td> <td>03 1529</td> <td>5/5</td> <td>3005</td> <td></td> <td></td> </tr> <tr> <td>02/21/14 09:12</td> <td>04 1530</td> <td>5/5</td> <td>3005</td> <td></td> <td></td> </tr> <tr> <td>02/21/14 09:12</td> <td>05 0931</td> <td>5/5</td> <td>3005</td> <td></td> <td></td> </tr> <tr> <td>02/21/14 09:12</td> <td>06 0932</td> <td>5/5</td> <td>3005</td> <td></td> <td></td> </tr> <tr> <td colspan="6" style="text-align: right;">TO-10A/EPA Log Home</td> </tr> <tr> <td colspan="6"> <p>"Hg</p> <p>Please fill out completely, sign, date and retain the yellow copy for your record.</p> <p>Summa canisters and flow controllers must be returned within 14 days of receipt or rental fees will apply.</p> <p>Summa canisters will be retained for a minimum of 14 days after sampling date prior to cleaning.</p> </td> </tr> <tr> <td>Field ID</td> <td>Sample Description</td> <td>Media</td> <td>Lab #</td> <td>U R e</td> <td>S S e</td> </tr> <tr> <td>02/21/14</td> <td>Rm#12</td> <td>O1</td> <td>0928</td> <td>U R e</td> <td>U S e</td> </tr> <tr> <td>02/21/14</td> <td>library</td> <td>O2</td> <td>0928</td> <td>U R e</td> <td>U S e</td> </tr> <tr> <td>02/21/14</td> <td>hall by main office</td> <td>O3</td> <td>0929</td> <td>U R e</td> <td>U S e</td> </tr> <tr> <td>02/21/14</td> <td>band room (#11)</td> <td>O4</td> <td>0930</td> <td>U R e</td> <td>U S e</td> </tr> <tr> <td>02/21/14</td> <td>Rm#108</td> <td>O5</td> <td>0931</td> <td>U R e</td> <td>U S e</td> </tr> <tr> <td>02/21/14</td> <td>Rm#108</td> <td>O6</td> <td>0932</td> <td>U R e</td> <td>U S e</td> </tr> </tbody> </table>						Date Sampled		ONLY USE WHEN USING PUMPS				Start	Stop	Total	Flow Rate	Volume		Date Time	Date Time	Minutes Sampled (L / Min.)	Liters or M ³	Matrix Code*		02/21/14 09:12	02/28 1529	5/5	3005			02/21/14 09:12	02 1528	5/5	3005			02/21/14 09:12	03 1529	5/5	3005			02/21/14 09:12	04 1530	5/5	3005			02/21/14 09:12	05 0931	5/5	3005			02/21/14 09:12	06 0932	5/5	3005			TO-10A/EPA Log Home						<p>"Hg</p> <p>Please fill out completely, sign, date and retain the yellow copy for your record.</p> <p>Summa canisters and flow controllers must be returned within 14 days of receipt or rental fees will apply.</p> <p>Summa canisters will be retained for a minimum of 14 days after sampling date prior to cleaning.</p>						Field ID	Sample Description	Media	Lab #	U R e	S S e	02/21/14	Rm#12	O1	0928	U R e	U S e	02/21/14	library	O2	0928	U R e	U S e	02/21/14	hall by main office	O3	0929	U R e	U S e	02/21/14	band room (#11)	O4	0930	U R e	U S e	02/21/14	Rm#108	O5	0931	U R e	U S e	02/21/14	Rm#108	O6	0932	U R e	U S e
Date Sampled		ONLY USE WHEN USING PUMPS																																																																																																															
Start	Stop	Total	Flow Rate	Volume																																																																																																													
Date Time	Date Time	Minutes Sampled (L / Min.)	Liters or M ³	Matrix Code*																																																																																																													
02/21/14 09:12	02/28 1529	5/5	3005																																																																																																														
02/21/14 09:12	02 1528	5/5	3005																																																																																																														
02/21/14 09:12	03 1529	5/5	3005																																																																																																														
02/21/14 09:12	04 1530	5/5	3005																																																																																																														
02/21/14 09:12	05 0931	5/5	3005																																																																																																														
02/21/14 09:12	06 0932	5/5	3005																																																																																																														
TO-10A/EPA Log Home																																																																																																																	
<p>"Hg</p> <p>Please fill out completely, sign, date and retain the yellow copy for your record.</p> <p>Summa canisters and flow controllers must be returned within 14 days of receipt or rental fees will apply.</p> <p>Summa canisters will be retained for a minimum of 14 days after sampling date prior to cleaning.</p>																																																																																																																	
Field ID	Sample Description	Media	Lab #	U R e	S S e																																																																																																												
02/21/14	Rm#12	O1	0928	U R e	U S e																																																																																																												
02/21/14	library	O2	0928	U R e	U S e																																																																																																												
02/21/14	hall by main office	O3	0929	U R e	U S e																																																																																																												
02/21/14	band room (#11)	O4	0930	U R e	U S e																																																																																																												
02/21/14	Rm#108	O5	0931	U R e	U S e																																																																																																												
02/21/14	Rm#108	O6	0932	U R e	U S e																																																																																																												

Relinquished by: <u>Signature</u>	Date/Time: <u>6/3/14</u>	<u>Turnaround **</u>	<u>Special Requirements</u>	*Matrix Code: SG = SOIL GAS IA = INDOOR AIR	**Media Codes: S = summa can T = stellar bag
Received by: <u>Signature</u>	Date/Time: <u>6/3/14</u>	<input type="checkbox"/> 7-Day <input type="checkbox"/> 10-Day	Regulations: Data Enhancement/RCP? <input type="checkbox"/> Y <input type="checkbox"/> N		

*** 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.**



Phone: 413-525-2332 AIR SAMPLE CHAIN OF CUSTODY
RECORD EAST SPRUCE ST
FAX: 413-525-6405 39 SPRUCE ST
Email: info@contestlabs.com EAST LONGMEADOW, MA 01028
www.con-test.com Rev. Feb 2014

Company Name: A MC Environmental
Address: P.O. Box 423
Shrifaxd, CT 06014

Attention:

O'Shaun School

Project Location:
Sampled By:

Proposal Provided? (For Billing purposes)

yes proposal date

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

Date Sampled ONLY USE WHEN USING PUMPS

Start	Stop	Total	Flow Rate	Volume	Matrix	Matrix
Date	Date	Minutes	M/min or L/min	Liters or M ³	Code*	Code*
Time	Time	Sampled				
03/29/14	blank		07			
03/30/14	Rm 19		08	0921	1323	5/5
03/30/14	Rm 12		09	0922	1323	5/5
03/30/14	Rm 17 rear left		10	0923	1324	300S
03/30/14	Rm 17 front rt.		11	0924	1325	5/5 300S
03/30/14	Rm 12	12	0925	1326	5/6 320S.5	✓
03/30/14	Rm 13	13	0926	1327	5/5 300S	✓
03/30/14	Rm 13	14	0927	1328	5/5 300S	✓

Laboratory Comments:

CLIENT COMMENTS:

Requested by (Signature)	Date/Time:	Turnaround **	Special Requirements	*Matrix Code
<u>Steph Malpus</u>	6/3/14	<input checked="" type="checkbox"/> 7-Day	Regulations: _____	SG = SOIL GAS
Received by (signature)	Date/Time:	<input checked="" type="checkbox"/> 10-Day	Data Enhancement/RCP? <input type="checkbox"/> Y <input type="checkbox"/> N	I=A= INDOOR AIR
<u>Steph Malpus</u>	6/3/14	<input type="checkbox"/> Other _____	Enhanced Data Package <input type="checkbox"/> Y <input type="checkbox"/> N	T=tether bag
Renewed by (signature)	Date/Time:	<input checked="" type="checkbox"/> RUSH *	(Surcharge Applies) Required Detection Limits: <50 mg/m ³	P=PUF
<u>Steph Malpus</u>	6/3/14	<input type="checkbox"/> 24-Hr <input type="checkbox"/> 48-Hr	Other: _____	SS = SUB SLAB
Received by (signature)	Date/Time:	<input type="checkbox"/> 72-Hr <input type="checkbox"/> 4-Day	Total Hrs: _____	D = DUP
<u>Steph Malpus</u>	6/3/14	<input type="checkbox"/> Approval Required	Other: _____	BL = BLANK
				O = other

** TURNAROUND TIME STARTS AT 8:00 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. NELAC & AIHA-LAP, LLC Accredited/WBE/DBE Certified



www.contestlabs.com

CON-TEST[®]
ANALYTICAL LABORATORY

Page 1 of 2

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

AIR Only Receipt ChecklistCLIENT NAME: AMCRECEIVED BY: CCDATE: 6-3-141) Was the chain(s) of custody relinquished and signed? Yes No2) Does the chain agree with the samples?
If not, explain:3) Are all the samples in good condition?
If not, explain:4) Are there any samples "On Hold"? Yes No Stored where: _____5) Are there any RUSH or SHORT HOLDING TIME samples?
Who was notified _____ Date _____ Time _____6) Location where samples are stored: 19

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

7) Number of cans Individually Certified or Batch Certified?

Containers received at Con-Test

		# of Containers	Types (Size, Duration)
Summa Cans (TO-14/TO-15/APH)			
Tedlar Bags			
TO-17 Tubes			
Regulators			
Restrictors			
Hg/Hopcalite Tube (NIOSH 6009) (TO-4A/ TO-10A/TO-13) PUFs			
PCB Florisil Tubes (NIOSH 5503)		<u>18</u> <u>14</u> <u>CC 6-3-14</u>	<u>TO-10A</u>
Air cassette			
PM 2.5/PM 10			
TO-11A Cartridges			
Other			

Unused Summas/PUF Media:

Unused Regulators:

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

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

Laboratory Comments: <u>TO-10 LOT #S:</u>	<u>052914-01</u>	<u>" -05</u>	<u>" -76</u>	<u>" -22</u>
	<u>" -02</u>	<u>" -04</u>	<u>" -15</u>	<u>" -77</u>
	<u>" -03</u>	<u>" -07</u>	<u>" -13</u>	<u>" -18</u>
	<u>" -06</u>	<u>02132014-17</u>		

Page 2 of 2
Login Sample Receipt Checklist
(Rejection Criteria Listing - Using Sample Acceptance Policy)
Any False statement will be brought to the attention of Client

<u>Question</u>	<u>Answer (True/False)</u>	<u>Comment</u>
	T/F/NA	
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	3.8°
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requested analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	T	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Osborn Hill Elementary School
Fairfield, CT
Quarterly Testing
July 9, 2014
Page 7 of 7

LABORATORY RESULTS

PCB Wipe Sample Results

June 12, 2014

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

Project Location: Osborn School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 14F0067

Enclosed are results of analyses for samples received by the laboratory on June 3, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa A. Worthington
Project Manager

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

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14F0067

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

PROJECT LOCATION: Osborn School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
W0531-01/Blank	14F0067-01	Wipe		SW-846 8082A	
W0531-02/Blank	14F0067-02	Wipe		SW-846 8082A	
W0531-03	14F0067-03	Wipe	Room 119 Wall	SW-846 8082A	
W0531-04	14F0067-04	Wipe	Room 119 Floor	SW-846 8082A	
W0531-05	14F0067-05	Wipe	Room 122 Floor	SW-846 8082A	
W0531-06	14F0067-06	Wipe	Room 122 Table	SW-846 8082A	
W0531-07	14F0067-07	Wipe	Room 117 Wall	SW-846 8082A	
W0531-08	14F0067-08	Wipe	Room 117 Floor	SW-846 8082A	
W0531-09	14F0067-09	Wipe	Room 124 Wall	SW-846 8082A	
W0531-10	14F0067-10	Wipe	Room 124 Desk	SW-846 8082A	
W0531-11	14F0067-11	Wipe	Room 115 Desk	SW-846 8082A	
W0531-12	14F0067-12	Wipe	Room 115 Floor	SW-846 8082A	
W0531-13	14F0067-13	Wipe	Room 113 Floor	SW-846 8082A	
W0531-14	14F0067-14	Wipe	Room 113 Desk	SW-846 8082A	
W0531-15	14F0067-15	Wipe	Room 112 Floor	SW-846 8082A	
W0531-16	14F0067-16	Wipe	Room 112 Book	SW-846 8082A	
W0531-17	14F0067-17	Wipe	Cast Off Floor	SW-846 8082A	
W0531-19	14F0067-18	Wipe	Library Desk	SW-846 8082A	
W0531-20	14F0067-19	Wipe	Library Floor	SW-846 8082A	

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

Project Location: Osborn School

Sample Description:

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-01/Blank

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-01

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 21:49	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 21:49	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 21:49	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 21:49	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 21:49	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 21:49	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 21:49	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 21:49	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 21:49	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	88.4	30-150							6/4/14 21:49
Decachlorobiphenyl [2]	88.1	30-150							6/4/14 21:49
Tetrachloro-m-xylene [1]	104	30-150							6/4/14 21:49
Tetrachloro-m-xylene [2]	103	30-150							6/4/14 21:49

Project Location: Osborn School

Sample Description:

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-02/Blank

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-02

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:01	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:01	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:01	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:01	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:01	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:01	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:01	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:01	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:01	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	89.3	30-150							6/4/14 22:01
Decachlorobiphenyl [2]	88.5	30-150							6/4/14 22:01
Tetrachloro-m-xylene [1]	105	30-150							6/4/14 22:01
Tetrachloro-m-xylene [2]	105	30-150							6/4/14 22:01

Project Location: Osborn School

Sample Description: Room 119 Wall

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-03

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-03

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:13	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:13	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:13	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:13	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:13	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:13	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:13	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:13	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:13	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	90.2	30-150							6/4/14 22:13
Decachlorobiphenyl [2]	86.0	30-150							6/4/14 22:13
Tetrachloro-m-xylene [1]	102	30-150							6/4/14 22:13
Tetrachloro-m-xylene [2]	102	30-150							6/4/14 22:13

Project Location: Osborn School

Sample Description: Room 119 Floor

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-04

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-04

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:26	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:26	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:26	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:26	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:26	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:26	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:26	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:26	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:26	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	97.5	30-150							6/4/14 22:26
Decachlorobiphenyl [2]	89.7	30-150							6/4/14 22:26
Tetrachloro-m-xylene [1]	105	30-150							6/4/14 22:26
Tetrachloro-m-xylene [2]	105	30-150							6/4/14 22:26

Project Location: Osborn School

Sample Description: Room 122 Floor

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-05

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-05

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:38	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:38	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:38	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:38	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:38	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:38	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:38	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:38	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:38	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	91.8	30-150							6/4/14 22:38
Decachlorobiphenyl [2]	88.8	30-150							6/4/14 22:38
Tetrachloro-m-xylene [1]	103	30-150							6/4/14 22:38
Tetrachloro-m-xylene [2]	103	30-150							6/4/14 22:38

Project Location: Osborn School

Sample Description: Room 122 Table

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-06

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-06

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:51	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:51	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:51	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:51	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:51	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:51	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:51	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:51	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 22:51	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	90.6		30-150					6/4/14 22:51	
Decachlorobiphenyl [2]	84.5		30-150					6/4/14 22:51	
Tetrachloro-m-xylene [1]	101		30-150					6/4/14 22:51	
Tetrachloro-m-xylene [2]	102		30-150					6/4/14 22:51	

Project Location: Osborn School

Sample Description: Room 117 Wall

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-07

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-07

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:03	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:03	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:03	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:03	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:03	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:03	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:03	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:03	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:03	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	94.4	30-150							6/4/14 23:03
Decachlorobiphenyl [2]	87.8	30-150							6/4/14 23:03
Tetrachloro-m-xylene [1]	104	30-150							6/4/14 23:03
Tetrachloro-m-xylene [2]	105	30-150							6/4/14 23:03

Project Location: Osborn School

Sample Description: Room 117 Floor

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-08

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-08

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:15	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:15	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:15	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:15	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:15	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:15	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:15	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:15	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:15	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		92.3	30-150					6/4/14 23:15	
Decachlorobiphenyl [2]		85.8	30-150					6/4/14 23:15	
Tetrachloro-m-xylene [1]		102	30-150					6/4/14 23:15	
Tetrachloro-m-xylene [2]		103	30-150					6/4/14 23:15	

Project Location: Osborn School

Sample Description: Room 124 Wall

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-09

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-09

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:53	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:53	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:53	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:53	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:53	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:53	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:53	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:53	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/4/14 23:53	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	103	30-150							6/4/14 23:53
Decachlorobiphenyl [2]	97.6	30-150							6/4/14 23:53
Tetrachloro-m-xylene [1]	112	30-150							6/4/14 23:53
Tetrachloro-m-xylene [2]	112	30-150							6/4/14 23:53

Project Location: Osborn School

Sample Description: Room 124 Desk

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-10

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-10

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:05	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:05	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:05	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:05	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:05	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:05	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:05	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:05	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:05	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	94.8	30-150							6/5/14 0:05
Decachlorobiphenyl [2]	88.0	30-150							6/5/14 0:05
Tetrachloro-m-xylene [1]	105	30-150							6/5/14 0:05
Tetrachloro-m-xylene [2]	105	30-150							6/5/14 0:05

Project Location: Osborn School

Sample Description: Room 115 Desk

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-11

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-11

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:17	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:17	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:17	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:17	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:17	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:17	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:17	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:17	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:17	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	98.5	30-150							6/5/14 0:17
Decachlorobiphenyl [2]	91.5	30-150							6/5/14 0:17
Tetrachloro-m-xylene [1]	107	30-150							6/5/14 0:17
Tetrachloro-m-xylene [2]	104	30-150							6/5/14 0:17

Project Location: Osborn School

Sample Description: Room 115 Floor

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-12

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-12

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:30	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:30	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:30	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:30	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:30	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:30	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:30	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:30	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:30	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	93.6	30-150							6/5/14 0:30
Decachlorobiphenyl [2]	90.5	30-150							6/5/14 0:30
Tetrachloro-m-xylene [1]	105	30-150							6/5/14 0:30
Tetrachloro-m-xylene [2]	101	30-150							6/5/14 0:30

Project Location: Osborn School

Sample Description: Room 113 Floor

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-13

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-13

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:42	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:42	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:42	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:42	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:42	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:42	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:42	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:42	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:42	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		90.2	30-150					6/5/14 0:42	
Decachlorobiphenyl [2]		87.9	30-150					6/5/14 0:42	
Tetrachloro-m-xylene [1]		93.8	30-150					6/5/14 0:42	
Tetrachloro-m-xylene [2]		91.2	30-150					6/5/14 0:42	

Project Location: Osborn School

Sample Description: Room 113 Desk

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-14

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-14

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:54	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:54	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:54	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:54	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:54	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:54	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:54	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:54	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 0:54	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	69.1	30-150							6/5/14 0:54
Decachlorobiphenyl [2]	66.6	30-150							6/5/14 0:54
Tetrachloro-m-xylene [1]	69.9	30-150							6/5/14 0:54
Tetrachloro-m-xylene [2]	70.4	30-150							6/5/14 0:54

Project Location: Osborn School

Sample Description: Room 112 Floor

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-15

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-15

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:07	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:07	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:07	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:07	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:07	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:07	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:07	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:07	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:07	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	93.9	30-150							6/5/14 1:07
Decachlorobiphenyl [2]	90.3	30-150							6/5/14 1:07
Tetrachloro-m-xylene [1]	93.9	30-150							6/5/14 1:07
Tetrachloro-m-xylene [2]	94.0	30-150							6/5/14 1:07

Project Location: Osborn School

Sample Description: Room 112 Book

Work Order: 14F0067

Date Received: 6/3/2014

Sampled: 5/31/2014 00:00

Field Sample #: W0531-16

Sample ID: 14F0067-16

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:19	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:19	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:19	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:19	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:19	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:19	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:19	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:19	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:19	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	91.0	30-150							6/5/14 1:19
Decachlorobiphenyl [2]	88.3	30-150							6/5/14 1:19
Tetrachloro-m-xylene [1]	89.9	30-150							6/5/14 1:19
Tetrachloro-m-xylene [2]	90.3	30-150							6/5/14 1:19

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

Project Location: Osborn School

Sample Description: Cast Off Floor

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-17

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-17

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:32	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:32	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:32	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:32	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:32	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:32	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:32	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:32	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:32	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	98.9	30-150							6/5/14 1:32
Decachlorobiphenyl [2]	92.9	30-150							6/5/14 1:32
Tetrachloro-m-xylene [1]	105	30-150							6/5/14 1:32
Tetrachloro-m-xylene [2]	102	30-150							6/5/14 1:32

Project Location: Osborn School

Sample Description: Library Desk

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-19

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-18

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:44	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:44	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:44	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:44	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:44	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:44	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:44	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:44	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:44	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	91.2	30-150							6/5/14 1:44
Decachlorobiphenyl [2]	85.5	30-150							6/5/14 1:44
Tetrachloro-m-xylene [1]	95.4	30-150							6/5/14 1:44
Tetrachloro-m-xylene [2]	93.6	30-150							6/5/14 1:44

Project Location: Osborn School

Sample Description: Library Floor

Work Order: 14F0067

Date Received: 6/3/2014

Field Sample #: W0531-20

Sampled: 5/31/2014 00:00

Sample ID: 14F0067-19

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:56	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:56	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:56	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:56	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:56	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:56	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:56	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:56	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 1:56	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	89.5	30-150							6/5/14 1:56
Decachlorobiphenyl [2]	84.9	30-150							6/5/14 1:56
Tetrachloro-m-xylene [1]	94.2	30-150							6/5/14 1:56
Tetrachloro-m-xylene [2]	93.8	30-150							6/5/14 1:56

Sample Extraction Data
Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
14F0067-01 [W0531-01/Blank]	B096942	1.00	10.0	06/03/14
14F0067-02 [W0531-02/Blank]	B096942	1.00	10.0	06/03/14
14F0067-03 [W0531-03]	B096942	1.00	10.0	06/03/14
14F0067-04 [W0531-04]	B096942	1.00	10.0	06/03/14
14F0067-05 [W0531-05]	B096942	1.00	10.0	06/03/14
14F0067-06 [W0531-06]	B096942	1.00	10.0	06/03/14
14F0067-07 [W0531-07]	B096942	1.00	10.0	06/03/14
14F0067-08 [W0531-08]	B096942	1.00	10.0	06/03/14
14F0067-09 [W0531-09]	B096942	1.00	10.0	06/03/14
14F0067-10 [W0531-10]	B096942	1.00	10.0	06/03/14
14F0067-11 [W0531-11]	B096942	1.00	10.0	06/03/14
14F0067-12 [W0531-12]	B096942	1.00	10.0	06/03/14
14F0067-13 [W0531-13]	B096942	1.00	10.0	06/03/14
14F0067-14 [W0531-14]	B096942	1.00	10.0	06/03/14
14F0067-15 [W0531-15]	B096942	1.00	10.0	06/03/14
14F0067-16 [W0531-16]	B096942	1.00	10.0	06/03/14
14F0067-17 [W0531-17]	B096942	1.00	10.0	06/03/14
14F0067-18 [W0531-19]	B096942	1.00	10.0	06/03/14
14F0067-19 [W0531-20]	B096942	1.00	10.0	06/03/14

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 B096942 - SW-846 3540C

Blank (B096942-BLK1)									
Prepared: 06/03/14 Analyzed: 06/04/14									
Aroclor-1016	ND	0.20	µg/Wipe						
Aroclor-1016 [2C]	ND	0.20	µg/Wipe						
Aroclor-1221	ND	0.20	µg/Wipe						
Aroclor-1221 [2C]	ND	0.20	µg/Wipe						
Aroclor-1232	ND	0.20	µg/Wipe						
Aroclor-1232 [2C]	ND	0.20	µg/Wipe						
Aroclor-1242	ND	0.20	µg/Wipe						
Aroclor-1242 [2C]	ND	0.20	µg/Wipe						
Aroclor-1248	ND	0.20	µg/Wipe						
Aroclor-1248 [2C]	ND	0.20	µg/Wipe						
Aroclor-1254	ND	0.20	µg/Wipe						
Aroclor-1254 [2C]	ND	0.20	µg/Wipe						
Aroclor-1260	ND	0.20	µg/Wipe						
Aroclor-1260 [2C]	ND	0.20	µg/Wipe						
Aroclor-1262	ND	0.20	µg/Wipe						
Aroclor-1262 [2C]	ND	0.20	µg/Wipe						
Aroclor-1268	ND	0.20	µg/Wipe						
Aroclor-1268 [2C]	ND	0.20	µg/Wipe						
Surrogate: Decachlorobiphenyl	1.73		µg/Wipe	2.00		86.5		30-150	
Surrogate: Decachlorobiphenyl [2C]	1.71		µg/Wipe	2.00		85.4		30-150	
Surrogate: Tetrachloro-m-xylene	2.02		µg/Wipe	2.00		101		30-150	
Surrogate: Tetrachloro-m-xylene [2C]	1.98		µg/Wipe	2.00		99.1		30-150	

LCS (B096942-BS1)									
Prepared: 06/03/14 Analyzed: 06/04/14									
Aroclor-1016	0.47	0.20	µg/Wipe	0.500		93.1		40-140	
Aroclor-1016 [2C]	0.46	0.20	µg/Wipe	0.500		92.3		40-140	
Aroclor-1260	0.45	0.20	µg/Wipe	0.500		89.4		40-140	
Aroclor-1260 [2C]	0.40	0.20	µg/Wipe	0.500		80.1		40-140	
Surrogate: Decachlorobiphenyl	1.64		µg/Wipe	2.00		81.8		30-150	
Surrogate: Decachlorobiphenyl [2C]	1.63		µg/Wipe	2.00		81.5		30-150	
Surrogate: Tetrachloro-m-xylene	1.97		µg/Wipe	2.00		98.3		30-150	
Surrogate: Tetrachloro-m-xylene [2C]	1.96		µg/Wipe	2.00		98.1		30-150	

LCS Dup (B096942-BSD1)									
Prepared: 06/03/14 Analyzed: 06/04/14									
Aroclor-1016	0.50	0.20	µg/Wipe	0.500		99.4		40-140	6.60
Aroclor-1016 [2C]	0.49	0.20	µg/Wipe	0.500		98.5		40-140	6.51
Aroclor-1260	0.49	0.20	µg/Wipe	0.500		99.0		40-140	10.1
Aroclor-1260 [2C]	0.43	0.20	µg/Wipe	0.500		85.8		40-140	6.84
Surrogate: Decachlorobiphenyl	1.73		µg/Wipe	2.00		86.6		30-150	
Surrogate: Decachlorobiphenyl [2C]	1.72		µg/Wipe	2.00		86.0		30-150	
Surrogate: Tetrachloro-m-xylene	2.00		µg/Wipe	2.00		100		30-150	
Surrogate: Tetrachloro-m-xylene [2C]	1.99		µg/Wipe	2.00		99.6		30-150	

FLAG/QUALIFIER SUMMARY

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

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

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

CERTIFICATIONS
Certified Analyses included in this Report

Analyte	Certifications
No certified Analyses included in this Report	

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2014
CT	Connecticut Department of Public Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2014
FL	Florida Department of Health	E871027 NELAP	06/30/2014
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2014
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2014

CHAIN OF CUSTODY RECORD

 39 Spruce Street
 East Longmeadow, MA 01028

 Page 1 of 2

14F0067

ANALYTICAL LABORATORY

www.contestlabs.com

Rev 04.05.12

 Company Name: ANC Environmental
 Address: PO Box 423
 Stratford

 Telephone: _____
 Project #: _____

 Attention: _____
 Project Location: OSBORN SCHOOL
 Sampled By: _____

 Project Proposal Provided? (for billing purposes)
 Yes _____ proposal date
 DATA DELIVERY (check all that apply)
 Client PO#
 FAX #
 Email:
 Format:
 PDF
 EXCEL
 GIS
 OTHER
 "Enhanced Data Package"

 Collection
 Beginning Date/Time: _____ Ending Date/Time: _____
 Composite: _____ Grab: _____ Matrix Code: _____ Date/Time: _____

 *Matrix
 Date/Time: _____

Page 27 of 30 14F0067_1 Contest_Final 06 12 14 0541

 # 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=syringe 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

ANALYSIS REQUESTED									
01	W0531-01 / blank	5/31/14							
02	- 02 / blank								
03	- 03 / fm. 19 wall								
04	- 04 / fm. 19 floor								
05	- 05 / fm. 12 floor								
06	- 06 / fm. 12 floor								
07	- 07 / fm. 17 floor								
08	- 08 / fm. 17 floor								
09	- 09 / fm. 12 wall								
10	- 10 / fm. 12 desk								

Comments:

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

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

Reinforced by signature 	Date/Time: 6.3.14	Turnaround [†] 7-Day	Detection Limit Requirements Massachusetts:	Is your project MCP or RCP? <input type="radio"/> MCP Form Required <input type="radio"/> RCP Form Required <input checked="" type="radio"/> MA State DW Form Required PWSID # _____
Reinforced by signature 	Date/Time: 6.3.14	<input type="checkbox"/> 10-Day <input type="checkbox"/> Other _____	Connecticut: 2:1 PM	RUSH [†] Date/Time: 6.3.14 □ [†] 24-Hr □ [†] 48-Hr □ [†] 72-Hr □ [†] 4-Day
Received by: (signature) 	Date/Time: 6.3.14	Require lab approval Other: _____	 NELAC & AIHA-LAP, LLC Accredited WBE/DBE Certified	

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

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT



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

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page 2 of 2

Rev 04.05.12

14F0067

Box# 8882A

Company Name: FMC Telephone: _____

Address: _____

Attention: _____

Project Location: Office Project # _____

Sampled By: _____

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

DATA DELIVERY (check all that apply)
 FAX EMAIL WEBSITE

Client PO# _____
 Fax # _____
 Email: _____

Format: PDF EXCEL GIS
 OTHER _____

ANALYSIS REQUESTED
 Beginning Date/Time Composite Grab Faded Lab Date/Time

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

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection	Beginning Date/Time	Ending Date/Time	Composite	Grab	Faded	Lab Date/Time
11	<u>W0531-14/Rm.15 desk</u>	<u>5/14/14</u>						
12	<u>-12/Rm.15 floor</u>							
13	<u>-13/Rm.13 desk</u>							
14	<u>-14/Rm.12 book</u>							
15	<u>-15/Rm.12 floor</u>							
16	<u>-16/Rm.12 book</u>							
17	<u>-17/cust. off. floor</u>							
18	<u>-18/cust. off. floor</u>							
19	<u>-19/library desk</u>							
	<u>-20/library floor</u>							

Comments: _____

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

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

Relinquished by (Signature) <u>John W. Morris</u>	Date/Time: <u>6.3.14</u>	Turnaround [†]	Detection Limit Requirements	Is your project MCP or RCP?
Received by (Signature) <u>John W. Morris</u>	Date/Time: <u>6.3.14</u>	<input checked="" type="checkbox"/> 7-Day	Massachusetts:	<input type="radio"/> MCP Form Required <input type="radio"/> RCP Form Required
Relinquished by (Signature) <u>John W. Morris</u>	Date/Time: <u>6.3.14</u>	<input type="checkbox"/> 10-Day		<input type="radio"/> MA State DW Form Required PWSID # <u>140-00000000</u>
Received by (Signature) <u>John W. Morris</u>	Date/Time: <u>6.3.14</u>	<input type="checkbox"/> Other	Connecticut:	
RUSH : <u>✓</u> <input type="checkbox"/> 24-Hr <input type="checkbox"/> 48-Hr <input type="checkbox"/> 72-Hr <input type="checkbox"/> 4-Day <small>† Require lab approval</small>				
<small>ANALYSTS IN ACCORDANCE WITH THE ANALYTICAL TESTS AND METHODS STANDARDS OF THE AMERICAN SOCIETY FOR HAZARDOUS MATERIALS (ASHM), INC., AND THE ENVIRONMENTAL PROTECTION AGENCY (EPA). THIS FORM IS FOR USE IN CONDUCTING ANALYTICAL TESTS AND DETERMINING THE QUANTITY AND QUALITY OF SAMPLES.</small> NELAC & AIHA-LAP, LLC <small>Accredited</small> NELAC <small>WB/DOE Certified</small>				

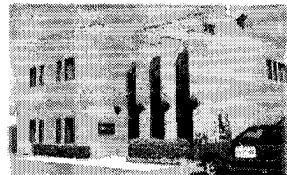
[†] TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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



Page 1 of 2



Sample Receipt Checklist

CLIENT NAME: AMC

RECEIVED BY: 10

DATE: 6-3-14

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

2) Does the chain agree with the samples?

If not, explain: * (see below)

3) Are all the samples in good condition?

If not, explain:

Yes No

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 3.8

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	<u>19C*</u>
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments: * "01/blank" and "02/Blank" are empty jars.

* 05 and 11 don't match the CoC, nor does 27

40 mL vials: # HCl _____ # Methanol _____

Time and Date Frozen:

Doc# 277

Bisulfate _____ # DI Water _____

Rev. 4 August 2013

Thiosulfate _____ Unpreserved

Page 2 of 2
Login Sample Receipt Checklist
(Rejection Criteria Listing - Using Sample Acceptance Policy)
Any False statement will be brought to the attention of Client

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

Who notified of False statements?

Doc #277 Rev. 4 August 2013

Log-In Technician Initials:

Date/Time:

Date/Time: 6.3.14 1640

June 12, 2014

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

Project Location: Osborn School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 14F0071

Enclosed are results of analyses for samples received by the laboratory on June 3, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa A. Worthington
Project Manager

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

REPORT DATE: 6/12/2014

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

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14F0071

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

PROJECT LOCATION: Osborn School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
W0531- 22	14F0071-01	Wipe	Library Book #1	SW-846 8082A	
W0531- 23	14F0071-02	Wipe	Library Book #2	SW-846 8082A	
W0531- 24	14F0071-03	Wipe	Library Book #3	SW-846 8082A	
W0531- 25	14F0071-04	Wipe	Library Book #4	SW-846 8082A	
W0531- 26	14F0071-05	Wipe	Hall Outside Office Floor	SW-846 8082A	
W0531- 27	14F0071-06	Wipe	Hall Outside Office Wall	SW-846 8082A	
W0531- 28	14F0071-07	Wipe	Special Ed. Desk	SW-846 8082A	
W0531- 29	14F0071-08	Wipe	Special Ed. Book Shelf	SW-846 8082A	
W0531- 30	14F0071-09	Wipe	Room 108 Floor	SW-846 8082A	
W0531- 31	14F0071-10	Wipe	Room 108 Wall	SW-846 8082A	

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

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

Project Location: Osborn School

Sample Description: Library Book #1

Work Order: 14F0071

Date Received: 6/3/2014

Field Sample #: W0531-22

Sampled: 5/31/2014 00:00

Sample ID: 14F0071-01

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 2:09	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 2:09	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 2:09	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 2:09	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 2:09	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 2:09	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 2:09	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 2:09	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/3/14	6/5/14 2:09	JMB
Surrogates	% Recovery	Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	90.4	30-150							6/5/14 2:09
Decachlorobiphenyl [2]	84.9	30-150							6/5/14 2:09
Tetrachloro-m-xylene [1]	96.5	30-150							6/5/14 2:09
Tetrachloro-m-xylene [2]	95.9	30-150							6/5/14 2:09

Project Location: Osborn School

Sample Description: Library Book #2

Work Order: 14F0071

Date Received: 6/3/2014

Field Sample #: W0531-23

Sampled: 5/31/2014 00:00

Sample ID: 14F0071-02

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 16:48	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 16:48	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 16:48	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 16:48	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 16:48	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 16:48	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 16:48	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 16:48	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 16:48	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	92.6	30-150							6/6/14 16:48
Decachlorobiphenyl [2]	86.3	30-150							6/6/14 16:48
Tetrachloro-m-xylene [1]	105	30-150							6/6/14 16:48
Tetrachloro-m-xylene [2]	105	30-150							6/6/14 16:48

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

Project Location: Osborn School

Sample Description: Library Book #3

Work Order: 14F0071

Date Received: 6/3/2014

Field Sample #: W0531-24

Sampled: 5/31/2014 00:00

Sample ID: 14F0071-03

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:00	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:00	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:00	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:00	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:00	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:00	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:00	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:00	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:00	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		85.8	30-150					6/6/14 17:00	
Decachlorobiphenyl [2]		81.8	30-150					6/6/14 17:00	
Tetrachloro-m-xylene [1]		94.8	30-150					6/6/14 17:00	
Tetrachloro-m-xylene [2]		95.8	30-150					6/6/14 17:00	

Project Location: Osborn School

Sample Description: Library Book #4

Work Order: 14F0071

Date Received: 6/3/2014

Field Sample #: W0531-25

Sampled: 5/31/2014 00:00

Sample ID: 14F0071-04

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:13	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:13	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:13	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:13	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:13	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:13	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:13	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:13	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:13	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		96.9	30-150					6/6/14 17:13	
Decachlorobiphenyl [2]		88.3	30-150					6/6/14 17:13	
Tetrachloro-m-xylene [1]		102	30-150					6/6/14 17:13	
Tetrachloro-m-xylene [2]		104	30-150					6/6/14 17:13	

Project Location: Osborn School

Sample Description: Hall Outside Office Floor

Work Order: 14F0071

Date Received: 6/3/2014

Field Sample #: W0531-26

Sampled: 5/31/2014 00:00

Sample ID: 14F0071-05

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:25	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:25	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:25	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:25	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:25	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:25	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:25	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:25	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:25	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	81.5	30-150							6/6/14 17:25
Decachlorobiphenyl [2]	77.3	30-150							6/6/14 17:25
Tetrachloro-m-xylene [1]	97.0	30-150							6/6/14 17:25
Tetrachloro-m-xylene [2]	98.2	30-150							6/6/14 17:25

Project Location: Osborn School

Sample Description: Hall Outside Office Wall

Work Order: 14F0071

Date Received: 6/3/2014

Field Sample #: W0531-27

Sampled: 5/31/2014 00:00

Sample ID: 14F0071-06

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:37	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:37	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:37	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:37	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:37	JMB
Aroclor-1254 [1]	1.7	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:37	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:37	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:37	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:37	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	95.5		30-150					6/6/14 17:37	
Decachlorobiphenyl [2]	89.6		30-150					6/6/14 17:37	
Tetrachloro-m-xylene [1]	107		30-150					6/6/14 17:37	
Tetrachloro-m-xylene [2]	109		30-150					6/6/14 17:37	

Project Location: Osborn School

Sample Description: Special Ed. Desk

Work Order: 14F0071

Date Received: 6/3/2014

Field Sample #: W0531- 28

Sampled: 5/31/2014 00:00

Sample ID: 14F0071-07

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:50	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:50	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:50	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:50	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:50	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:50	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:50	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:50	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 17:50	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	93.6	30-150							6/6/14 17:50
Decachlorobiphenyl [2]	88.0	30-150							6/6/14 17:50
Tetrachloro-m-xylene [1]	104	30-150							6/6/14 17:50
Tetrachloro-m-xylene [2]	106	30-150							6/6/14 17:50

Project Location: Osborn School

Sample Description: Special Ed. Book Shelf

Work Order: 14F0071

Date Received: 6/3/2014

Field Sample #: W0531- 29

Sampled: 5/31/2014 00:00

Sample ID: 14F0071-08

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:02	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:02	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:02	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:02	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:02	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:02	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:02	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:02	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:02	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	92.1	30-150							6/6/14 18:02
Decachlorobiphenyl [2]	86.8	30-150							6/6/14 18:02
Tetrachloro-m-xylene [1]	107	30-150							6/6/14 18:02
Tetrachloro-m-xylene [2]	108	30-150							6/6/14 18:02

Project Location: Osborn School

Sample Description: Room 108 Floor

Work Order: 14F0071

Date Received: 6/3/2014

Field Sample #: W0531- 30

Sampled: 5/31/2014 00:00

Sample ID: 14F0071-09

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:15	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:15	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:15	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:15	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:15	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:15	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:15	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:15	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:15	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	96.6	30-150							6/6/14 18:15
Decachlorobiphenyl [2]	90.9	30-150							6/6/14 18:15
Tetrachloro-m-xylene [1]	111	30-150							6/6/14 18:15
Tetrachloro-m-xylene [2]	114	30-150							6/6/14 18:15

Project Location: Osborn School

Sample Description: Room 108 Wall

Work Order: 14F0071

Date Received: 6/3/2014

Field Sample #: W0531-31

Sampled: 5/31/2014 00:00

Sample ID: 14F0071-10

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:27	JMB
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:27	JMB
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:27	JMB
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:27	JMB
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:27	JMB
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:27	JMB
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:27	JMB
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:27	JMB
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	6/5/14	6/6/14 18:27	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	94.8		30-150					6/6/14 18:27	
Decachlorobiphenyl [2]	89.0		30-150					6/6/14 18:27	
Tetrachloro-m-xylene [1]	106		30-150					6/6/14 18:27	
Tetrachloro-m-xylene [2]	109		30-150					6/6/14 18:27	

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
14F0071-01 [W0531- 22]	B096942	1.00	10.0	06/03/14

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

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
14F0071-02 [W0531- 23]	B097133	1.00	10.0	06/05/14
14F0071-03 [W0531- 24]	B097133	1.00	10.0	06/05/14
14F0071-04 [W0531- 25]	B097133	1.00	10.0	06/05/14
14F0071-05 [W0531- 26]	B097133	1.00	10.0	06/05/14
14F0071-06 [W0531- 27]	B097133	1.00	10.0	06/05/14
14F0071-07 [W0531- 28]	B097133	1.00	10.0	06/05/14
14F0071-08 [W0531- 29]	B097133	1.00	10.0	06/05/14
14F0071-09 [W0531- 30]	B097133	1.00	10.0	06/05/14
14F0071-10 [W0531- 31]	B097133	1.00	10.0	06/05/14

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 B096942 - SW-846 3540C

Blank (B096942-BLK1)									
Prepared: 06/03/14 Analyzed: 06/04/14									
Aroclor-1016	ND	0.20	µg/Wipe						
Aroclor-1016 [2C]	ND	0.20	µg/Wipe						
Aroclor-1221	ND	0.20	µg/Wipe						
Aroclor-1221 [2C]	ND	0.20	µg/Wipe						
Aroclor-1232	ND	0.20	µg/Wipe						
Aroclor-1232 [2C]	ND	0.20	µg/Wipe						
Aroclor-1242	ND	0.20	µg/Wipe						
Aroclor-1242 [2C]	ND	0.20	µg/Wipe						
Aroclor-1248	ND	0.20	µg/Wipe						
Aroclor-1248 [2C]	ND	0.20	µg/Wipe						
Aroclor-1254	ND	0.20	µg/Wipe						
Aroclor-1254 [2C]	ND	0.20	µg/Wipe						
Aroclor-1260	ND	0.20	µg/Wipe						
Aroclor-1260 [2C]	ND	0.20	µg/Wipe						
Aroclor-1262	ND	0.20	µg/Wipe						
Aroclor-1262 [2C]	ND	0.20	µg/Wipe						
Aroclor-1268	ND	0.20	µg/Wipe						
Aroclor-1268 [2C]	ND	0.20	µg/Wipe						
Surrogate: Decachlorobiphenyl	1.73		µg/Wipe	2.00		86.5		30-150	
Surrogate: Decachlorobiphenyl [2C]	1.71		µg/Wipe	2.00		85.4		30-150	
Surrogate: Tetrachloro-m-xylene	2.02		µg/Wipe	2.00		101		30-150	
Surrogate: Tetrachloro-m-xylene [2C]	1.98		µg/Wipe	2.00		99.1		30-150	

LCS (B096942-BS1)									
Prepared: 06/03/14 Analyzed: 06/04/14									
Aroclor-1016	0.47	0.20	µg/Wipe	0.500		93.1		40-140	
Aroclor-1016 [2C]	0.46	0.20	µg/Wipe	0.500		92.3		40-140	
Aroclor-1260	0.45	0.20	µg/Wipe	0.500		89.4		40-140	
Aroclor-1260 [2C]	0.40	0.20	µg/Wipe	0.500		80.1		40-140	
Surrogate: Decachlorobiphenyl	1.64		µg/Wipe	2.00		81.8		30-150	
Surrogate: Decachlorobiphenyl [2C]	1.63		µg/Wipe	2.00		81.5		30-150	
Surrogate: Tetrachloro-m-xylene	1.97		µg/Wipe	2.00		98.3		30-150	
Surrogate: Tetrachloro-m-xylene [2C]	1.96		µg/Wipe	2.00		98.1		30-150	

LCS Dup (B096942-BSD1)									
Prepared: 06/03/14 Analyzed: 06/04/14									
Aroclor-1016	0.50	0.20	µg/Wipe	0.500		99.4		40-140	6.60
Aroclor-1016 [2C]	0.49	0.20	µg/Wipe	0.500		98.5		40-140	6.51
Aroclor-1260	0.49	0.20	µg/Wipe	0.500		99.0		40-140	10.1
Aroclor-1260 [2C]	0.43	0.20	µg/Wipe	0.500		85.8		40-140	6.84
Surrogate: Decachlorobiphenyl	1.73		µg/Wipe	2.00		86.6		30-150	
Surrogate: Decachlorobiphenyl [2C]	1.72		µg/Wipe	2.00		86.0		30-150	
Surrogate: Tetrachloro-m-xylene	2.00		µg/Wipe	2.00		100		30-150	
Surrogate: Tetrachloro-m-xylene [2C]	1.99		µg/Wipe	2.00		99.6		30-150	

QUALITY CONTROL
Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	---------	-----------	-------

Batch B097133 - SW-846 3540C

Blank (B097133-BLK1)										Prepared: 06/05/14 Analyzed: 06/06/14
Aroclor-1016	ND	0.20	µg/Wipe							
Aroclor-1016 [2C]	ND	0.20	µg/Wipe							
Aroclor-1221	ND	0.20	µg/Wipe							
Aroclor-1221 [2C]	ND	0.20	µg/Wipe							
Aroclor-1232	ND	0.20	µg/Wipe							
Aroclor-1232 [2C]	ND	0.20	µg/Wipe							
Aroclor-1242	ND	0.20	µg/Wipe							
Aroclor-1242 [2C]	ND	0.20	µg/Wipe							
Aroclor-1248	ND	0.20	µg/Wipe							
Aroclor-1248 [2C]	ND	0.20	µg/Wipe							
Aroclor-1254	ND	0.20	µg/Wipe							
Aroclor-1254 [2C]	ND	0.20	µg/Wipe							
Aroclor-1260	ND	0.20	µg/Wipe							
Aroclor-1260 [2C]	ND	0.20	µg/Wipe							
Aroclor-1262	ND	0.20	µg/Wipe							
Aroclor-1262 [2C]	ND	0.20	µg/Wipe							
Aroclor-1268	ND	0.20	µg/Wipe							
Aroclor-1268 [2C]	ND	0.20	µg/Wipe							
Surrogate: Decachlorobiphenyl	1.83		µg/Wipe	2.00		91.7		30-150		
Surrogate: Decachlorobiphenyl [2C]	1.73		µg/Wipe	2.00		86.7		30-150		
Surrogate: Tetrachloro-m-xylene	2.04		µg/Wipe	2.00		102		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	2.05		µg/Wipe	2.00		103		30-150		

LCS (B097133-BS1)										Prepared: 06/05/14 Analyzed: 06/06/14
Aroclor-1016	0.48	0.20	µg/Wipe	0.500		96.9		40-140		
Aroclor-1016 [2C]	0.48	0.20	µg/Wipe	0.500		96.3		40-140		
Aroclor-1260	0.48	0.20	µg/Wipe	0.500		95.6		40-140		
Aroclor-1260 [2C]	0.42	0.20	µg/Wipe	0.500		83.2		40-140		
Surrogate: Decachlorobiphenyl	1.70		µg/Wipe	2.00		84.8		30-150		
Surrogate: Decachlorobiphenyl [2C]	1.61		µg/Wipe	2.00		80.7		30-150		
Surrogate: Tetrachloro-m-xylene	1.89		µg/Wipe	2.00		94.4		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	1.95		µg/Wipe	2.00		97.6		30-150		

LCS Dup (B097133-BSD1)										Prepared: 06/05/14 Analyzed: 06/06/14
Aroclor-1016	0.53	0.20	µg/Wipe	0.500		106		40-140	9.20	30
Aroclor-1016 [2C]	0.51	0.20	µg/Wipe	0.500		102		40-140	5.43	30
Aroclor-1260	0.52	0.20	µg/Wipe	0.500		105		40-140	9.02	30
Aroclor-1260 [2C]	0.45	0.20	µg/Wipe	0.500		90.8		40-140	8.79	30
Surrogate: Decachlorobiphenyl	1.82		µg/Wipe	2.00		90.8		30-150		
Surrogate: Decachlorobiphenyl [2C]	1.74		µg/Wipe	2.00		87.2		30-150		
Surrogate: Tetrachloro-m-xylene	1.84		µg/Wipe	2.00		92.1		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	1.89		µg/Wipe	2.00		94.7		30-150		

FLAG/QUALIFIER SUMMARY

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

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

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

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
No certified Analyses included in this Report	

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2014
CT	Connecticut Department of Public Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2014
FL	Florida Department of Health	E871027 NELAP	06/30/2014
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2014
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2014



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

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page 3 of B

14F0071
Rev 04.05.12

Company Name: AMC Telephone: _____
Address: _____
Attention: _____
Project Location: DOBORN
Sampled By: _____

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

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Project # _____						ANALYSIS REQUESTED	# of Containers ** Preservation *** Container Code
		Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix	Date/Time		
S1	-24 library book #1								
S2	-24 library book #2								
S3	-24 library book #3								
S4	25 library book #4								
S5	-24 walls office per								
S6	-27 walls office wall								
S7	-28 spec.ed. desk								
S8	-29 spec.ed. bed/Slab								
S9	-30 floor, 10B floor								
Comments: _____									
<p>Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:</p> <p>H - High; M - Medium; L - Low; C - Clean; U - Unknown</p>									
<p>Relinquished by: <u>John DeMars</u> Date/Time: <u>6.3.14</u></p> <p>Received by: <u>John DeMars</u> Date/Time: <u>6.3.14</u></p> <p>Relinquished by: <u>John DeMars</u> Date/Time: <u>6.3.14</u></p> <p>Received by: <u>John DeMars</u> Date/Time: <u>6.3.14</u></p>		<p>Turnaround ^{††}</p> <p><input checked="" type="checkbox"/> 7-Day</p> <p><input type="checkbox"/> 10-Day</p> <p><input type="checkbox"/> Other _____</p>		<p>Detection Limit Requirements</p> <p>Massachusetts: _____</p> <p>Connecticut: <u>CT PDRM</u></p>		<p>Is your project MCP or RCP?</p> <p><input type="radio"/> MCP Form Required</p> <p><input type="radio"/> RCP Form Required</p> <p><input type="radio"/> MA State DW Form Required PWSID# _____</p> <p><input checked="" type="checkbox"/> RUSH [†]</p> <p><small>Accepted Submission Accepted Submission Accepted Submission Accepted Submission</small></p> <p><small>MA LAC, LLC NELAC & AIHA-LAP, LLC Accredited</small></p>			
<p>^{††} 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.</p> <p>PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT</p>									

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



Page 1 of 2

Sample Receipt Checklist



CLIENT NAME: AMC

RECEIVED BY: 10

DATE: 6-3-14

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

2) Does the chain agree with the samples?

If not, explain: * (see below)

3) Are all the samples in good condition?

If not, explain:

Yes No

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

3.8

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		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments: * "01/blank" and "02/Blank" are empty jars.

* 05 and 11 don't match the CoC, nor does 27

40 mL vials: # HCl _____	# Methanol _____	Time and Date Frozen: _____
Doc# 277 # Bisulfate _____	# DI Water _____	
Rev. 4 August 2013 # Thiosulfate _____	Unpreserved _____	

Page 2 of 2
Login Sample Receipt Checklist
(Rejection Criteria Listing - Using Sample Acceptance Policy)
Any False statement will be brought to the attention of Client

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

Who notified of False statements?

Doc #277 Rev. 4 August 2013

Log-In Technician Initials:

Date/Time:

Date/Time: 6.3.14 1640