

**Fairfield Public Schools**  
**Fairfield, CT 06825**

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

**FROM:** Salvatore Morabito

**DATE:** January 9, 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 November 23, 2013. 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

January 9, 2014

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

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

Dear Mr. Morabito:

### **INTRODUCTION**

AMC Environmental performed the quarterly testing at Osborn Hill Elementary School located at 760 Stillson Road in Fairfield, CT on November 23, 2013 in accordance with the PCB Operations and Maintenance Plan that was developed and submitted on August 23, 2012. The inspection included three steps; visual assessments of previously encapsulated surfaces within the school, confirmatory wipe sampling, and confirmatory air sampling.

### **SAMPLING**

#### **PCB Air Sampling**

PCB in air testing was conducted in thirteen (13) separate areas of the school in accordance with the PCB Operations and Maintenance Plan. The areas tested during this round of sampling were: Rooms 105, 106, 107, 108, 114, 119, 121, Main Office, APR, Custodial Closet, Library and the Hallways outside Room 117 and 112. The Library and Custodial Closet were assessed during this round to assure that the engineering controls implemented in August, after elevated levels were documented, are still be effective. The levels in these two areas were documented to be acceptable after the implementation of the engineering controls (see report dated September 23, 2013)

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

AMC  
Environmental,  
LLC

Phone:  
203.378.5020

Fax:  
203.375.7344

Email:  
amc@amcenviro.com

P.O Box 423  
Stratford, CT 06615

PCB Wipe Sampling

PCB in wipe testing was conducted on twenty-eight (28) surfaces within the same areas mentioned in the PCB air sampling section. The surfaces tested were floors, walls, bookshelves, desks and books.

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 fifteen (15) PCB air samples were obtained from select areas throughout Osborn Hill Elementary School. All fifteen (15) samples documented concentrations below the EPA recommended 300 ng/m<sup>3</sup> threshold for children over the age of six. A more conservative threshold of 100 ng/m<sup>3</sup> is the EPA recommended limit for kindergarten areas (<6 years old) within the school. Based on the sample results, the air samples collected in the kindergarten rooms all document **acceptable** levels of PCB in the air, below the 100 ng/m<sup>3</sup> standard (see Analytical Results). Table 1 documents the location and sample results for PCB air samples obtained.

**Table 1 – PCB Air Samples**

<b>Sample Number</b>	<b>Location</b>	<b>Results ng/m<sup>3</sup></b>
08271309	APR	84
08271310	Main Office	21
08271311	Room 108	19
08271312	Room 107	11
11191301	Room 106	17
11191302	Room 105	24
11191303	Custodial Closet	68
11191304	Library #1	86
11171305	Room 119	36
11191306	Room 121	41
11191307	Corridor o/s Room 117	58
11191308	Room 114	17
11191309	Corridor o/s Room 112	55
11191310	Library #2 (Duplicate)	52
11191311	Field Blank	ND

PCB Wipe Samples

A total of thirty (30) PCB wipe samples were obtained from select surfaces and areas throughout Osborn Hill Elementary School as well as two (2) blanks. All thirty (30) samples documented levels below the 1 µg/100 cm<sup>2</sup>, the recommended limits for surfaces within dermal contact set forth by the EPA and the CT DEEP. Therefore, the PCB wipe samples documented **acceptable** levels within the areas tested (see Analytical Results). Table 2 documents the locations, surfaces and sample results for PCB wipe samples obtained.

**Table 2 – PCB Wipe Results**

Sample Number	Location	Surface	Result µg/100cm <sup>2</sup>
W1123-01	Room 119	Floor	ND
W1123-02	Room 119	Wall	ND
W1123-03	Room 121	Desk	ND
W1123-04	Room 121	Bookshelf	ND
W1123-05	Room 117	Floor	ND
W1123-06	Room 117	Desk	ND
W1123-07	Room 114	Bookshelf	ND
W1123-08	Room 114	Desk	ND
W1123-09	Room 112	Floor	ND
W1123-10	Room 112	Wall	ND
W1123-11	APR	Wall	ND
W1123-12	APR	Floor	ND
W1123-13	Main Office	Desk	ND
W1123-14	Main Office	Floor	ND
W1123-15	Room 105	Floor	ND
W1123-16	Room 105	Wall	ND
W1123-17	Room 106	Desk	ND
W1123-18	Room 106	Wall	ND
W1123-19	Room 107	Floor	ND
W1123-20	Room 107	Wall	ND
W1123-21	Room 108	Desk	ND
W1123-22	Room 108	Bookshelf	ND
W1123-23	Custodial Closet	Floor	ND
W1123-24	Library	Floor	0.53
W1123-25	Library	Book #1	ND
W1123-26	Library	Book #2	ND
W1123-27	Library	Book #3	ND
W1123-28	Library	Book #4	ND

**Table 2 – PCB Wipe Results (continued)**

<b>Sample Number</b>	<b>Location</b>	<b>Surface</b>	<b>Result µg/100cm<sup>2</sup></b>
W1123-29	Blank		ND
W1123-30	Blank		ND

**Visual Inspection**

A thorough visual inspection of encapsulated surfaces throughout the school that contain a PCB containing material 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, two hallways within the school were identified as having a stone tile that contained a PCB containing sealant on its surface. As an interim control in these areas, a skim coat was applied over the flooring and then a VCT tile was installed above it. Both areas were methodically inspected to ensure the engineering controls remain intact and effective. The inspection revealed that all surfaces encapsulated are still intact and maintaining its original integrity. Therefore, there did not appear to be any visible hazards identified during this assessment.

**Executive Summary**

Based on the visual inspection and analytical data 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 are documented to be acceptable within the areas tested during this round of sampling. All air samples obtained document PCB levels well below the 300 ng/m<sup>3</sup> threshold for elementary school children, and less than 100 ng/m<sup>3</sup> required for children under the age of 6 years old. All but one surface wipe sample collected throughout the sampled areas analytically documented no presence of PCB's. The floor sample from the library documented detectable amounts of PCB; however the levels were below the 1 µg/100 cm<sup>2</sup> 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.

Very truly,



Jason Pringle

## **LABORATORY RESULTS**

### **PCB Air Sample Results**

December 6, 2013

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

Project Location: Osborn Hill  
Client Job Number:  
Project Number: [none]  
Laboratory Work Order Number: 13K1132

Enclosed are results of analyses for samples received by the laboratory on November 26, 2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa A. Worthington  
Project Manager

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

REPORT DATE: 12/6/2013

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 13K1132

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

PROJECT LOCATION: Osborn Hill

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
APR	13K1132-01	Air		TO-10A/EPA 680 Modified	
Main Office	13K1132-02	Air		TO-10A/EPA 680 Modified	
Rm. 108	13K1132-03	Air		TO-10A/EPA 680 Modified	
Rm. 107	13K1132-04	Air		TO-10A/EPA 680 Modified	
Rm. 106	13K1132-05	Air		TO-10A/EPA 680 Modified	
Rm. 105	13K1132-06	Air		TO-10A/EPA 680 Modified	
Custodial Closet	13K1132-07	Air		TO-10A/EPA 680 Modified	
Library #1	13K1132-08	Air		TO-10A/EPA 680 Modified	
Rm. 119	13K1132-09	Air		TO-10A/EPA 680 Modified	
Rm. 121	13K1132-10	Air		TO-10A/EPA 680 Modified	
Corridor O/S Rm. 117	13K1132-11	Air		TO-10A/EPA 680 Modified	
Rm. 114	13K1132-12	Air		TO-10A/EPA 680 Modified	
Corridor O/S Rm. 112	13K1132-13	Air		TO-10A/EPA 680 Modified	
Library #2 Duplicate	13K1132-14	Air		TO-10A/EPA 680 Modified	
Field Blank	13K1132-15	Air		TO-10A/EPA 680 Modified	



**CASE NARRATIVE SUMMARY**

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

**TO-10A/EPA 680 Modified**

**Qualifications:**

---

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

**Analyte & Samples(s) Qualified:**

**Tetrachloro-m-xylene**

13K1132-02[Main Office], 13K1132-03[Rm. 108], 13K1132-04[Rm. 107], 13K1132-05[Rm. 106], 13K1132-06[Rm. 105], 13K1132-07[Custodial Closet], 13K1132-09[Rm. 119], 13K1132-10[Rm. 121]

---

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

**Analyte & Samples(s) Qualified:**

**Decachlorobiphenyl**

13K1132-11[Corridor O/S Rm. 117], 13K1132-12[Rm. 114], 13K1132-13[Corridor O/S Rm. 112], 13K1132-14[Library #2 Duplicate], 13K1132-15[Field Blank]

---

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian  
Laboratory Manager

**ANALYTICAL RESULTS**

Project Location: Osborn Hill  
 Date Received: 11/26/2013  
**Field Sample #: APR**  
**Sample ID: 13K1132-01**  
 Sample Matrix: Air  
 Sampled: 11/26/2013 15:53

Sample Description/Location:  
 Sub Description/Location:  
  
 Flow Controller ID:  
 Sample Type:  
 Air Volume L: 1810

**Work Order: 13K1132**

**TO-10A/EPA 680 Modified**

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time Analyzed	Analyst
	Results	RL		Results	RL			
Monochlorobiphenyls	ND	0.0010		ND	0.00055	1	12/5/13 9:51	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00055	1	12/5/13 9:51	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00055	1	12/5/13 9:51	CJM
Tetrachlorobiphenyls	0.041	0.0020		0.023	0.0011	1	12/5/13 9:51	CJM
Pentachlorobiphenyls	0.095	0.0020		0.053	0.0011	1	12/5/13 9:51	CJM
Hexachlorobiphenyls	0.015	0.0020		0.0083	0.0011	1	12/5/13 9:51	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13 9:51	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13 9:51	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	12/5/13 9:51	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	12/5/13 9:51	CJM
Total Polychlorinated biphenyls	0.15			0.084		1	12/5/13 9:51	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	67.6	50-125	12/5/13 9:51

**ANALYTICAL RESULTS**

Project Location: Osborn Hill  
 Date Received: 11/26/2013  
**Field Sample #: Main Office**  
**Sample ID: 13K1132-02**  
 Sample Matrix: Air  
 Sampled: 11/26/2013 15:57

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

**Work Order: 13K1132**

**TO-10A/EPA 680 Modified**

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	10:21	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	10:21	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	10:21	CJM
Tetrachlorobiphenyls	0.011	0.0020		0.006	0.0011	1	12/5/13	10:21	CJM
Pentachlorobiphenyls	0.024	0.0020		0.014	0.0011	1	12/5/13	10:21	CJM
Hexachlorobiphenyls	0.0032	0.0020		0.0018	0.0011	1	12/5/13	10:21	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13	10:21	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13	10:21	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	12/5/13	10:21	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	12/5/13	10:21	CJM
Total Polychlorinated biphenyls	0.038			0.021		1	12/5/13	10:21	CJM

Surrogates	% Recovery		% REC Limits		
Tetrachloro-m-xylene	46.8*	S-20	50-125		12/5/13 10:21

**ANALYTICAL RESULTS**

Project Location: Osborn Hill  
 Date Received: 11/26/2013  
**Field Sample #: Rm. 108**  
**Sample ID: 13K1132-03**  
 Sample Matrix: Air  
 Sampled: 11/26/2013 16:04

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

**Work Order: 13K1132**

**TO-10A/EPA 680 Modified**

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	10:50	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	10:50	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	10:50	CJM
Tetrachlorobiphenyls	0.011	0.0020		0.006	0.0011	1	12/5/13	10:50	CJM
Pentachlorobiphenyls	0.021	0.0020		0.012	0.0011	1	12/5/13	10:50	CJM
Hexachlorobiphenyls	0.0028	0.0020		0.0015	0.0011	1	12/5/13	10:50	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13	10:50	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13	10:50	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	12/5/13	10:50	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	12/5/13	10:50	CJM
Total Polychlorinated biphenyls	0.035			0.019		1	12/5/13	10:50	CJM

Surrogates	% Recovery		% REC Limits		
Tetrachloro-m-xylene	45.1*	S-20	50-125		12/5/13 10:50

**ANALYTICAL RESULTS**

Project Location: Osborn Hill  
 Date Received: 11/26/2013  
**Field Sample #: Rm. 107**  
**Sample ID: 13K1132-04**  
 Sample Matrix: Air  
 Sampled: 11/26/2013 16:10

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

**Work Order: 13K1132**

**TO-10A/EPA 680 Modified**

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	11:20	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	11:20	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	11:20	CJM
Tetrachlorobiphenyls	0.0070	0.0020		0.0039	0.0011	1	12/5/13	11:20	CJM
Pentachlorobiphenyls	0.013	0.0020		0.007	0.0011	1	12/5/13	11:20	CJM
Hexachlorobiphenyls	ND	0.0020		ND	0.0011	1	12/5/13	11:20	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13	11:20	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13	11:20	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	12/5/13	11:20	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	12/5/13	11:20	CJM
Total Polychlorinated biphenyls	0.020			0.011		1	12/5/13	11:20	CJM

Surrogates	% Recovery		% REC Limits		
Tetrachloro-m-xylene	47.5*	S-20	50-125		12/5/13 11:20

**ANALYTICAL RESULTS**

Project Location: Osborn Hill  
 Date Received: 11/26/2013  
**Field Sample #: Rm. 106**  
**Sample ID: 13K1132-05**  
 Sample Matrix: Air  
 Sampled: 11/26/2013 16:15

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

**Work Order: 13K1132**

**TO-10A/EPA 680 Modified**

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Monochlorobiphenyls	ND	0.0010		ND	0.00055	1	12/5/13	11:49	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00055	1	12/5/13	11:49	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00055	1	12/5/13	11:49	CJM
Tetrachlorobiphenyls	0.0080	0.0020		0.0044	0.0011	1	12/5/13	11:49	CJM
Pentachlorobiphenyls	0.019	0.0020		0.011	0.0011	1	12/5/13	11:49	CJM
Hexachlorobiphenyls	0.0026	0.0020		0.0015	0.0011	1	12/5/13	11:49	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13	11:49	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13	11:49	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	12/5/13	11:49	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	12/5/13	11:49	CJM
Total Polychlorinated biphenyls	0.030			0.017		1	12/5/13	11:49	CJM

Surrogates	% Recovery		% REC Limits		
Tetrachloro-m-xylene	40.9*	S-20	50-125		12/5/13 11:49

**ANALYTICAL RESULTS**

Project Location: Osborn Hill  
 Date Received: 11/26/2013  
**Field Sample #: Rm. 105**  
**Sample ID: 13K1132-06**  
 Sample Matrix: Air  
 Sampled: 11/26/2013 16:22

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

**Work Order: 13K1132**

**TO-10A/EPA 680 Modified**

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		AnalYZed		
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	12:19	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	12:19	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	12:19	CJM
Tetrachlorobiphenyls	0.011	0.0020		0.0059	0.0011	1	12/5/13	12:19	CJM
Pentachlorobiphenyls	0.027	0.0020		0.015	0.0011	1	12/5/13	12:19	CJM
Hexachlorobiphenyls	0.0047	0.0020		0.0026	0.0011	1	12/5/13	12:19	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13	12:19	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13	12:19	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	12/5/13	12:19	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	12/5/13	12:19	CJM
Total Polychlorinated biphenyls	0.043			0.024		1	12/5/13	12:19	CJM

Surrogates	% Recovery		% REC Limits	
Tetrachloro-m-xylene	36.2*	S-20	50-125	12/5/13 12:19

**ANALYTICAL RESULTS**

Project Location: Osborn Hill  
 Date Received: 11/26/2013  
**Field Sample #: Custodial Closet**  
**Sample ID: 13K1132-07**  
 Sample Matrix: Air  
 Sampled: 11/26/2013 16:29

Sample Description/Location:  
 Sub Description/Location:  
  
 Flow Controller ID:  
 Sample Type:  
 Air Volume L: 1980

**Work Order: 13K1132**

**TO-10A/EPA 680 Modified**

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Monochlorobiphenyls	ND	0.0010		ND	0.00051	1	12/5/13	12:49	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00051	1	12/5/13	12:49	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00051	1	12/5/13	12:49	CJM
Tetrachlorobiphenyls	0.036	0.0020		0.018	0.001	1	12/5/13	12:49	CJM
Pentachlorobiphenyls	0.084	0.0020		0.042	0.001	1	12/5/13	12:49	CJM
Hexachlorobiphenyls	0.016	0.0020		0.0079	0.001	1	12/5/13	12:49	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0015	1	12/5/13	12:49	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0015	1	12/5/13	12:49	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0025	1	12/5/13	12:49	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0025	1	12/5/13	12:49	CJM
Total Polychlorinated biphenyls	0.14			0.068		1	12/5/13	12:49	CJM

Surrogates	% Recovery		% REC Limits		
Tetrachloro-m-xylene	46.8*	S-20	50-125		12/5/13 12:49



**ANALYTICAL RESULTS**

Project Location: Osborn Hill  
 Date Received: 11/26/2013  
**Field Sample #: Library #1**  
**Sample ID: 13K1132-08**  
 Sample Matrix: Air  
 Sampled: 11/26/2013 16:34

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

**Work Order: 13K1132**

**TO-10A/EPA 680 Modified**

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	13:18	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	13:18	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	13:18	CJM
Tetrachlorobiphenyls	0.041	0.0020		0.023	0.0011	1	12/5/13	13:18	CJM
Pentachlorobiphenyls	0.099	0.0020		0.055	0.0011	1	12/5/13	13:18	CJM
Hexachlorobiphenyls	0.015	0.0020		0.0086	0.0011	1	12/5/13	13:18	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13	13:18	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13	13:18	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	12/5/13	13:18	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	12/5/13	13:18	CJM
Total Polychlorinated biphenyls	0.16			0.086		1	12/5/13	13:18	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	50.5	50-125	12/5/13 13:18

**ANALYTICAL RESULTS**

Project Location: Osborn Hill  
 Date Received: 11/26/2013  
**Field Sample #: Rm. 119**  
**Sample ID: 13K1132-09**  
 Sample Matrix: Air  
 Sampled: 11/26/2013 16:41

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

**Work Order: 13K1132**

**TO-10A/EPA 680 Modified**

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	13:48	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	13:48	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	13:48	CJM
Tetrachlorobiphenyls	0.016	0.0020		0.0087	0.0011	1	12/5/13	13:48	CJM
Pentachlorobiphenyls	0.042	0.0020		0.023	0.0011	1	12/5/13	13:48	CJM
Hexachlorobiphenyls	0.0080	0.0020		0.0045	0.0011	1	12/5/13	13:48	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13	13:48	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13	13:48	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	12/5/13	13:48	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	12/5/13	13:48	CJM
Total Polychlorinated biphenyls	0.066			0.036		1	12/5/13	13:48	CJM

Surrogates	% Recovery		% REC Limits	
Tetrachloro-m-xylene	46.0*	S-20	50-125	12/5/13 13:48

**ANALYTICAL RESULTS**

Project Location: Osborn Hill  
 Date Received: 11/26/2013  
**Field Sample #: Rm. 121**  
**Sample ID: 13K1132-10**  
 Sample Matrix: Air  
 Sampled: 11/26/2013 16:44

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

**Work Order: 13K1132**

**TO-10A/EPA 680 Modified**

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Monochlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	14:18	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	14:18	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00056	1	12/5/13	14:18	CJM
Tetrachlorobiphenyls	0.023	0.0020		0.013	0.0011	1	12/5/13	14:18	CJM
Pentachlorobiphenyls	0.041	0.0020		0.023	0.0011	1	12/5/13	14:18	CJM
Hexachlorobiphenyls	0.0096	0.0020		0.0053	0.0011	1	12/5/13	14:18	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13	14:18	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0017	1	12/5/13	14:18	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0028	1	12/5/13	14:18	CJM
Decachlorobiphenyl	ND	0.0050		ND	0.0028	1	12/5/13	14:18	CJM
Total Polychlorinated biphenyls	0.074			0.041		1	12/5/13	14:18	CJM

Surrogates	% Recovery		% REC Limits		
Tetrachloro-m-xylene	40.0*	S-20	50-125		12/5/13 14:18

**ANALYTICAL RESULTS**

Project Location: Osborn Hill  
 Date Received: 11/26/2013  
**Field Sample #: Corridor O/S Rm. 117**  
**Sample ID: 13K1132-11**  
 Sample Matrix: Air  
 Sampled: 11/26/2013 16:50

Sample Description/Location:  
 Sub Description/Location:  
  
 Flow Controller ID:  
 Sample Type:  
 Air Volume L: 1980

**Work Order: 13K1132**

**TO-10A/EPA 680 Modified**

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Monochlorobiphenyls	ND	0.0010		ND	0.00051	1	12/5/13	16:16	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00051	1	12/5/13	16:16	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00051	1	12/5/13	16:16	CJM
Tetrachlorobiphenyls	0.026	0.0020		0.013	0.001	1	12/5/13	16:16	CJM
Pentachlorobiphenyls	0.073	0.0020		0.037	0.001	1	12/5/13	16:16	CJM
Hexachlorobiphenyls	0.016	0.0020		0.0078	0.001	1	12/5/13	16:16	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0015	1	12/5/13	16:16	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0015	1	12/5/13	16:16	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0025	1	12/5/13	16:16	CJM
Decachlorobiphenyl	ND	0.0050	V-20	ND	0.0025	1	12/5/13	16:16	CJM
Total Polychlorinated biphenyls	0.11			0.058		1	12/5/13	16:16	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	64.0	50-125	12/5/13 16:16

**ANALYTICAL RESULTS**

Project Location: Osborn Hill  
 Date Received: 11/26/2013  
**Field Sample #: Rm. 114**  
**Sample ID: 13K1132-12**  
 Sample Matrix: Air  
 Sampled: 11/26/2013 16:55

Sample Description/Location:  
 Sub Description/Location:  
  
 Flow Controller ID:  
 Sample Type:  
 Air Volume L: 1895.25

**Work Order: 13K1132**

**TO-10A/EPA 680 Modified**

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Monochlorobiphenyls	ND	0.0010		ND	0.00053	1	12/5/13 16:45	CJM	
Dichlorobiphenyls	ND	0.0010		ND	0.00053	1	12/5/13 16:45	CJM	
Trichlorobiphenyls	ND	0.0010		ND	0.00053	1	12/5/13 16:45	CJM	
Tetrachlorobiphenyls	0.0082	0.0020		0.0044	0.0011	1	12/5/13 16:45	CJM	
Pentachlorobiphenyls	0.020	0.0020		0.011	0.0011	1	12/5/13 16:45	CJM	
Hexachlorobiphenyls	0.0031	0.0020		0.0016	0.0011	1	12/5/13 16:45	CJM	
Heptachlorobiphenyls	ND	0.0030		ND	0.0016	1	12/5/13 16:45	CJM	
Octachlorobiphenyls	ND	0.0030		ND	0.0016	1	12/5/13 16:45	CJM	
Nonachlorobiphenyls	ND	0.0050		ND	0.0026	1	12/5/13 16:45	CJM	
Decachlorobiphenyl	ND	0.0050	V-20	ND	0.0026	1	12/5/13 16:45	CJM	
Total Polychlorinated biphenyls	0.032			0.017		1	12/5/13 16:45	CJM	

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	51.9	50-125	12/5/13 16:45

**ANALYTICAL RESULTS**

Project Location: Osborn Hill  
 Date Received: 11/26/2013  
**Field Sample #: Corridor O/S Rm. 112**  
**Sample ID: 13K1132-13**  
 Sample Matrix: Air  
 Sampled: 11/26/2013 17:55

Sample Description/Location:  
 Sub Description/Location:  
  
 Flow Controller ID:  
 Sample Type:  
 Air Volume L: 1980

**Work Order: 13K1132**

**TO-10A/EPA 680 Modified**

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Monochlorobiphenyls	ND	0.0010		ND	0.00051	1	12/5/13	17:15	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00051	1	12/5/13	17:15	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00051	1	12/5/13	17:15	CJM
Tetrachlorobiphenyls	0.027	0.0020		0.014	0.001	1	12/5/13	17:15	CJM
Pentachlorobiphenyls	0.068	0.0020		0.034	0.001	1	12/5/13	17:15	CJM
Hexachlorobiphenyls	0.013	0.0020		0.0066	0.001	1	12/5/13	17:15	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0015	1	12/5/13	17:15	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0015	1	12/5/13	17:15	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0025	1	12/5/13	17:15	CJM
Decachlorobiphenyl	ND	0.0050	V-20	ND	0.0025	1	12/5/13	17:15	CJM
Total Polychlorinated biphenyls	0.11			0.055		1	12/5/13	17:15	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	62.8	50-125	12/5/13 17:15

**ANALYTICAL RESULTS**

Project Location: Osborn Hill  
 Date Received: 11/26/2013  
**Field Sample #: Library #2 Duplicate**  
**Sample ID: 13K1132-14**  
 Sample Matrix: Air  
 Sampled: 11/26/2013 13:58

Sample Description/Location:  
 Sub Description/Location:  
  
 Flow Controller ID:  
 Sample Type:  
 Air Volume L: 1980

**Work Order: 13K1132**

**TO-10A/EPA 680 Modified**

Analyte	Total µg		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Monochlorobiphenyls	ND	0.0010		ND	0.00051	1	12/5/13	17:45	CJM
Dichlorobiphenyls	ND	0.0010		ND	0.00051	1	12/5/13	17:45	CJM
Trichlorobiphenyls	ND	0.0010		ND	0.00051	1	12/5/13	17:45	CJM
Tetrachlorobiphenyls	0.030	0.0020		0.015	0.001	1	12/5/13	17:45	CJM
Pentachlorobiphenyls	0.064	0.0020		0.032	0.001	1	12/5/13	17:45	CJM
Hexachlorobiphenyls	0.0082	0.0020		0.0041	0.001	1	12/5/13	17:45	CJM
Heptachlorobiphenyls	ND	0.0030		ND	0.0015	1	12/5/13	17:45	CJM
Octachlorobiphenyls	ND	0.0030		ND	0.0015	1	12/5/13	17:45	CJM
Nonachlorobiphenyls	ND	0.0050		ND	0.0025	1	12/5/13	17:45	CJM
Decachlorobiphenyl	ND	0.0050	V-20	ND	0.0025	1	12/5/13	17:45	CJM
Total Polychlorinated biphenyls	0.10			0.052		1	12/5/13	17:45	CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	70.6	50-125	12/5/13 17:45

**ANALYTICAL RESULTS**

Project Location: Osborn Hill  
 Date Received: 11/26/2013  
**Field Sample #: Field Blank**  
**Sample ID: 13K1132-15**  
 Sample Matrix: Air  
 Sampled: 11/26/2013 00:00

Sample Description/Location:  
 Sub Description/Location:

**Work Order: 13K1132**

Flow Controller ID:  
 Sample Type:

**TO-10A/EPA 680 Modified**

Analyte	Total µg		Flag/Qual	Dilution	Date/Time		Analyst
	Results	RL			Analized		
Monochlorobiphenyls	ND	0.0010		1	12/5/13 18:14		CJM
Dichlorobiphenyls	ND	0.0010		1	12/5/13 18:14		CJM
Trichlorobiphenyls	ND	0.0010		1	12/5/13 18:14		CJM
Tetrachlorobiphenyls	ND	0.0020		1	12/5/13 18:14		CJM
Pentachlorobiphenyls	ND	0.0020		1	12/5/13 18:14		CJM
Hexachlorobiphenyls	ND	0.0020		1	12/5/13 18:14		CJM
Heptachlorobiphenyls	ND	0.0030		1	12/5/13 18:14		CJM
Octachlorobiphenyls	ND	0.0030		1	12/5/13 18:14		CJM
Nonachlorobiphenyls	ND	0.0050		1	12/5/13 18:14		CJM
Decachlorobiphenyl	ND	0.0050	V-20	1	12/5/13 18:14		CJM
Total Polychlorinated biphenyls	0.0			1	12/5/13 18:14		CJM

Surrogates	% Recovery	% REC Limits	
Tetrachloro-m-xylene	51.5	50-125	12/5/13 18:14



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

Lab Number [Field ID]	Batch	Initial [Cartridge	Final [mL]	Date
13K1132-01 [APR]	B086218	1.00	1.00	12/02/13
13K1132-02 [Main Office]	B086218	1.00	1.00	12/02/13
13K1132-03 [Rm. 108]	B086218	1.00	1.00	12/02/13
13K1132-04 [Rm. 107]	B086218	1.00	1.00	12/02/13
13K1132-05 [Rm. 106]	B086218	1.00	1.00	12/02/13
13K1132-06 [Rm. 105]	B086218	1.00	1.00	12/02/13
13K1132-07 [Custodial Closet]	B086218	1.00	1.00	12/02/13
13K1132-08 [Library #1]	B086218	1.00	1.00	12/02/13
13K1132-09 [Rm. 119]	B086218	1.00	1.00	12/02/13
13K1132-10 [Rm. 121]	B086218	1.00	1.00	12/02/13
13K1132-11 [Corridor O/S Rm. 117]	B086218	1.00	1.00	12/02/13
13K1132-12 [Rm. 114]	B086218	1.00	1.00	12/02/13
13K1132-13 [Corridor O/S Rm. 112]	B086218	1.00	1.00	12/02/13
13K1132-14 [Library #2 Duplicate]	B086218	1.00	1.00	12/02/13
13K1132-15 [Field Blank]	B086218	1.00	1.00	12/02/13

**QUALITY CONTROL**

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

Analyte	Total µg		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	Total µg	Result	Limits	RPD	Limit		
<b>Batch B086218 - SW-846 3540C</b>											
<b>Blank (B086218-BLK2)</b>											
						Prepared: 12/02/13 Analyzed: 12/04/13					
Monochlorobiphenyls	ND	0.0010									
Dichlorobiphenyls	ND	0.0010									
Trichlorobiphenyls	ND	0.0010									
Tetrachlorobiphenyls	ND	0.0020									
Pentachlorobiphenyls	ND	0.0020									
Hexachlorobiphenyls	ND	0.0020									
Heptachlorobiphenyls	ND	0.0030									
Octachlorobiphenyls	ND	0.0030									
Nonachlorobiphenyls	ND	0.0050									
Decachlorobiphenyl	ND	0.0050									
Total Polychlorinated biphenyls	0.0										
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.117</i>				<i>0.200</i>		<i>58.6</i>	<i>50-125</i>			
<b>LCS (B086218-BS1)</b>											
						Prepared: 12/02/13 Analyzed: 12/04/13					
Monochlorobiphenyls	0.16	0.0010			0.200		78.9	40-140			
Dichlorobiphenyls	0.16	0.0010			0.200		80.8	40-140			
Trichlorobiphenyls	0.17	0.0010			0.200		83.2	40-140			
Tetrachlorobiphenyls	0.37	0.0020			0.400		92.1	40-140			
Pentachlorobiphenyls	0.35	0.0020			0.400		87.3	40-140			
Hexachlorobiphenyls	0.35	0.0020			0.400		86.5	40-140			
Heptachlorobiphenyls	0.54	0.0030			0.600		90.6	40-140			
Octachlorobiphenyls	0.51	0.0030			0.600		85.1	40-140			
Nonachlorobiphenyls	0.88	0.0050			1.00		88.3	40-140			
Decachlorobiphenyl	0.84	0.0050			1.00		83.9	40-140			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.179</i>				<i>0.200</i>		<i>89.3</i>	<i>50-125</i>			
<b>LCS Dup (B086218-BSD1)</b>											
						Prepared: 12/02/13 Analyzed: 12/04/13					
Monochlorobiphenyls	0.15	0.0010			0.200		74.4	40-140	5.86	50	
Dichlorobiphenyls	0.15	0.0010			0.200		74.1	40-140	8.69	50	
Trichlorobiphenyls	0.15	0.0010			0.200		75.6	40-140	9.49	50	
Tetrachlorobiphenyls	0.32	0.0020			0.400		80.8	40-140	13.1	50	
Pentachlorobiphenyls	0.35	0.0020			0.400		87.8	40-140	0.612	50	
Hexachlorobiphenyls	0.34	0.0020			0.400		84.8	40-140	2.04	50	
Heptachlorobiphenyls	0.52	0.0030			0.600		87.4	40-140	3.61	50	
Octachlorobiphenyls	0.53	0.0030			0.600		88.4	40-140	3.87	50	
Nonachlorobiphenyls	0.95	0.0050			1.00		95.3	40-140	7.62	50	
Decachlorobiphenyl	0.92	0.0050			1.00		92.2	40-140	9.38	50	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.146</i>				<i>0.200</i>		<i>73.2</i>	<i>50-125</i>			

**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.
- S-20 Surrogate recovery is outside of control limits. Sample media does not allow for re-extraction.
  - V-20 Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.







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

www.contestlabs.com

Company Name: **AME ENVIRONMENTAL**

Address:

Project Location: **Osborn Hill**  
 Sampled By: **T. Spaldin**

Proposal Provided? (For Billing purposes)

yes  proposal date

**AIR SAMPLE CHAIN OF CUSTODY RECORD**

13K1132

39 SPRUCE ST  
 EAST LONGMEADOW, MA 01028

Telephone: ( )  
 Project #  
 Client PO #

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT

Fax #:  
 Email:  
 Format:  EXCEL  PDF  GIS KEY  OTHER

Field ID	Sample Description	Media	Lab #	Start		Stop		Total Minutes Sampled	Flow Rate M <sup>3</sup> /Min. or L/Min.	Volume Liters or M <sup>3</sup>	Matrix Code*	ANALYSIS REQUESTED	"Hg		Please fill out completely, sign, date and retain the yellow copy for your record
				Date Time	Date Time	Summa Canister ID	Flow Control ID								
111913-05	Rm. 119			11/23/13 1041	1641	300	5/5	300	1805			TO-10A EPA 1805			
111913-06	Rm. 121			1044	1644	300	5/5	300	1800						
111913-07	Camden of Rm. 117			1050	1650	300	5/6	300	1980						
111913-08	Rm. 114			1054	1654	301	5/5.5	1895.25	1980						
111913-09	Camden of Rm. 112			1155	1755	300	5/5.5	1980							
111913-10	Library #2 - Duplicate			1158	158	300	5/5.5	1980							
111913-11	Field Blank														

Laboratory Comments:

CLIENT COMMENTS:

Relinquished by Signature: **Michael Owen** Date/Time: **11/26/13**

Received by Signature: **Chris F. Blalock** Date/Time: **11-26-2013**

Turnaround \*\*  
 7-Day  
 10-Day  
 Other  
 RUSH \*  
 \*24-Hr  \*48-Hr  
 \*72-Hr  \*4-Day

Special Requirements  
 Regulations:  
 Data Enhancement/RCP?  Y  N  
 Enhanced Data Package  Y  N  
 Required Detection Limits: **<500ug/m<sup>3</sup>**  
 Other: **Total PCB's**

\*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= tedar 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.



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

### AIR Only Receipt Checklist

CLIENT NAME: AMC Environmental RECEIVED BY: LPU DATE: 11-26-2013

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:

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

7) Temperature °C by Temp blank nlq Temperature °C by Temp gun 4.9°C

### Containers received at Con-Test

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

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:

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

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



## **LABORATORY RESULTS**

### **PCB Wipe Sample Results**

December 6, 2013

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

Project Location: Osborn Hill  
Client Job Number:  
Project Number: [none]  
Laboratory Work Order Number: 13K1133

Enclosed are results of analyses for samples received by the laboratory on November 26, 2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa A. Worthington  
Project Manager

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

REPORT DATE: 12/6/2013

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 13K1133

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

PROJECT LOCATION: Osborn Hill

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
W1123-01 Rm 119 Floor	13K1133-01	Wipe		SW-846 8082A	
W1123-02 Rm 119 Wall	13K1133-02	Wipe		SW-846 8082A	
W1123-03 Rm 121 Desk	13K1133-03	Wipe		SW-846 8082A	
W1123-04 Rm 121 bookshelf	13K1133-04	Wipe		SW-846 8082A	
W1123-05 Rm 117 Floor	13K1133-05	Wipe		SW-846 8082A	
W1123-06 Rm 117 Desk	13K1133-06	Wipe		SW-846 8082A	
W1123-07 Rm 114 Bookshelf	13K1133-07	Wipe		SW-846 8082A	
W1123-08 Rm 114 desk	13K1133-08	Wipe		SW-846 8082A	
W1123-09 Rm 112 Floor	13K1133-09	Wipe		SW-846 8082A	
W1123-10 Rm 112 Wall	13K1133-10	Wipe		SW-846 8082A	
W1123-11 APR Wall	13K1133-11	Wipe		SW-846 8082A	
W1123-12 APR Floor	13K1133-12	Wipe		SW-846 8082A	
W1123-13 Main Office Desk	13K1133-13	Wipe		SW-846 8082A	
W1123-14 Main Office Floor	13K1133-14	Wipe		SW-846 8082A	
W1123-15 Rm 105 Floor	13K1133-15	Wipe		SW-846 8082A	
W1123-16 Rm 105 Wall	13K1133-16	Wipe		SW-846 8082A	
W1123-17 Rm 106 Desk	13K1133-17	Wipe		SW-846 8082A	
W1123-18 Rm 106 Wall	13K1133-18	Wipe		SW-846 8082A	
W1123-19 Rm 107 Floor	13K1133-19	Wipe		SW-846 8082A	
W1123-20 Rm 107 Wall	13K1133-20	Wipe		SW-846 8082A	
W1123-21 Rm 108 Desk	13K1133-21	Wipe		SW-846 8082A	
W1123-22 Rm 108 bookshelf	13K1133-22	Wipe		SW-846 8082A	
W1123-23 Custodial Closet Floor	13K1133-23	Wipe		SW-846 8082A	
W1123-24 Library Floor	13K1133-24	Wipe		SW-846 8082A	
W1123-25 Library Book #1	13K1133-25	Wipe		SW-846 8082A	
W1123-26 Library Book #2	13K1133-26	Wipe		SW-846 8082A	
W1123-27 Library Book #3	13K1133-27	Wipe		SW-846 8082A	
W1123-28 Library Book #4	13K1133-28	Wipe		SW-846 8082A	
W1123-29 Blank	13K1133-29	Wipe		SW-846 8082A	
W1123-30 Blank	13K1133-30	Wipe		SW-846 8082A	

**CASE NARRATIVE SUMMARY**

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

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink, appearing to read "Daren J. Damboragian", is written over a light gray rectangular background.

Daren J. Damboragian  
Laboratory Manager

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-01 Rm 119 Floor

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-01

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	12/4/13	12/6/13 1:20	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:20	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:20	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:20	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:20	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:20	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:20	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:20	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:20	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		86.6	30-150					12/6/13 1:20	
Decachlorobiphenyl [2]		93.2	30-150					12/6/13 1:20	
Tetrachloro-m-xylene [1]		84.2	30-150					12/6/13 1:20	
Tetrachloro-m-xylene [2]		87.4	30-150					12/6/13 1:20	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-02 Rm 119 Wall

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-02

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	12/4/13	12/6/13 1:33	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:33	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:33	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:33	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:33	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:33	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:33	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:33	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:33	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		82.7	30-150					12/6/13 1:33	
Decachlorobiphenyl [2]		90.2	30-150					12/6/13 1:33	
Tetrachloro-m-xylene [1]		79.3	30-150					12/6/13 1:33	
Tetrachloro-m-xylene [2]		83.2	30-150					12/6/13 1:33	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-03 Rm 121 Desk

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-03

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	12/4/13	12/6/13 1:46	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:46	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:46	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:46	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:46	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:46	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:46	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:46	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:46	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		81.6	30-150					12/6/13 1:46	
Decachlorobiphenyl [2]		89.7	30-150					12/6/13 1:46	
Tetrachloro-m-xylene [1]		84.4	30-150					12/6/13 1:46	
Tetrachloro-m-xylene [2]		88.8	30-150					12/6/13 1:46	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-04 Rm 121 bookshelf

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-04

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	12/4/13	12/6/13 1:59	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:59	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:59	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:59	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:59	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:59	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:59	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:59	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:59	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		88.4	30-150					12/6/13 1:59	
Decachlorobiphenyl [2]		93.7	30-150					12/6/13 1:59	
Tetrachloro-m-xylene [1]		83.7	30-150					12/6/13 1:59	
Tetrachloro-m-xylene [2]		87.8	30-150					12/6/13 1:59	



Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-05 Rm 117 Floor

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-05

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	12/4/13	12/6/13 2:12	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:12	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:12	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:12	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:12	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:12	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:12	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:12	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:12	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		85.9	30-150					12/6/13 2:12	
Decachlorobiphenyl [2]		92.5	30-150					12/6/13 2:12	
Tetrachloro-m-xylene [1]		82.1	30-150					12/6/13 2:12	
Tetrachloro-m-xylene [2]		86.8	30-150					12/6/13 2:12	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-06 Rm 117 Desk

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-06

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	12/4/13	12/6/13 2:24	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:24	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:24	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:24	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:24	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:24	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:24	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:24	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:24	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		85.5	30-150					12/6/13 2:24	
Decachlorobiphenyl [2]		92.2	30-150					12/6/13 2:24	
Tetrachloro-m-xylene [1]		83.0	30-150					12/6/13 2:24	
Tetrachloro-m-xylene [2]		87.9	30-150					12/6/13 2:24	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-07 Rm 114 Bookshelf

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-07

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	12/4/13	12/6/13 2:37	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:37	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:37	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:37	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:37	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:37	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:37	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:37	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:37	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		81.1	30-150					12/6/13 2:37	
Decachlorobiphenyl [2]		88.5	30-150					12/6/13 2:37	
Tetrachloro-m-xylene [1]		82.4	30-150					12/6/13 2:37	
Tetrachloro-m-xylene [2]		86.5	30-150					12/6/13 2:37	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-08 Rm 114 desk

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-08

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	12/4/13	12/6/13 2:50	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:50	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:50	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:50	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:50	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:50	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:50	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:50	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 2:50	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		87.7	30-150					12/6/13 2:50	
Decachlorobiphenyl [2]		94.6	30-150					12/6/13 2:50	
Tetrachloro-m-xylene [1]		86.7	30-150					12/6/13 2:50	
Tetrachloro-m-xylene [2]		90.7	30-150					12/6/13 2:50	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-09 Rm 112 Floor

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-09

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	12/4/13	12/6/13 3:03	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:03	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:03	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:03	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:03	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:03	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:03	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:03	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:03	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		89.9	30-150					12/6/13 3:03	
Decachlorobiphenyl [2]		96.8	30-150					12/6/13 3:03	
Tetrachloro-m-xylene [1]		85.3	30-150					12/6/13 3:03	
Tetrachloro-m-xylene [2]		89.1	30-150					12/6/13 3:03	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-10 Rm 112 Wall

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-10

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	12/4/13	12/6/13 3:16	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:16	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:16	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:16	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:16	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:16	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:16	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:16	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:16	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		84.7	30-150					12/6/13 3:16	
Decachlorobiphenyl [2]		91.3	30-150					12/6/13 3:16	
Tetrachloro-m-xylene [1]		81.8	30-150					12/6/13 3:16	
Tetrachloro-m-xylene [2]		86.8	30-150					12/6/13 3:16	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-11 APR Wall

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-11

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	12/4/13	12/6/13 3:54	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:54	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:54	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:54	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:54	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:54	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:54	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:54	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 3:54	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		92.9	30-150					12/6/13 3:54	
Decachlorobiphenyl [2]		100	30-150					12/6/13 3:54	
Tetrachloro-m-xylene [1]		83.3	30-150					12/6/13 3:54	
Tetrachloro-m-xylene [2]		87.5	30-150					12/6/13 3:54	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-12 APR Floor

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-12

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	12/4/13	12/6/13 4:07	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:07	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:07	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:07	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:07	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:07	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:07	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:07	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:07	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		85.2	30-150					12/6/13 4:07	
Decachlorobiphenyl [2]		91.9	30-150					12/6/13 4:07	
Tetrachloro-m-xylene [1]		82.1	30-150					12/6/13 4:07	
Tetrachloro-m-xylene [2]		85.8	30-150					12/6/13 4:07	



Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-13 Main Office Desk

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-13

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	12/4/13	12/6/13 4:20	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:20	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:20	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:20	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:20	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:20	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:20	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:20	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:20	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		93.9	30-150					12/6/13 4:20	
Decachlorobiphenyl [2]		102	30-150					12/6/13 4:20	
Tetrachloro-m-xylene [1]		84.8	30-150					12/6/13 4:20	
Tetrachloro-m-xylene [2]		88.7	30-150					12/6/13 4:20	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-14 Main Office Floor

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-14

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	12/4/13	12/6/13 4:33	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:33	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:33	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:33	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:33	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:33	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:33	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:33	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:33	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		83.6	30-150					12/6/13 4:33	
Decachlorobiphenyl [2]		90.3	30-150					12/6/13 4:33	
Tetrachloro-m-xylene [1]		84.5	30-150					12/6/13 4:33	
Tetrachloro-m-xylene [2]		88.5	30-150					12/6/13 4:33	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-15 Rm 105 Floor

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-15

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	12/4/13	12/6/13 4:46	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:46	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:46	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:46	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:46	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:46	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:46	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:46	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:46	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		90.5	30-150					12/6/13 4:46	
Decachlorobiphenyl [2]		97.4	30-150					12/6/13 4:46	
Tetrachloro-m-xylene [1]		84.2	30-150					12/6/13 4:46	
Tetrachloro-m-xylene [2]		88.1	30-150					12/6/13 4:46	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-16 Rm 105 Wall

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-16

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	12/4/13	12/6/13 4:59	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:59	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:59	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:59	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:59	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:59	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:59	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:59	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 4:59	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		89.3	30-150					12/6/13 4:59	
Decachlorobiphenyl [2]		96.7	30-150					12/6/13 4:59	
Tetrachloro-m-xylene [1]		84.3	30-150					12/6/13 4:59	
Tetrachloro-m-xylene [2]		88.2	30-150					12/6/13 4:59	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-17 Rm 106 Desk

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-17

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	12/4/13	12/6/13 5:11	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:11	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:11	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:11	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:11	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:11	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:11	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:11	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:11	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		89.9	30-150					12/6/13 5:11	
Decachlorobiphenyl [2]		96.7	30-150					12/6/13 5:11	
Tetrachloro-m-xylene [1]		84.8	30-150					12/6/13 5:11	
Tetrachloro-m-xylene [2]		88.7	30-150					12/6/13 5:11	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-18 Rm 106 Wall

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-18

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	12/4/13	12/6/13 5:24	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:24	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:24	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:24	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:24	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:24	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:24	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:24	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:24	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		91.7	30-150					12/6/13 5:24	
Decachlorobiphenyl [2]		99.6	30-150					12/6/13 5:24	
Tetrachloro-m-xylene [1]		84.3	30-150					12/6/13 5:24	
Tetrachloro-m-xylene [2]		88.3	30-150					12/6/13 5:24	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-19 Rm 107 Floor

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-19

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	12/4/13	12/6/13 5:37	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:37	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:37	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:37	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:37	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:37	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:37	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:37	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:37	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		89.5	30-150					12/6/13 5:37	
Decachlorobiphenyl [2]		96.8	30-150					12/6/13 5:37	
Tetrachloro-m-xylene [1]		88.6	30-150					12/6/13 5:37	
Tetrachloro-m-xylene [2]		93.3	30-150					12/6/13 5:37	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-20 Rm 107 Wall

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-20

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	12/4/13	12/6/13 5:50	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:50	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:50	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:50	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:50	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:50	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:50	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:50	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 5:50	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		81.7	30-150					12/6/13 5:50	
Decachlorobiphenyl [2]		88.1	30-150					12/6/13 5:50	
Tetrachloro-m-xylene [1]		78.5	30-150					12/6/13 5:50	
Tetrachloro-m-xylene [2]		82.3	30-150					12/6/13 5:50	



Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-21 Rm 108 Desk

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-21

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	12/4/13	12/5/13 23:16	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:16	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:16	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:16	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:16	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:16	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:16	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:16	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:16	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		99.5	30-150					12/5/13 23:16	
Decachlorobiphenyl [2]		103	30-150					12/5/13 23:16	
Tetrachloro-m-xylene [1]		94.6	30-150					12/5/13 23:16	
Tetrachloro-m-xylene [2]		94.2	30-150					12/5/13 23:16	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-22 Rm 108 bookshelf

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-22

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	12/4/13	12/5/13 23:28	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:28	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:28	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:28	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:28	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:28	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:28	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:28	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:28	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		125	30-150					12/5/13 23:28	
Decachlorobiphenyl [2]		127	30-150					12/5/13 23:28	
Tetrachloro-m-xylene [1]		107	30-150					12/5/13 23:28	
Tetrachloro-m-xylene [2]		108	30-150					12/5/13 23:28	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-23 Custodial Closet Floor

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-23

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	12/4/13	12/5/13 23:41	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:41	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:41	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:41	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:41	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:41	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:41	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:41	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:41	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		104	30-150					12/5/13 23:41	
Decachlorobiphenyl [2]		108	30-150					12/5/13 23:41	
Tetrachloro-m-xylene [1]		94.1	30-150					12/5/13 23:41	
Tetrachloro-m-xylene [2]		94.0	30-150					12/5/13 23:41	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-24 Library Floor

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-24

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	12/4/13	12/5/13 23:53	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:53	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:53	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:53	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:53	MJC
Aroclor-1254 [1]	0.53	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:53	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:53	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:53	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/5/13 23:53	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		114	30-150					12/5/13 23:53	
Decachlorobiphenyl [2]		117	30-150					12/5/13 23:53	
Tetrachloro-m-xylene [1]		104	30-150					12/5/13 23:53	
Tetrachloro-m-xylene [2]		103	30-150					12/5/13 23:53	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-25 Library Book #1

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-25

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	12/4/13	12/6/13 0:05	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:05	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:05	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:05	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:05	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:05	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:05	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:05	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:05	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		105	30-150					12/6/13 0:05	
Decachlorobiphenyl [2]		107	30-150					12/6/13 0:05	
Tetrachloro-m-xylene [1]		88.7	30-150					12/6/13 0:05	
Tetrachloro-m-xylene [2]		88.7	30-150					12/6/13 0:05	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-26 Library Book #2

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-26

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	12/4/13	12/6/13 0:18	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:18	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:18	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:18	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:18	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:18	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:18	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:18	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:18	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		133	30-150					12/6/13 0:18	
Decachlorobiphenyl [2]		139	30-150					12/6/13 0:18	
Tetrachloro-m-xylene [1]		116	30-150					12/6/13 0:18	
Tetrachloro-m-xylene [2]		117	30-150					12/6/13 0:18	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-27 Library Book #3

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-27

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	12/4/13	12/6/13 0:30	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:30	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:30	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:30	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:30	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:30	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:30	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:30	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:30	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		108	30-150					12/6/13 0:30	
Decachlorobiphenyl [2]		113	30-150					12/6/13 0:30	
Tetrachloro-m-xylene [1]		98.8	30-150					12/6/13 0:30	
Tetrachloro-m-xylene [2]		99.3	30-150					12/6/13 0:30	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-28 Library Book #4

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-28

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	12/4/13	12/6/13 0:42	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:42	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:42	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:42	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:42	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:42	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:42	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:42	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:42	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		105	30-150					12/6/13 0:42	
Decachlorobiphenyl [2]		110	30-150					12/6/13 0:42	
Tetrachloro-m-xylene [1]		93.5	30-150					12/6/13 0:42	
Tetrachloro-m-xylene [2]		94.2	30-150					12/6/13 0:42	



Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-29 Blank

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-29

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	12/4/13	12/6/13 0:55	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:55	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:55	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:55	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:55	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:55	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:55	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:55	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 0:55	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		115	30-150					12/6/13 0:55	
Decachlorobiphenyl [2]		119	30-150					12/6/13 0:55	
Tetrachloro-m-xylene [1]		99.9	30-150					12/6/13 0:55	
Tetrachloro-m-xylene [2]		101	30-150					12/6/13 0:55	

Project Location: Osborn Hill

Sample Description:

Work Order: 13K1133

Date Received: 11/26/2013

Field Sample #: W1123-30 Blank

Sampled: 11/23/2013 00:00

Sample ID: 13K1133-30

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	12/4/13	12/6/13 1:07	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:07	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:07	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:07	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:07	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:07	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:07	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:07	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	12/4/13	12/6/13 1:07	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		103	30-150					12/6/13 1:07	
Decachlorobiphenyl [2]		108	30-150					12/6/13 1:07	
Tetrachloro-m-xylene [1]		93.9	30-150					12/6/13 1:07	
Tetrachloro-m-xylene [2]		94.2	30-150					12/6/13 1:07	

**Sample Extraction Data**

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

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
13K1133-01 [W1123-01 Rm 119 Floor]	B086389	1.00	10.0	12/04/13
13K1133-02 [W1123-02 Rm 119 Wall]	B086389	1.00	10.0	12/04/13
13K1133-03 [W1123-03 Rm 121 Desk]	B086389	1.00	10.0	12/04/13
13K1133-04 [W1123-04 Rm 121 bookshelf]	B086389	1.00	10.0	12/04/13
13K1133-05 [W1123-05 Rm 117 Floor]	B086389	1.00	10.0	12/04/13
13K1133-06 [W1123-06 Rm 117 Desk]	B086389	1.00	10.0	12/04/13
13K1133-07 [W1123-07 Rm 114 Bookshelf]	B086389	1.00	10.0	12/04/13
13K1133-08 [W1123-08 Rm 114 desk]	B086389	1.00	10.0	12/04/13
13K1133-09 [W1123-09 Rm 112 Floor]	B086389	1.00	10.0	12/04/13
13K1133-10 [W1123-10 Rm 112 Wall]	B086389	1.00	10.0	12/04/13
13K1133-11 [W1123-11 APR Wall]	B086389	1.00	10.0	12/04/13
13K1133-12 [W1123-12 APR Floor]	B086389	1.00	10.0	12/04/13
13K1133-13 [W1123-13 Main Office Desk]	B086389	1.00	10.0	12/04/13
13K1133-14 [W1123-14 Main Office Floor]	B086389	1.00	10.0	12/04/13
13K1133-15 [W1123-15 Rm 105 Floor]	B086389	1.00	10.0	12/04/13
13K1133-16 [W1123-16 Rm 105 Wall]	B086389	1.00	10.0	12/04/13
13K1133-17 [W1123-17 Rm 106 Desk]	B086389	1.00	10.0	12/04/13
13K1133-18 [W1123-18 Rm 106 Wall]	B086389	1.00	10.0	12/04/13
13K1133-19 [W1123-19 Rm 107 Floor]	B086389	1.00	10.0	12/04/13
13K1133-20 [W1123-20 Rm 107 Wall]	B086389	1.00	10.0	12/04/13

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

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
13K1133-21 [W1123-21 Rm 108 Desk]	B086390	1.00	10.0	12/04/13
13K1133-22 [W1123-22 Rm 108 bookshelf]	B086390	1.00	10.0	12/04/13
13K1133-23 [W1123-23 Custodial Closet Floor]	B086390	1.00	10.0	12/04/13
13K1133-24 [W1123-24 Library Floor]	B086390	1.00	10.0	12/04/13
13K1133-25 [W1123-25 Library Book #1]	B086390	1.00	10.0	12/04/13
13K1133-26 [W1123-26 Library Book #2]	B086390	1.00	10.0	12/04/13
13K1133-27 [W1123-27 Library Book #3]	B086390	1.00	10.0	12/04/13
13K1133-28 [W1123-28 Library Book #4]	B086390	1.00	10.0	12/04/13
13K1133-29 [W1123-29 Blank]	B086390	1.00	10.0	12/04/13
13K1133-30 [W1123-30 Blank]	B086390	1.00	10.0	12/04/13

**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 B086389 - SW-846 3540C**

**Blank (B086389-BLK1)**

Prepared: 12/04/13 Analyzed: 12/06/13

Aroclor-1016	ND	0.20	µg/Wipe							
Aroclor-1016 [2C]	ND	0.20	µg/Wipe							
Aroclor-1221	ND	0.20	µg/Wipe							
Aroclor-1221 [2C]	ND	0.20	µg/Wipe							
Aroclor-1232	ND	0.20	µg/Wipe							
Aroclor-1232 [2C]	ND	0.20	µg/Wipe							
Aroclor-1242	ND	0.20	µg/Wipe							
Aroclor-1242 [2C]	ND	0.20	µg/Wipe							
Aroclor-1248	ND	0.20	µg/Wipe							
Aroclor-1248 [2C]	ND	0.20	µg/Wipe							
Aroclor-1254	ND	0.20	µg/Wipe							
Aroclor-1254 [2C]	ND	0.20	µg/Wipe							
Aroclor-1260	ND	0.20	µg/Wipe							
Aroclor-1260 [2C]	ND	0.20	µg/Wipe							
Aroclor-1262	ND	0.20	µg/Wipe							
Aroclor-1262 [2C]	ND	0.20	µg/Wipe							
Aroclor-1268	ND	0.20	µg/Wipe							
Aroclor-1268 [2C]	ND	0.20	µg/Wipe							
Surrogate: Decachlorobiphenyl	1.68		µg/Wipe	2.00		83.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.84		µg/Wipe	2.00		92.0	30-150			
Surrogate: Tetrachloro-m-xylene	1.64		µg/Wipe	2.00		81.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.69		µg/Wipe	2.00		84.4	30-150			

**LCS (B086389-BS1)**

Prepared: 12/04/13 Analyzed: 12/06/13

Aroclor-1016	0.44	0.20	µg/Wipe	0.500		88.6	40-140			
Aroclor-1016 [2C]	0.46	0.20	µg/Wipe	0.500		92.6	40-140			
Aroclor-1260	0.44	0.20	µg/Wipe	0.500		88.4	40-140			
Aroclor-1260 [2C]	0.46	0.20	µg/Wipe	0.500		92.3	40-140			
Surrogate: Decachlorobiphenyl	1.72		µg/Wipe	2.00		86.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.85		µg/Wipe	2.00		92.4	30-150			
Surrogate: Tetrachloro-m-xylene	1.63		µg/Wipe	2.00		81.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.69		µg/Wipe	2.00		84.5	30-150			

**LCS Dup (B086389-BSD1)**

Prepared: 12/04/13 Analyzed: 12/06/13

Aroclor-1016	0.42	0.20	µg/Wipe	0.500		83.6	40-140	5.77	30	
Aroclor-1016 [2C]	0.44	0.20	µg/Wipe	0.500		87.5	40-140	5.69	30	
Aroclor-1260	0.42	0.20	µg/Wipe	0.500		84.5	40-140	4.49	30	
Aroclor-1260 [2C]	0.44	0.20	µg/Wipe	0.500		88.9	40-140	3.70	30	
Surrogate: Decachlorobiphenyl	1.77		µg/Wipe	2.00		88.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.92		µg/Wipe	2.00		95.8	30-150			
Surrogate: Tetrachloro-m-xylene	1.67		µg/Wipe	2.00		83.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.72		µg/Wipe	2.00		85.9	30-150			

**QUALITY CONTROL**

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control**

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

**Batch B086390 - SW-846 3540C**

**Blank (B086390-BLK1)**

Prepared: 12/04/13 Analyzed: 12/05/13

Aroclor-1016	ND	0.20	µg/Wipe							
Aroclor-1016 [2C]	ND	0.20	µg/Wipe							
Aroclor-1221	ND	0.20	µg/Wipe							
Aroclor-1221 [2C]	ND	0.20	µg/Wipe							
Aroclor-1232	ND	0.20	µg/Wipe							
Aroclor-1232 [2C]	ND	0.20	µg/Wipe							
Aroclor-1242	ND	0.20	µg/Wipe							
Aroclor-1242 [2C]	ND	0.20	µg/Wipe							
Aroclor-1248	ND	0.20	µg/Wipe							
Aroclor-1248 [2C]	ND	0.20	µg/Wipe							
Aroclor-1254	ND	0.20	µg/Wipe							
Aroclor-1254 [2C]	ND	0.20	µg/Wipe							
Aroclor-1260	ND	0.20	µg/Wipe							
Aroclor-1260 [2C]	ND	0.20	µg/Wipe							
Aroclor-1262	ND	0.20	µg/Wipe							
Aroclor-1262 [2C]	ND	0.20	µg/Wipe							
Aroclor-1268	ND	0.20	µg/Wipe							
Aroclor-1268 [2C]	ND	0.20	µg/Wipe							
Surrogate: Decachlorobiphenyl	2.76		µg/Wipe	2.00		138	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.86		µg/Wipe	2.00		143	30-150			
Surrogate: Tetrachloro-m-xylene	2.32		µg/Wipe	2.00		116	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.33		µg/Wipe	2.00		116	30-150			

**LCS (B086390-BS1)**

Prepared: 12/04/13 Analyzed: 12/05/13

Aroclor-1016	0.48	0.20	µg/Wipe	0.500		95.5	40-140			
Aroclor-1016 [2C]	0.47	0.20	µg/Wipe	0.500		94.7	40-140			
Aroclor-1260	0.50	0.20	µg/Wipe	0.500		99.3	40-140			
Aroclor-1260 [2C]	0.54	0.20	µg/Wipe	0.500		108	40-140			
Surrogate: Decachlorobiphenyl	2.26		µg/Wipe	2.00		113	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.33		µg/Wipe	2.00		117	30-150			
Surrogate: Tetrachloro-m-xylene	1.84		µg/Wipe	2.00		91.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.83		µg/Wipe	2.00		91.5	30-150			

**LCS Dup (B086390-BSD1)**

Prepared: 12/04/13 Analyzed: 12/05/13

Aroclor-1016	0.46	0.20	µg/Wipe	0.500		91.9	40-140	3.87	30	
Aroclor-1016 [2C]	0.47	0.20	µg/Wipe	0.500		93.7	40-140	1.12	30	
Aroclor-1260	0.48	0.20	µg/Wipe	0.500		95.1	40-140	4.32	30	
Aroclor-1260 [2C]	0.51	0.20	µg/Wipe	0.500		103	40-140	4.40	30	
Surrogate: Decachlorobiphenyl	2.14		µg/Wipe	2.00		107	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.20		µg/Wipe	2.00		110	30-150			
Surrogate: Tetrachloro-m-xylene	1.76		µg/Wipe	2.00		87.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.75		µg/Wipe	2.00		87.4	30-150			

**FLAG/QUALIFIER SUMMARY**

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

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

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

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
---------	----------------

**No certified Analyses included in this Report**

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2014
CT	Connecticut Department of Public Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2014
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2014
RI	Rhode Island Department of Health	LAO00112	12/30/2013
NC	North Carolina Div. of Water Quality	652	12/31/2013
NJ	New Jersey DEP	MA007 NELAP	06/30/2014
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	02/23/2014
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2013
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

**CHAIN OF CUSTODY RECORD**

39 Spruce Street  
East Longmeadow, MA 01028

Page 1 of 3

Company Name: **PMC Environmental**

Address: \_\_\_\_\_

Project # \_\_\_\_\_

Attention: \_\_\_\_\_

Project Location: **Deer Hill**

Sampled By: **Jeff Starbuck**

Project Proposal Provided? (for billing purposes)  
 Yes  No  
proposal date \_\_\_\_\_

Client PO# \_\_\_\_\_

DATA DELIVERY (check all that apply)  
 FAX  EMAIL  WEBSITE

Fax # \_\_\_\_\_

Email: \_\_\_\_\_

Format  
 PDF  EXCEL  GIS  
 OTHER \_\_\_\_\_

Collection

"Enhanced Data Package"

Con-Test Lab ID (laboratory use only)

Client Sample ID / Description

Beginning Date/Time

Ending Date/Time

Composite

Grab

\*Matrix Type Code

\*Matrix Code

# of Containers

\*\* Preservation

\*\*\* Container Code

01 W123-01 Rm. 119 Floor

11-23-13

02 -02 " Wall

03 -03 Rm. 121 desk

04 -04 " bot. SHIP

05 -05 Rm. 117 floor

06 -06 " Wall

07 -07 Rm. 114 bookshelf

08 -08 " desk

09 -09 Rm. 117 floor

10 -10 " Wall

Comments:

Surface Area = 100cm<sup>2</sup>

Requiring by: (signature)

Date/Time: 11/23/13

Turnaround: 7-Day

Detection Limit Requirements

Is your project MCP or RCP?

MCP Form Required

Received by: (signature)

Date/Time: 11/26/13

Turnaround: 10-Day

Detection Limit Requirements

Is your project MCP or RCP?

RCP Form Required

Received by: (signature)

Date/Time: 11/26/13

Turnaround: 148-Hr

Detection Limit Requirements

Is your project MCP or RCP?

MA State DW Form Required

Received by: (signature)

Date/Time: 11/26/13

Turnaround: 1830

Detection Limit Requirements

Is your project MCP or RCP?

MA State DW Form Required

Received by: (signature)

Date/Time: 11/26/13

Turnaround: 1830

Detection Limit Requirements

Is your project MCP or RCP?

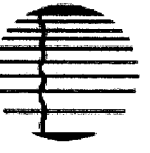
MA State DW Form Required

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

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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





**con-test**

ANALYTICAL LABORATORY

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

**CHAIN OF CUSTODY RECORD**

39 Spruce Street  
Eastlongmeadow, MA 01028

Company Name: AMC Environmental

Address: \_\_\_\_\_

Attention: \_\_\_\_\_

Project Location: OSBORN HILL

Sampled By: Jeff Stenstrom

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project Proposal Provider: \_\_\_\_\_ (for billing purposes)

Project # \_\_\_\_\_

Client PO# \_\_\_\_\_

DATA DELIVERY (check all that apply)

FAX  EMAIL  WEBSITE

Fax # \_\_\_\_\_

Email: \_\_\_\_\_

Format: \_\_\_\_\_

PDF  EXCEL  GIS

OTHER \_\_\_\_\_

"Enhanced Data Package"

Collection

Beginning Date/Time

Ending Date/Time

Composite

Grab

Matrix Code

Canv Code

Canv Code

Canv Code

Canv Code

Canv Code

Canv Code

Canv Code

Canv Code

Canv Code

Canv Code

Canv Code

Canv Code

ANALYSIS REQUESTED

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# of Containers

\*\* Preservation

\*\*\* Container Code

Dissolved Meta

Field Filtered

Lab to Filter

\*\*\*Cont. Code:

A=amber glass

G=glass

P=plastic

ST=sterile

V=vial

S=summa can

T=tederal bag

O=Other

\*\*Preservation

I=Ice

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



**con-test**  
ANALYTICAL LABORATORY

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

**CHAIN OF CUSTODY RECORD**

Rev 04.05.12  
13K1133

39 Spruce Street  
Eastlongmeadow, MA 01028

Company Name: AME ENVIRONMENTAL Telephone: \_\_\_\_\_

Address: \_\_\_\_\_ Project # \_\_\_\_\_

Attention: \_\_\_\_\_ Client PO# \_\_\_\_\_

Project Location: COXON HILL

Sampled By: J.P. JORDAN

Project Proposal Provided? (for billing purposes)  
 yes  no Proposal date \_\_\_\_\_

DATA DELIVERY (check all that apply)  
 FAX  EMAIL  WEBSITE

Fax # \_\_\_\_\_

Email: \_\_\_\_\_

Format: \_\_\_\_\_

Collection:  PDF  EXCEL  GIS  OTHER

"Enhanced Data Package"

Beginning Date/Time \_\_\_\_\_

Ending Date/Time \_\_\_\_\_

Composite

Grab

\*Matrix Code

Sample Code

Con-Test Lab ID <small>(Laboratory use only)</small>	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	*Matrix Code	Sample Code
21	W123-21 gm. DB desk		11/23/13				
22	22 " bookshelf						
23	23 " bookshelf floor						
24	24 " floor floor						
25	25 " Linen bookshelf						
26	26 " " #2						
27	27 " " #3						
28	28 " " #11						
29	29 " blank						
30	30 " blank						

Comments: Subarea 0502 = 100cm<sup>2</sup>

Relinquished by: [Signature] Date/Time: 11/21/13

Received by: [Signature] Date/Time: 11/26/13

Received by: [Signature] Date/Time: 11/26/13

Received by: [Signature] Date/Time: 11/26/13

Turnaround <sup>††</sup>

7-Day  10-Day  Other \_\_\_\_\_

24-Hr  48-Hr  RUSH <sup>†</sup>

72-Hr  4-Day

Require lab approval

Detection Limit Requirements  
Massachusetts: \_\_\_\_\_  
Connecticut: 21 PPM

Other: \_\_\_\_\_

ANALYSIS REQUESTED

Asst 8082A

Asst 8082A

Asst 8082A

Asst 8082A

Asst 8082A

Asst 8082A

Asst 8082A

Asst 8082A

Asst 8082A

Asst 8082A

Asst 8082A

Asst 8082A

Asst 8082A

Asst 8082A

Asst 8082A

Asst 8082A

Asst 8082A

Asst 8082A

Asst 8082A

Asst 8082A

# of Containers  
<sup>\*\*</sup> Preservation  
<sup>\*\*\*</sup> Container Code

Dissolved Meta  
 Field Filtered  
 Lab to Filter

<sup>\*\*\*</sup> Cont. Code:  
A=amber glass  
G=glass  
P=plastic  
ST=sterile  
V=vial  
S=summary can  
T=tetralar bag  
O=Other

<sup>\*\*</sup> Preservation  
I = Iced  
H = HCL  
M = Methanol  
N = Nitric Acid  
S = Sulfuric Acid  
B = Sodium bisulfite  
X = Na hydroxide  
T = Na thiosulfate  
O = Other

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

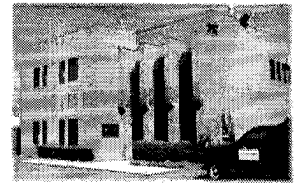
Is your project MCP or RCP?  
 MCP Form Required  
 RCP Form Required  
 MA State DW Form Required PWSID # \_\_\_\_\_

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



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

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



### Sample Receipt Checklist

CLIENT NAME: AMC Environmental RECEIVED BY: JMH DATE: 4/26/13

- 1) Was the chain(s) of custody relinquished and signed?  Yes No No CoC Included  
 2) Does the chain agree with the samples?  Yes No  
 If not, explain:  
 3) Are all the samples in good condition?  Yes No  
 If not, explain:

4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

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

Temperature °C by Temp blank \_\_\_\_\_ Temperature °C by Temp gun 4.2°

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

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

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

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

7) Location where samples are stored:

19

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

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

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

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

### Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	<u>30</u>
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below		Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl \_\_\_\_\_ # Methanol \_\_\_\_\_  
 # Bisulfate \_\_\_\_\_ # DI Water \_\_\_\_\_  
 # Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_  
 Time and Date Frozen: \_\_\_\_\_

Doc# 277

Rev. 4 August 2013

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

<u>Question</u>	<u>Answer (True/False)</u>		<u>Comment</u>
	T	F/NA	
1) The cooler's custody seal, if present, is intact.		NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T		
3) Samples were received on ice.	T		
4) Cooler Temperature is acceptable.	T		
5) Cooler Temperature is recorded.	T		
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 requested analyses, including any requested MS/MSDs.	T		
19) Trip blanks provided if applicable.		NA	
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		

Doc #277 Rev. 4 August 2013

**Who notified of False statements?**

Log-In Technician Initials: JMN

**Date/Time:**

Date/Time: 11/26/13 1830