Fairfield Public Schools
Fairfield, CT 06825

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

FROM: Salvatore Morabito

DATE: March 21, 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 March 1, 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 documented levels well below the EPA recommended limits and that the inspection of the encapsulated surfaces shows them to be intact and effective.

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

If you have any questions or concerns regarding the specialized cleaning or the PCB testing, please feel free to contact me at (203) 255-7363.

Thank you.

c: Meg Brown
Central Office Administration
Sands Cleary

ENVIRONMENTAL, LLC

AMC
Environmental,
LLC

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

P.O Box 423
Stratford, CT
06615

March 20, 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
February 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 March 1, 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 eleven (11) 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 101, 109, 116, 120, 125 girl's and boy's toilet room near room 125, corridor outside 107, faculty room, 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.

PCB Wipe Sampling

PCB in wipe sampling was conducted on twenty-seven (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 twelve (12) PCB air samples were obtained from selected areas throughout the building. All twelve (12) samples documented concentrations below the EPA recommended 300 ng/m^3 threshold for children over the age of six. A more conservative threshold of 100 ng/m^3 is the EPA recommended limit for kindergarten areas (<6 years old) within the school. Based on the analytical results, the air samples collected in all the areas documented **acceptable** levels of PCB in the air, below the 100 ng/^{3} 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
PA030101	Room 101	20
PA030102	Room 109	20
PA030103	Room 116	13
PA030104	Room 120	16
PA030105	Room 125	19
PA030106	Girls Toilet Room near 125	36
PA030107	Boys Toilet Room near 125	35
PA030108	Corridor outside Room 107	25
PA030109	Faculty Room	46
PA030110	Library	84
PA030111	Custodial Closet/Storage Rm	87
PA030312	Field Blank	ND

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. All twenty-seven (27) samples documented levels below the 1 µg/100 cm^2 criteria for surfaces within dermal contact established by EPA and the CT DEEP. Therefore, the PCB wipe samples 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 µg/100cm^2
PW0301-01	Room 101	Floor	ND
PW0301-02	Room 101	Wall	ND
PW0301-03	Room 109	Desk	ND
PW0301-04	Room 109	Bookshelf	ND
PW0301-05	Room 116	Floor	ND
PW0301-06	Room 116	Book	ND
PW0301-07	Room 120	Floor	ND
PW0301-08	Room 120	Desk	ND
PW0301-09	Room 125	Desk	ND
PW0301-10	Room 125	Floor	ND
PW0301-11	Boys Toilet Room	Wall	ND
PW0301-12	Boys Toilet Room	Floor	0.40
PW0301-13	Girls Toilet Room	Wall	ND
PW0301-14	Girls Toilet Room	Floor	0.27
PW0301-15	Corridor o/s Room 107	Floor	ND
PW0301-16	Corridor o/s Room 107	Wall	ND
PW0301-17	Faculty Room	Floor	ND
PW0301-18	Faculty Room	Table	ND
PW0301-19	Library	Floor	ND
PW0301-20	Library	Desk	ND
PW0301-21	Library	Book #1	ND
PW0301-22	Library	Book #2	ND
PW0301-23	Library	Book #3	ND
PW0301-24	Library	Book #4	ND
PW0301-25	Custodial Closet	Floor	ND
PW0301-26	Field Blank	n/a	ND
PW0301-27	Field Blank	n/a	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. Both areas were thoroughly inspected to ensure that the engineering controls remain intact and effective. The inspection revealed that all encapsulated surfaces appear 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 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 ng/m^3 threshold for elementary school children, and less than 100 ng/m^3 required for children under the age of 6 years old. All areas sampled except for the boy's and girl's toilet rooms did not document presence of PCB's. The floor samples from the boys and girls toilet rooms documented detectable amounts of PCB; however the levels were below the 1 µg/100 cm^2 standard used for high occupancy areas. 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 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. This paperwork is usually due prior to the beginning of the new fiscal year in July.

Very truly,

Jason Pringle

LABORATORY RESULTS

PCB Air Sample Results

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

March 19, 2014

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

Project Location: Osborn
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 14C0112

Enclosed are results of analyses for samples received by the laboratory on March 5, 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

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

REPORT DATE: 3/19/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14C0112

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

PROJECT LOCATION: Osborn

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
PA 0301-01	14C0112-01	Air	Rm 101	TO-10A/EPA 680 Modified	
PA 0301-02	14C0112-02	Air	Rm 109	TO-10A/EPA 680 Modified	
PA 0301-03	14C0112-03	Air	Rm 116	TO-10A/EPA 680 Modified	
PA 0301-04	14C0112-04	Air	Rm 120	TO-10A/EPA 680 Modified	
PA 0301-05	14C0112-05	Air	Rm 125	TO-10A/EPA 680 Modified	
PA 0301-06	14C0112-06	Air	girls toilet by 125	TO-10A/EPA 680 Modified	
PA 0301-07	14C0112-07	Air	boys toilet by 125	TO-10A/EPA 680 Modified	
PA 0301-08	14C0112-08	Air	corridor o/s 107	TO-10A/EPA 680 Modified	
PA 0301-09	14C0112-09	Air	faculty room	TO-10A/EPA 680 Modified	
PA 0301-10	14C0112-10	Air	library	TO-10A/EPA 680 Modified	
PA 0301-11	14C0112-11	Air	custodial closet/storage	TO-10A/EPA 680 Modified	
PA 0301-12	14C0112-12	Air	field blank	TO-10A/EPA 680 Modified	

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CASE NARRATIVE SUMMARY

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

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

Michael A. Erickson
Laboratory Director

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ANALYTICAL RESULTS

Project Location: Osborn
Date Received: 3/5/2014
Field Sample #: PA 0301-01
Sample ID: 14C0112-01
Sample Matrix: Air
Sampled: 3/1/2014 17:36

Sample Description/Location: Rm 101
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1805

Work Order: 14C0112

TO-10A/EPA 680 Modified

Analyte	Total µg Results	Total µg RL	Flag/Qual	ug/m3 Results	ug/m3 RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00055	1	3/11/14 12:01	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00055	1	3/11/14 12:01	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00055	1	3/11/14 12:01	CJM
Tetrachlorobiphenyls	0.012	0.0020		0.0067	0.0011	1	3/11/14 12:01	CJM
Pentachlorobiphenyls	0.021	0.0020		0.012	0.0011	1	3/11/14 12:01	CJM
Hexachlorobiphenyls	0.0036	0.0020		0.002	0.0011	1	3/11/14 12:01	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 12:01	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 12:01	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	3/11/14 12:01	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	3/11/14 12:01	CJM
Total Polychlorinated biphenyls	0.037			0.020		1	3/11/14 12:01	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	92.5	50-125	3/11/14 12:01

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ANALYTICAL RESULTS

Project Location: Osborn
Date Received: 3/5/2014
Field Sample #: PA 0301-02
Sample ID: 14C0112-02
Sample Matrix: Air
Sampled: 3/1/2014 17:37

Sample Description/Location: Rm 109
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1800

Work Order: 14C0112

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag/Qual	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 12:31	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 12:31	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 12:31	CJM
Tetrachlorobiphenyls	0.013	0.0020		0.0072	0.0011	1	3/11/14 12:31	CJM
Pentachlorobiphenyls	0.023	0.0020		0.013	0.0011	1	3/11/14 12:31	CJM
Hexachlorobiphenyls	ND	0.0020		ND	0.0011	1	3/11/14 12:31	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 12:31	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 12:31	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	3/11/14 12:31	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	3/11/14 12:31	CJM
Total Polychlorinated biphenyls	0.036			0.020		1	3/11/14 12:31	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	106	50-125	3/11/14 12:31

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ANALYTICAL RESULTS

Project Location: Osborn
Date Received: 3/5/2014
Field Sample #: PA 0301-03
Sample ID: 14C0112-03
Sample Matrix: Air
Sampled: 3/1/2014 17:52

Sample Description/Location: Rm 116
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1800

Work Order: 14C0112

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag/Qual	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 13:01	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 13:01	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 13:01	CJM
Tetrachlorobiphenyls	0.0074	0.0020		0.0041	0.0011	1	3/11/14 13:01	CJM
Pentachlorobiphenyls	0.016	0.0020		0.0092	0.0011	1	3/11/14 13:01	CJM
Hexachlorobiphenyls	ND	0.0020		ND	0.0011	1	3/11/14 13:01	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 13:01	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 13:01	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	3/11/14 13:01	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	3/11/14 13:01	CJM
Total Polychlorinated biphenyls	0.024			0.013		1	3/11/14 13:01	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	89.3	50-125	3/11/14 13:01

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ANALYTICAL RESULTS

Project Location: Osborn
Date Received: 3/5/2014
Field Sample #: PA 0301-04
Sample ID: 14C0112-04
Sample Matrix: Air
Sampled: 3/1/2014 17:54

Sample Description/Location: Rm 120
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1800

Work Order: 14C0112

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag/Qual	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 13:31	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 13:31	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 13:31	CJM
Tetrachlorobiphenyls	0.010	0.0020		0.0058	0.0011	1	3/11/14 13:31	CJM
Pentachlorobiphenyls	0.017	0.0020		0.0093	0.0011	1	3/11/14 13:31	CJM
Hexachlorobiphenyls	0.0022	0.0020		0.0012	0.0011	1	3/11/14 13:31	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 13:31	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 13:31	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	3/11/14 13:31	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	3/11/14 13:31	CJM
Total Polychlorinated biphenyls	0.029			0.016		1	3/11/14 13:31	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	96.6	50-125	3/11/14 13:31

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ANALYTICAL RESULTS

Project Location: Osborn
Date Received: 3/5/2014
Field Sample #: PA 0301-05
Sample ID: 14C0112-05
Sample Matrix: Air
Sampled: 3/1/2014 17:50

Sample Description/Location: Rm 125
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1800

Work Order: 14C0112

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag/Qual	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 14:01	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 14:01	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 14:01	CJM
Tetrachlorobiphenyls	0.0074	0.0020		0.0041	0.0011	1	3/11/14 14:01	CJM
Pentachlorobiphenyls	0.024	0.0020		0.013	0.0011	1	3/11/14 14:01	CJM
Hexachlorobiphenyls	0.0024	0.0020		0.0014	0.0011	1	3/11/14 14:01	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 14:01	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 14:01	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	3/11/14 14:01	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	3/11/14 14:01	CJM
Total Polychlorinated biphenyls	0.033			0.019		1	3/11/14 14:01	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	88.0	50-125	3/11/14 14:01

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ANALYTICAL RESULTS

Project Location: Osborn
Date Received: 3/5/2014
Field Sample #: PA 0301-06
Sample ID: 14C0112-06
Sample Matrix: Air
Sampled: 3/1/2014 17:49

Sample Description/Location: girls toilet by 125
Sub Description/Location:

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

Work Order: 14C0112

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag/Qual	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 14:31	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 14:31	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 14:31	CJM
Tetrachlorobiphenyls	0.018	0.0020		0.010	0.0011	1	3/11/14 14:31	CJM
Pentachlorobiphenyls	0.038	0.0020		0.021	0.0011	1	3/11/14 14:31	CJM
Hexachlorobiphenyls	0.0090	0.0020		0.005	0.0011	1	3/11/14 14:31	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 14:31	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 14:31	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	3/11/14 14:31	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	3/11/14 14:31	CJM
Total Polychlorinated biphenyls	0.065			0.036		1	3/11/14 14:31	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	95.0	50-125	3/11/14 14:31

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ANALYTICAL RESULTS

Project Location: Osborn
Date Received: 3/5/2014
Field Sample #: PA 0301-07
Sample ID: 14C0112-07
Sample Matrix: Air
Sampled: 3/1/2014 17:48

Sample Description/Location: boys toilet by 125
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1800

Work Order: 14C0112

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag/Qual	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 15:01	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 15:01	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 15:01	CJM
Tetrachlorobiphenyls	0.017	0.0020		0.0094	0.0011	1	3/11/14 15:01	CJM
Pentachlorobiphenyls	0.038	0.0020		0.021	0.0011	1	3/11/14 15:01	CJM
Hexachlorobiphenyls	0.0083	0.0020		0.0046	0.0011	1	3/11/14 15:01	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 15:01	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 15:01	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	3/11/14 15:01	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	3/11/14 15:01	CJM
Total Polychlorinated biphenyls	0.063			0.035		1	3/11/14 15:01	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	84.8	50-125	3/11/14 15:01

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ANALYTICAL RESULTS

Project Location: Osborn
Date Received: 3/5/2014
Field Sample #: PA 0301-08
Sample ID: 14C0112-08
Sample Matrix: Air
Sampled: 3/1/2014 17:39

Sample Description/Location: corridor o/s 107
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1800

Work Order: 14C0112

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag/Qual	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 15:30	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 15:30	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 15:30	CJM
Tetrachlorobiphenyls	0.010	0.0020		0.0057	0.0011	1	3/11/14 15:30	CJM
Pentachlorobiphenyls	0.030	0.0020		0.017	0.0011	1	3/11/14 15:30	CJM
Hexachlorobiphenyls	0.0048	0.0020		0.0027	0.0011	1	3/11/14 15:30	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 15:30	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 15:30	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	3/11/14 15:30	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	3/11/14 15:30	CJM
Total Polychlorinated biphenyls	0.045			0.025		1	3/11/14 15:30	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	76.2	50-125	3/11/14 15:30

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

ANALYTICAL RESULTS

Project Location: Osborn
Date Received: 3/5/2014
Field Sample #: PA 0301-09
Sample ID: 14C0112-09
Sample Matrix: Air
Sampled: 3/1/2014 17:41

Sample Description/Location: faculty room
Sub Description/Location:

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

Work Order: 14C0112

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag/Qual	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 16:00	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 16:00	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 16:00	CJM
Tetrachlorobiphenyls	0.019	0.0020		0.011	0.0011	1	3/11/14 16:00	CJM
Pentachlorobiphenyls	0.056	0.0020		0.031	0.0011	1	3/11/14 16:00	CJM
Hexachlorobiphenyls	0.0083	0.0020		0.0046	0.0011	1	3/11/14 16:00	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 16:00	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 16:00	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	3/11/14 16:00	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	3/11/14 16:00	CJM
Total Polychlorinated biphenyls	0.083			0.046		1	3/11/14 16:00	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	97.9	50-125	3/11/14 16:00

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

ANALYTICAL RESULTS

Project Location: Osborn
Date Received: 3/5/2014
Field Sample #: PA 0301-10
Sample ID: 14C0112-10
Sample Matrix: Air
Sampled: 3/1/2014 17:43

Sample Description/Location: library
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1800

Work Order: 14C0112

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag/Qual	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 16:30	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 16:30	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 16:30	CJM
Tetrachlorobiphenyls	0.042	0.0020		0.023	0.0011	1	3/11/14 16:30	CJM
Pentachlorobiphenyls	0.096	0.0020		0.053	0.0011	1	3/11/14 16:30	CJM
Hexachlorobiphenyls	0.013	0.0020		0.0075	0.0011	1	3/11/14 16:30	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 16:30	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 16:30	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	3/11/14 16:30	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	3/11/14 16:30	CJM
Total Polychlorinated biphenyls	0.15			0.084		1	3/11/14 16:30	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	89.5	50-125	3/11/14 16:30

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

ANALYTICAL RESULTS

Project Location: Osborn
Date Received: 3/5/2014
Field Sample #: PA 0301-11
Sample ID: 14C0112-11
Sample Matrix: Air
Sampled: 3/1/2014 17:45

Sample Description/Location: custodial closet/storage
Sub Description/Location:
Flow Controller ID:
Sample Type:
Air Volume L: 1800

Work Order: 14C0112

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag/Qual	ug/m3 Results	RL	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 17:00	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 17:00	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	3/11/14 17:00	CJM
Tetrachlorobiphenyls	0.044	0.0020		0.024	0.0011	1	3/11/14 17:00	CJM
Pentachlorobiphenyls	0.097	0.0020		0.054	0.0011	1	3/11/14 17:00	CJM
Hexachlorobiphenyls	0.016	0.0020		0.0091	0.0011	1	3/11/14 17:00	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 17:00	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	3/11/14 17:00	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	3/11/14 17:00	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	3/11/14 17:00	CJM
Total Polychlorinated biphenyls	0.16			0.087		1	3/11/14 17:00	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	93.7	50-125	3/11/14 17:00

con-test® ANALYTICAL LABORATORY
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ANALYTICAL RESULTS

Project Location: Osborn
Date Received: 3/5/2014
Field Sample #: PA 0301-12
Sample ID: 14C0112-12
Sample Matrix: Air
Sampled: 3/1/2014 00:00

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

Work Order: 14C0112

TO-10A/EPA 680 Modified

Analyte	Total µg Results	RL	Flag/Qual	Dilution	Date/Time Analyzed	Analyst
Monochlorobiphenyls	ND	0.0010		1	3/11/14 17:30	CJM
Dichlorobiphenyls	ND	0.0010		1	3/11/14 17:30	CJM
Trichlorobiphenyls	ND	0.0010		1	3/11/14 17:30	CJM
Tetrachlorobiphenyls	ND	0.0020		1	3/11/14 17:30	CJM
Pentachlorobiphenyls	ND	0.0020		1	3/11/14 17:30	CJM
Hexachlorobiphenyls	ND	0.0020		1	3/11/14 17:30	CJM
Heptachlorobiphenyls	ND	0.0030		1	3/11/14 17:30	CJM
Octachlorobiphenyls	ND	0.0030		1	3/11/14 17:30	CJM
Nonachlorobiphenyls	ND	0.0050		1	3/11/14 17:30	CJM
Decachlorobiphenyl	ND	0.0050		1	3/11/14 17:30	CJM
Total Polychlorinated biphenyls	0.0			1	3/11/14 17:30	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	100	50-125	3/11/14 17:30

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

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [Cartridge	Final [mL]	Date
14C0112-01 [PA 0301-01]	B091380	1.00	1.00	03/06/14
14C0112-02 [PA 0301-02]	B091380	1.00	1.00	03/06/14
14C0112-03 [PA 0301-03]	B091380	1.00	1.00	03/06/14
14C0112-04 [PA 0301-04]	B091380	1.00	1.00	03/06/14
14C0112-05 [PA 0301-05]	B091380	1.00	1.00	03/06/14
14C0112-06 [PA 0301-06]	B091380	1.00	1.00	03/06/14
14C0112-07 [PA 0301-07]	B091380	1.00	1.00	03/06/14
14C0112-08 [PA 0301-08]	B091380	1.00	1.00	03/06/14
14C0112-09 [PA 0301-09]	B091380	1.00	1.00	03/06/14
14C0112-10 [PA 0301-10]	B091380	1.00	1.00	03/06/14
14C0112-11 [PA 0301-11]	B091380	1.00	1.00	03/06/14
14C0112-12 [PA 0301-12]	B091380	1.00	1.00	03/06/14

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

QUALITY CONTROL

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

Analyte	Total µg Results	Total µg RL	ug/m3 Results	ug/m3 RL	Spike Level Total µg	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag/Qual
Batch B091380 - SW-846 3540C											
Blank (B091380-BLK2)					Prepared: 03/05/14 Analyzed: 03/11/14						
Monochlorobiphenyls	ND	0.0010									
Dichlorobiphenyls	ND	0.0010									
Trichlorobiphenyls	ND	0.0010									
Tetrachlorobiphenyls	ND	0.0020									
Pentachlorobiphenyls	ND	0.0020									
Hexachlorobiphenyls	ND	0.0020									
Heptachlorobiphenyls	ND	0.0030									
Octachlorobiphenyls	ND	0.0030									
Nonachlorobiphenyls	ND	0.0050									
Decachlorobiphenyl	ND	0.0050									
Total Polychlorinated biphenyls	0.0										
Surrogate: Tetrachloro-m-xylene	*0.174*				*0.200*		*86.9*	*50-125*			
LCS (B091380-BS1)					Prepared: 03/05/14 Analyzed: 03/11/14						
Monochlorobiphenyls	0.17	0.0010			0.200		83.4	40-140			
Dichlorobiphenyls	0.15	0.0010			0.200		76.1	40-140			
Trichlorobiphenyls	0.14	0.0010			0.200		69.6	40-140			
Tetrachlorobiphenyls	0.29	0.0020			0.400		73.3	40-140			
Pentachlorobiphenyls	0.33	0.0020			0.400		82.6	40-140			
Hexachlorobiphenyls	0.32	0.0020			0.400		79.8	40-140			
Heptachlorobiphenyls	0.51	0.0030			0.600		84.4	40-140			
Octachlorobiphenyls	0.53	0.0030			0.600		88.4	40-140			
Nonachlorobiphenyls	0.87	0.0050			1.00		86.8	40-140			
Decachlorobiphenyl	0.73	0.0050			1.00		73.3	40-140			
Surrogate: Tetrachloro-m-xylene	*0.200*				*0.200*		*100*	*50-125*			
LCS Dup (B091380-BSD1)					Prepared: 03/05/14 Analyzed: 03/11/14						
Monochlorobiphenyls	0.15	0.0010			0.200		75.4	40-140	10.0	50	
Dichlorobiphenyls	0.17	0.0010			0.200		84.5	40-140	10.4	50	
Trichlorobiphenyls	0.17	0.0010			0.200		84.7	40-140	19.7	50	
Tetrachlorobiphenyls	0.35	0.0020			0.400		88.2	40-140	18.5	50	
Pentachlorobiphenyls	0.37	0.0020			0.400		93.2	40-140	12.1	50	
Hexachlorobiphenyls	0.35	0.0020			0.400		87.7	40-140	9.39	50	
Heptachlorobiphenyls	0.54	0.0030			0.600		90.6	40-140	7.01	50	
Octachlorobiphenyls	0.55	0.0030			0.600		91.0	40-140	2.92	50	
Nonachlorobiphenyls	0.91	0.0050			1.00		91.1	40-140	4.84	50	
Decachlorobiphenyl	0.76	0.0050			1.00		75.7	40-140	3.22	50	
Surrogate: Tetrachloro-m-xylene	*0.179*				*0.200*		*89.6*	*50-125*			

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FLAG/QUALIFIER SUMMARY

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

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

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

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

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 Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2014
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® ANALYTICAL LABORATORY

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

AIR SAMPLE CHAIN OF CUSTODY RECORD

14C0112

39 SPRUCE ST
EAST LONGMEADOW, MA 01028

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

Telephone:( )
Project #
Client PO #

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

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

Please fill out completely, sign, date and retain the yellow copy for your record.
Summa canisters and flow controllers must be returned within 14 days of receipt or rental fees will apply.
Summa canisters will be retained for a minimum of 14 days after sampling date prior to cleaning.

Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	Total Minutes Sampled	Flow Rate M³/Min or L/Min	Volume Liters or M³	Matrix Code*	ANALYSIS REQUESTED: TO-10A/EPA1080 Homolog				Initial pressure ("Hg)	Final pressure ("Hg)	Lab Receipt pressure ("Hg)	Summa Canister ID	Flow Controller ID
PA-0301-01	Rm. 101 01		082713-13	03-01-14 1135	03-01-14 1736	360	5	1805										
PA-0301-02	Rm. 109 02		082713-14	03-01-14 1137	03-01-14 1737	360	5	1800										
PA-0301-03	Rm. 116 03		111913-12	03-01-14 1152	03-01-14 1752	360	5	1800										
PA-0301-04	Rm. 120 04		02132014-11	03-01-14 1154	03-01-14 1754	360	5	1800										
PA-0301-05	Rm. 125 05		02132014-20	03-01-14 1150	03-01-14 1750	360	5	1800										
PA-0301-06	Girls toilet by 125 06		02132014-19	03-01-14 1149	03-01-14 1749	360	5	1800										
PA-0301-07	Boys toilet by 125 07		02132014-21	03-01-14 1148	03-01-14 1748	360	5	1800										
PA-0301-08	Corridor o/s 109 08		082713-15	03-01-14 1139	03-01-14 1739	360	5	1800										

Laboratory Comments:

CLIENT COMMENTS:

Relinquished/Received	Date/Time
Relinquished by: (signature) Sandy Owen	3/5/14 10:45
Received by: (signature) [signature]	3/5/14 10:45
Relinquished by: (signature) [signature]	3/5/14 2:20
Received by: (signature) [signature] 4.8°C	3-5-14 14:20

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

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

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

****Media Codes:**
S=summa can
TB=tedlar bag
P=PUF
T=tube
F= filter
C=cassette
O = Other

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

AIHA, NELAC & WBE/DBE Certified

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AIR SAMPLE CHAIN OF CUSTODY RECORD

14C0112

39 SPRUCE ST
EAST LONGMEADOW, MA 01028

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

Telephone:( )
Project #
Client PO #

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

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

ANALYSIS REQUESTED
TO-10A/EPA Lab Homolog

Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	ONLY USE WHEN USING PUMPS: Total Minutes Sampled	Flow Rate M^3/Min. or L/Min	Volume Liters or M^3	Matrix Code*	" Hg Initial pressure	" Hg Final Pressure	" Hg Lab Receipt pressure	Summa Canister ID	Flow Controller ID
PA0301-09	Faculty Room 09		082713-16	03-01-14 1141	03-01-14 1714	360	5	1800						
PA0301-10	Library 10		082713-17	03-01-14 1143	03-01-14 1713	360	5	1800						
PA0301-11	Custodial Closet/ Storage	11	082713-18	03-01-14 1145	03-01-14 1715	360	5	1800						
PA0301-12	Field Blank	12	02132014-14											

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

Summa canisters and flow controllers must returned within 14 day of receipt or rental fee will apply.

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

Laboratory Comments:

CLIENT COMMENTS:

Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature) 4.8°C	Date/Time: 3.5.14 14:20

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

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

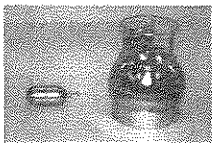
*Matrix Code:
SG= SOIL GAS
IA= INDOOR AIR
AMB=AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = other_____

**Media Codes:
S=summa can
TB=tedlar bag
P=PUF
T=tube
F= filter
C=cassette
O = Other_____

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

AIHA, NELAC & WBE/DBE Certified

Page 21 of 23 14C0112_1 Contest_Final 03 19 14 1750 03/19/14 17:50:19



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AIR Only Receipt Checklist

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

CLIENT NAME: AMC Environmental RECEIVED BY: CC DATE: 3.5.14

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

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

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

4) Are there any samples "On Hold"? Yes (No) Stored where:

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

6) Location where samples are stored: 19

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

7) Number of cans Individually Certified or Batch Certified? _____

Containers received at Con-Test

		# of Containers	Types (Size, Duration)
Summa Cans (TO-14/TO-15/APH)			
Tedlar Bags			
TO-17 Tubes			
Regulators			
Restrictors			
Hg/Hopcalite Tube (NIOSH 6009)			
(TO-4A/TO-10A/TO-13) PUFs		12	TO-10A
PCB Florisil Tubes (NIOSH 5503)			
Air cassette			
PM 2.5/PM 10			
TO-11A Cartridges			
Other			

Unused Summas/PUF Media:

Unused Regulators:

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

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

Laboratory Comments: PUF LOT ID'S

082713-13
082713-14
111913-12
02132014-11
02132014-20
02132014-19
02132014-21
082713-15
082713-16
082713-17
082713-18
02132014-14

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

Question	Answer (True/False) T/F/NA	Comment
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	F *	PUF's aren't labeled w/ Sample ID's. Matched PUF's by Lot #
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 requsted 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	

Who notified of False statements? Date/Time:

Log-In Technician Initials: CC Date/Time: 3.5.14 14:20

LABORATORY RESULTS

PCB Wipe Sample Results

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

March 14, 2014

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

Project Location: Osborn
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 14C0107

Enclosed are results of analyses for samples received by the laboratory on March 5, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

con-test® ANALYTICAL LABORATORY

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

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

REPORT DATE: 3/14/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14C0107

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

PROJECT LOCATION: Osborn

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
PW 0301-01	14C0107-01	Wipe	Rm 101 floor	SW-846 8082A	
PW 0301-02	14C0107-02	Wipe	Rm 101 block wall	SW-846 8082A	
PW 0301-03	14C0107-03	Wipe	Rm 109 desk	SW-846 8082A	
PW 0301-04	14C0107-04	Wipe	Rm 109 book shelf	SW-846 8082A	
PW 0301-05	14C0107-05	Wipe	Rm 116 floor	SW-846 8082A	
PW 0301-06	14C0107-06	Wipe	Rm 116 book	SW-846 8082A	
PW 0301-07	14C0107-07	Wipe	Rm 120 floor	SW-846 8082A	
PW 0301-08	14C0107-08	Wipe	Rm 120 desk	SW-846 8082A	
PW 0301-09	14C0107-09	Wipe	Rm 125 desk	SW-846 8082A	
PW 0301-10	14C0107-10	Wipe	Rm 125 floor	SW-846 8082A	
PW 0301-11	14C0107-11	Wipe	boys toilet by 125 wall	SW-846 8082A	
PW 0301-12	14C0107-12	Wipe	boys toilet by 125 floor	SW-846 8082A	
PW 0301-13	14C0107-13	Wipe	girls toilet by 125 wall	SW-846 8082A	
PW 0301-14	14C0107-14	Wipe	girls toilet by 125 floor	SW-846 8082A	
PW 0301-15	14C0107-15	Wipe	corridor o/s 107 floor	SW-846 8082A	
PW 0301-16	14C0107-16	Wipe	corridor o/s 107 block wall	SW-846 8082A	
PW 0301-17	14C0107-17	Wipe	faculty room floor	SW-846 8082A	
PW 0301-18	14C0107-18	Wipe	faculty room table	SW-846 8082A	
PW 0301-19	14C0107-19	Wipe	library floor	SW-846 8082A	
PW 0301-20	14C0107-20	Wipe	library desk	SW-846 8082A	
PW 0301-21	14C0107-21	Wipe	library book #1	SW-846 8082A	
PW 0301-22	14C0107-22	Wipe	library book #2	SW-846 8082A	
PW 0301-23	14C0107-23	Wipe	library book #3	SW-846 8082A	
PW 0301-24	14C0107-24	Wipe	library book #4	SW-846 8082A	
PW 0301-25	14C0107-25	Wipe	custodial closet floor	SW-846 8082A	
PW 0301-26	14C0107-26	Wipe	blank	SW-846 8082A	
PW 0301-27	14C0107-27	Wipe	blank	SW-846 8082A	

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

CASE NARRATIVE SUMMARY

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

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

Daren J. Damboragian
Laboratory Manager

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

Project Location: Osborn | Sample Description: Rm 101 floor | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-01 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-01

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	3/5/14	3/6/14 18:15	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:15	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:15	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:15	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:15	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:15	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:15	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:15	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:15	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	91.5	30-150		3/6/14 18:15
Decachlorobiphenyl [2]	87.9	30-150		3/6/14 18:15
Tetrachloro-m-xylene [1]	64.9	30-150		3/6/14 18:15
Tetrachloro-m-xylene [2]	58.2	30-150		3/6/14 18:15

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

Project Location: Osborn | Sample Description: Rm 101 block wall | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-02 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-02

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	3/5/14	3/6/14 18:27	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:27	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:27	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:27	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:27	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:27	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:27	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:27	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:27	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	112	30-150		3/6/14 18:27
Decachlorobiphenyl [2]	108	30-150		3/6/14 18:27
Tetrachloro-m-xylene [1]	95.6	30-150		3/6/14 18:27
Tetrachloro-m-xylene [2]	85.2	30-150		3/6/14 18:27

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

Project Location: Osborn | Sample Description: Rm 109 desk | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-03 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-03

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	3/5/14	3/6/14 18:40	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:40	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:40	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:40	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:40	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:40	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:40	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:40	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:40	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	110	30-150		3/6/14 18:40
Decachlorobiphenyl [2]	106	30-150		3/6/14 18:40
Tetrachloro-m-xylene [1]	100	30-150		3/6/14 18:40
Tetrachloro-m-xylene [2]	89.1	30-150		3/6/14 18:40

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

Project Location: Osborn | Sample Description: Rm 109 book shelf | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-04 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-04

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	3/5/14	3/6/14 18:52	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:52	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:52	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:52	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:52	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:52	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:52	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:52	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 18:52	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	107	30-150		3/6/14 18:52
Decachlorobiphenyl [2]	103	30-150		3/6/14 18:52
Tetrachloro-m-xylene [1]	95.4	30-150		3/6/14 18:52
Tetrachloro-m-xylene [2]	84.9	30-150		3/6/14 18:52

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

Project Location: Osborn | Sample Description: Rm 116 floor | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-05 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-05

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	3/5/14	3/6/14 19:04	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:04	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:04	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:04	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:04	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:04	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:04	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:04	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:04	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.3	30-150		3/6/14 19:04
Decachlorobiphenyl [2]	86.7	30-150		3/6/14 19:04
Tetrachloro-m-xylene [1]	85.9	30-150		3/6/14 19:04
Tetrachloro-m-xylene [2]	76.7	30-150		3/6/14 19:04

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

Project Location: Osborn | Sample Description: Rm 116 book | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-06 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-06

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	3/5/14	3/6/14 19:17	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:17	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:17	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:17	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:17	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:17	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:17	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:17	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:17	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	110	30-150		3/6/14 19:17
Decachlorobiphenyl [2]	107	30-150		3/6/14 19:17
Tetrachloro-m-xylene [1]	97.7	30-150		3/6/14 19:17
Tetrachloro-m-xylene [2]	86.9	30-150		3/6/14 19:17

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

Project Location: Osborn | Sample Description: Rm 120 floor | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-07 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-07

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	3/5/14	3/6/14 19:29	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:29	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:29	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:29	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:29	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:29	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:29	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:29	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:29	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	106	30-150		3/6/14 19:29
Decachlorobiphenyl [2]	102	30-150		3/6/14 19:29
Tetrachloro-m-xylene [1]	94.9	30-150		3/6/14 19:29
Tetrachloro-m-xylene [2]	84.8	30-150		3/6/14 19:29

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

Project Location: Osborn | Sample Description: Rm 120 desk | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-08 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-08

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	3/5/14	3/6/14 19:42	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:42	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:42	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:42	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:42	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:42	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:42	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:42	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:42	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	107	30-150		3/6/14 19:42
Decachlorobiphenyl [2]	103	30-150		3/6/14 19:42
Tetrachloro-m-xylene [1]	93.1	30-150		3/6/14 19:42
Tetrachloro-m-xylene [2]	82.8	30-150		3/6/14 19:42

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

Project Location: Osborn | Sample Description: Rm 125 desk | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-09 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-09

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	3/5/14	3/6/14 19:54	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:54	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:54	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:54	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:54	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:54	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:54	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:54	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 19:54	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	111	30-150		3/6/14 19:54
Decachlorobiphenyl [2]	107	30-150		3/6/14 19:54
Tetrachloro-m-xylene [1]	96.9	30-150		3/6/14 19:54
Tetrachloro-m-xylene [2]	85.9	30-150		3/6/14 19:54

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

Project Location: Osborn | Sample Description: Rm 125 floor | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-10 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-10

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	3/5/14	3/6/14 20:31	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:31	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:31	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:31	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:31	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:31	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:31	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:31	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:31	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	112	30-150		3/6/14 20:31
Decachlorobiphenyl [2]	108	30-150		3/6/14 20:31
Tetrachloro-m-xylene [1]	96.4	30-150		3/6/14 20:31
Tetrachloro-m-xylene [2]	85.3	30-150		3/6/14 20:31

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

Project Location: Osborn | Sample Description: boys toilet by 125 wall | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-11 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-11

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	3/5/14	3/6/14 20:44	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:44	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:44	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:44	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:44	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:44	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:44	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:44	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:44	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	105	30-150		3/6/14 20:44
Decachlorobiphenyl [2]	101	30-150		3/6/14 20:44
Tetrachloro-m-xylene [1]	94.1	30-150		3/6/14 20:44
Tetrachloro-m-xylene [2]	83.5	30-150		3/6/14 20:44

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

Project Location: Osborn | Sample Description: boys toilet by 125 floor | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-12 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-12

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	3/5/14	3/6/14 20:56	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:56	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:56	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:56	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:56	KAL
Aroclor-1254 [2]	0.40	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:56	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:56	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:56	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 20:56	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		3/6/14 20:56
Decachlorobiphenyl [2]	104	30-150		3/6/14 20:56
Tetrachloro-m-xylene [1]	93.8	30-150		3/6/14 20:56
Tetrachloro-m-xylene [2]	83.1	30-150		3/6/14 20:56

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

Project Location: Osborn | Sample Description: girls toilet by 125 wall | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-13 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-13

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	3/5/14	3/6/14 21:08	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:08	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:08	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:08	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:08	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:08	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:08	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:08	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:08	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	84.8	30-150		3/6/14 21:08
Decachlorobiphenyl [2]	81.7	30-150		3/6/14 21:08
Tetrachloro-m-xylene [1]	74.9	30-150		3/6/14 21:08
Tetrachloro-m-xylene [2]	66.6	30-150		3/6/14 21:08

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

Project Location: Osborn | Sample Description: girls toilet by 125 floor | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-14 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-14

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	3/5/14	3/6/14 21:21	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:21	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:21	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:21	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:21	KAL
Aroclor-1254 [2]	0.27	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:21	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:21	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:21	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:21	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	107	30-150		3/6/14 21:21
Decachlorobiphenyl [2]	103	30-150		3/6/14 21:21
Tetrachloro-m-xylene [1]	95.0	30-150		3/6/14 21:21
Tetrachloro-m-xylene [2]	83.8	30-150		3/6/14 21:21

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

Project Location: Osborn | Sample Description: corridor o/s 107 floor | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-15 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-15

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	3/5/14	3/6/14 21:33	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:33	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:33	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:33	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:33	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:33	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:33	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:33	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:33	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		3/6/14 21:33
Decachlorobiphenyl [2]	97.2	30-150		3/6/14 21:33
Tetrachloro-m-xylene [1]	82.2	30-150		3/6/14 21:33
Tetrachloro-m-xylene [2]	73.1	30-150		3/6/14 21:33

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

Project Location: Osborn | Sample Description: corridor o/s 107 block wall | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-16 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-16

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	3/5/14	3/6/14 21:46	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:46	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:46	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:46	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:46	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:46	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:46	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:46	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:46	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	105	30-150		3/6/14 21:46
Decachlorobiphenyl [2]	102	30-150		3/6/14 21:46
Tetrachloro-m-xylene [1]	91.4	30-150		3/6/14 21:46
Tetrachloro-m-xylene [2]	80.5	30-150		3/6/14 21:46

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

Project Location: Osborn | Sample Description: faculty room floor | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-17 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-17

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	3/5/14	3/6/14 21:58	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:58	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:58	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:58	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:58	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:58	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:58	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:58	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 21:58	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	126	30-150		3/6/14 21:58
Decachlorobiphenyl [2]	122	30-150		3/6/14 21:58
Tetrachloro-m-xylene [1]	111	30-150		3/6/14 21:58
Tetrachloro-m-xylene [2]	98.5	30-150		3/6/14 21:58

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

Project Location: Osborn | Sample Description: faculty room table | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-18 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-18

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	3/5/14	3/6/14 22:10	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:10	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:10	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:10	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:10	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:10	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:10	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:10	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:10	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	107	30-150		3/6/14 22:10
Decachlorobiphenyl [2]	104	30-150		3/6/14 22:10
Tetrachloro-m-xylene [1]	94.1	30-150		3/6/14 22:10
Tetrachloro-m-xylene [2]	83.0	30-150		3/6/14 22:10

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

Project Location: Osborn | Sample Description: library floor | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-19 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-19

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	3/5/14	3/6/14 22:23	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:23	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:23	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:23	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:23	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:23	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:23	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:23	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:23	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		3/6/14 22:23
Decachlorobiphenyl [2]	105	30-150		3/6/14 22:23
Tetrachloro-m-xylene [1]	97.3	30-150		3/6/14 22:23
Tetrachloro-m-xylene [2]	86.2	30-150		3/6/14 22:23

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

Project Location: Osborn | Sample Description: library desk | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-20 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-20

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:35	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:35	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:35	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:35	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:35	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:35	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:35	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:35	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 22:35	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	107	30-150		3/6/14 22:35
Decachlorobiphenyl [2]	103	30-150		3/6/14 22:35
Tetrachloro-m-xylene [1]	94.2	30-150		3/6/14 22:35
Tetrachloro-m-xylene [2]	83.6	30-150		3/6/14 22:35

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

Project Location: Osborn | Sample Description: library book #1 | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-21 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-21

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 23:50	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 23:50	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 23:50	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 23:50	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 23:50	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 23:50	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 23:50	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 23:50	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/6/14 23:50	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	109	30-150		3/6/14 23:50
Decachlorobiphenyl [2]	106	30-150		3/6/14 23:50
Tetrachloro-m-xylene [1]	102	30-150		3/6/14 23:50
Tetrachloro-m-xylene [2]	90.6	30-150		3/6/14 23:50

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

Project Location: Osborn | Sample Description: library book #2 | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-22 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-22

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:02	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:02	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:02	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:02	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:02	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:02	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:02	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:02	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:02	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	107	30-150		3/7/14	0:02
Decachlorobiphenyl [2]	104	30-150		3/7/14	0:02
Tetrachloro-m-xylene [1]	98.7	30-150		3/7/14	0:02
Tetrachloro-m-xylene [2]	87.5	30-150		3/7/14	0:02

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

Project Location: Osborn | Sample Description: library book #3 | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-23 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-23

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:14	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:14	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:14	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:14	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:14	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:14	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:14	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:14	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:14	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	110	30-150		3/7/14 0:14
Decachlorobiphenyl [2]	106	30-150		3/7/14 0:14
Tetrachloro-m-xylene [1]	103	30-150		3/7/14 0:14
Tetrachloro-m-xylene [2]	91.3	30-150		3/7/14 0:14

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Project Location: Osborn | Sample Description: library book #4 | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-24 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-24

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:27	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:27	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:27	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:27	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:27	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:27	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:27	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:27	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:27	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	112	30-150		3/7/14 0:27
Decachlorobiphenyl [2]	108	30-150		3/7/14 0:27
Tetrachloro-m-xylene [1]	104	30-150		3/7/14 0:27
Tetrachloro-m-xylene [2]	92.3	30-150		3/7/14 0:27

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

Project Location: Osborn | Sample Description: custodial closet floor | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-25 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-25

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:39	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:39	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:39	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:39	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:39	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:39	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:39	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:39	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:39	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.7	30-150		3/7/14 0:39
Decachlorobiphenyl [2]	104	30-150		3/7/14 0:39
Tetrachloro-m-xylene [1]	102	30-150		3/7/14 0:39
Tetrachloro-m-xylene [2]	91.4	30-150		3/7/14 0:39

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Project Location: Osborn | Sample Description: blank | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-26 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-26

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:52	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:52	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:52	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:52	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:52	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:52	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:52	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:52	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 0:52	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	110	30-150		3/7/14	0:52
Decachlorobiphenyl [2]	107	30-150		3/7/14	0:52
Tetrachloro-m-xylene [1]	104	30-150		3/7/14	0:52
Tetrachloro-m-xylene [2]	92.4	30-150		3/7/14	0:52

con-test® ANALYTICAL LABORATORY
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Project Location: Osborn | Sample Description: blank | Work Order: 14C0107

Date Received: 3/5/2014

Field Sample #: PW 0301-27 | Sampled: 3/1/2014 00:00

Sample ID: 14C0107-27

Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 1:04	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 1:04	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 1:04	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 1:04	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 1:04	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 1:04	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 1:04	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 1:04	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	3/5/14	3/7/14 1:04	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual		
Decachlorobiphenyl [1]	109	30-150		3/7/14	1:04
Decachlorobiphenyl [2]	105	30-150		3/7/14	1:04
Tetrachloro-m-xylene [1]	103	30-150		3/7/14	1:04
Tetrachloro-m-xylene [2]	91.4	30-150		3/7/14	1:04

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

Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
14C0107-01 [PW 0301-01]	B091365	1.00	10.0	03/05/14
14C0107-02 [PW 0301-02]	B091365	1.00	10.0	03/05/14
14C0107-03 [PW 0301-03]	B091365	1.00	10.0	03/05/14
14C0107-04 [PW 0301-04]	B091365	1.00	10.0	03/05/14
14C0107-05 [PW 0301-05]	B091365	1.00	10.0	03/05/14
14C0107-06 [PW 0301-06]	B091365	1.00	10.0	03/05/14
14C0107-07 [PW 0301-07]	B091365	1.00	10.0	03/05/14
14C0107-08 [PW 0301-08]	B091365	1.00	10.0	03/05/14
14C0107-09 [PW 0301-09]	B091365	1.00	10.0	03/05/14
14C0107-10 [PW 0301-10]	B091365	1.00	10.0	03/05/14
14C0107-11 [PW 0301-11]	B091365	1.00	10.0	03/05/14
14C0107-12 [PW 0301-12]	B091365	1.00	10.0	03/05/14
14C0107-13 [PW 0301-13]	B091365	1.00	10.0	03/05/14
14C0107-14 [PW 0301-14]	B091365	1.00	10.0	03/05/14
14C0107-15 [PW 0301-15]	B091365	1.00	10.0	03/05/14
14C0107-16 [PW 0301-16]	B091365	1.00	10.0	03/05/14
14C0107-17 [PW 0301-17]	B091365	1.00	10.0	03/05/14
14C0107-18 [PW 0301-18]	B091365	1.00	10.0	03/05/14
14C0107-19 [PW 0301-19]	B091365	1.00	10.0	03/05/14
14C0107-20 [PW 0301-20]	B091365	1.00	10.0	03/05/14

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

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
14C0107-21 [PW 0301-21]	B091366	1.00	10.0	03/05/14
14C0107-22 [PW 0301-22]	B091366	1.00	10.0	03/05/14
14C0107-23 [PW 0301-23]	B091366	1.00	10.0	03/05/14
14C0107-24 [PW 0301-24]	B091366	1.00	10.0	03/05/14
14C0107-25 [PW 0301-25]	B091366	1.00	10.0	03/05/14
14C0107-26 [PW 0301-26]	B091366	1.00	10.0	03/05/14
14C0107-27 [PW 0301-27]	B091366	1.00	10.0	03/05/14

con-test® ANALYTICAL LABORATORY

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

QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B091365 - SW-846 3540C										
Blank (B091365-BLK1)				Prepared: 03/05/14 Analyzed: 03/06/14						
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	*2.11*		µg/Wipe	2.00		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.12*		µg/Wipe	2.00		106	30-150			
Surrogate: Tetrachloro-m-xylene	*1.86*		µg/Wipe	2.00		92.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.72*		µg/Wipe	2.00		85.9	30-150			
LCS (B091365-BS1)				Prepared: 03/05/14 Analyzed: 03/06/14						
Aroclor-1016	0.45	0.20	µg/Wipe	0.500		89.9	40-140			
Aroclor-1016 [2C]	0.44	0.20	µg/Wipe	0.500		88.2	40-140			
Aroclor-1260	0.45	0.20	µg/Wipe	0.500		90.1	40-140			
Aroclor-1260 [2C]	0.43	0.20	µg/Wipe	0.500		86.5	40-140			
Surrogate: Decachlorobiphenyl	*2.03*		µg/Wipe	2.00		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.00*		µg/Wipe	2.00		99.8	30-150			
Surrogate: Tetrachloro-m-xylene	*1.83*		µg/Wipe	2.00		91.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.68*		µg/Wipe	2.00		84.0	30-150			
LCS Dup (B091365-BSD1)				Prepared: 03/05/14 Analyzed: 03/06/14						
Aroclor-1016	0.46	0.20	µg/Wipe	0.500		91.6	40-140	1.86	30	
Aroclor-1016 [2C]	0.45	0.20	µg/Wipe	0.500		90.6	40-140	2.77	30	
Aroclor-1260	0.49	0.20	µg/Wipe	0.500		97.2	40-140	7.58	30	
Aroclor-1260 [2C]	0.46	0.20	µg/Wipe	0.500		92.7	40-140	6.89	30	
Surrogate: Decachlorobiphenyl	*2.12*		µg/Wipe	2.00		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.10*		µg/Wipe	2.00		105	30-150			
Surrogate: Tetrachloro-m-xylene	*1.79*		µg/Wipe	2.00		89.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.64*		µg/Wipe	2.00		81.9	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B091366 - SW-846 3540C										
Blank (B091366-BLK1)				Prepared: 03/05/14 Analyzed: 03/06/14						
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	*2.07*		µg/Wipe	2.00		103	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.02*		µg/Wipe	2.00		101	30-150			
Surrogate: Tetrachloro-m-xylene	*1.89*		µg/Wipe	2.00		94.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.70*		µg/Wipe	2.00		85.0	30-150			
LCS (B091366-BS1)				Prepared: 03/05/14 Analyzed: 03/06/14						
Aroclor-1016	0.47	0.20	µg/Wipe	0.500		95.0	40-140			
Aroclor-1016 [2C]	0.44	0.20	µg/Wipe	0.500		88.5	40-140			
Aroclor-1260	0.46	0.20	µg/Wipe	0.500		91.4	40-140			
Aroclor-1260 [2C]	0.42	0.20	µg/Wipe	0.500		84.1	40-140			
Surrogate: Decachlorobiphenyl	*1.91*		µg/Wipe	2.00		95.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.87*		µg/Wipe	2.00		93.6	30-150			
Surrogate: Tetrachloro-m-xylene	*1.84*		µg/Wipe	2.00		92.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.68*		µg/Wipe	2.00		83.8	30-150			
LCS Dup (B091366-BSD1)				Prepared: 03/05/14 Analyzed: 03/06/14						
Aroclor-1016	0.49	0.20	µg/Wipe	0.500		98.3	40-140	3.47	30	
Aroclor-1016 [2C]	0.47	0.20	µg/Wipe	0.500		95.0	40-140	7.07	30	
Aroclor-1260	0.50	0.20	µg/Wipe	0.500		99.7	40-140	8.71	30	
Aroclor-1260 [2C]	0.46	0.20	µg/Wipe	0.500		91.0	40-140	7.94	30	
Surrogate: Decachlorobiphenyl	*2.12*		µg/Wipe	2.00		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	*2.09*		µg/Wipe	2.00		105	30-150			
Surrogate: Tetrachloro-m-xylene	*1.92*		µg/Wipe	2.00		96.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.74*		µg/Wipe	2.00		87.2	30-150			

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FLAG/QUALIFIER SUMMARY

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

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

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

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

No certified Analyses included in this Report

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2014
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2014
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

14C0107

Rev 04.05.12

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East longmeadow, MA 01028

Page 1 of 3

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

Telephone:
Project #
Client PO#

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

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

Soxhlet 8082A

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code
01	PW 0301-01 Rm. 101 floor	03-01-14					
02	PW 0301-02 Rm. 101 book way						
03	PW 0301-03 Rm. 109 desk						
04	PW 0301-04 Rm. 109 book shelf						
05	PW 0301-05 Rm. 116 floor						
06	PW 0301-06 Rm. 116 book						
07	PW 0301-07 Rm. 120 floor						
08	PW 0301-08 Rm. 120 desk						
09	PW 0301-09 Rm. 125 desk						
10	PW 0301-10 Rm. 125 floor	↓					

ANALYSIS REQUESTED

# of Containers
** Preservation
***Container Code

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:
Surface Area = 100cm²

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

Relinquished by: (signature)	Date/Time:
Danielle Owens	3/5/14
Received by: (signature)	Date/Time:
[signature] 10:45	3/5/14
Relinquished by: (signature)	Date/Time:
[signature] 2:20	3/5/14
Received by: (signature)	Date/Time:
[signature] 4.8°C 14:20	3.5.14

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

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

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

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WBE/DBE Certified

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

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Email: info@contestlabs.com
www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

14C0107

Rev 04.05.12

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

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

Telephone:
Project #
Client PO#

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

ANALYSIS REQUESTED: Soxhlet - 8082A

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code
11	PW 0301-11 boys toilet by 125 wall	0301-14					
12	PW 0301-12 boys toilet by 125 floor	↓					
13	PW 0301-13 girls toilet by 125 wall	↓					
14	PW 0301-14 girls toilet by 125 floor	↓					
15	PW 0301-15 corridor outside 102 floor	↓					
16	PW 0301-16 corridor outside 107 block wall	↓					
17	PW 0301-17 Faculty Room floor	↓					
18	PW 0301-18 Faculty Room table	↓					
19	PW 0301-19 library floor	↓					
20	PW 0301-20 Library desk	↓					

Comments: Surface Area = 100 cm²

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

Relinquished by: (signature) [signature] 10:45	Date/Time: 3/5/14
Received by: (signature) [signature] 10:45	Date/Time: 3/5/14
Relinquished by: (signature) [signature] 2:20	Date/Time: 3/5/14
Received by: (signature) [signature] 4.8°C 14:20	Date/Time: 3.5.14

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

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

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

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WBE/DBE Certified

# of Containers
** Preservation
***Container Code

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

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CHAIN OF CUSTODY RECORD

14C0107

Rev 04.05.12

39 Spruce Street
East longmeadow, MA 01028

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

Telephone:
Project #
Client PO#

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

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

ANALYSIS REQUESTED: Soxhlet 8082A

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code
21	PN 0301-21 Library book #1	03-01-14					
22	PN 0301-22 Library book #2	↓					
23	PN 0301-23 Library book #3	↓					
24	PN 0301-24 Library book #4	↓					
25	PN 0301-25 Custodial Storage floor	↓					
26	PN 0301-26 Blank						
27	PN 0301-27 Blank						

# of Containers
** Preservation
***Container Code

Dissolved Metals
○ Field Filtered
○ Lab to Filter

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

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

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

Comments:
Surface area = 100 cm²

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

Signature	Date/Time
Relinquished by: (signature) [signature] 4:45	3/5/14
Received by: (signature) [signature] 10:45	3/5/14
Relinquished by: (signature) [signature] 2:29	3/5/14
Received by: (signature) [signature] 4.8°C 14:20	3.5.14

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

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

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

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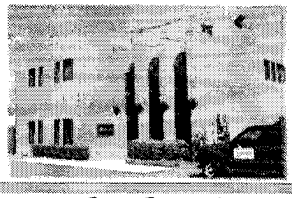

Sample Receipt Checklist

CLIENT NAME: AMC Environmental **RECEIVED BY:** CC **DATE:** 3.5.14

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

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

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

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

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

Temperature °C by Temp blank 4.8°C Temperature °C by Temp gun 4.8°

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

Laboratory Comments:

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

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

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

Who notified of False statements? **Date/Time:**

Doc #277 Rev. 4 August 2013 **Log-In Technician Initials:** CC **Date/Time:** 3.5.14 14:20