

August 13, 2014

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

Project Location: Osborn School  
Client Job Number:  
Project Number: [none]  
Laboratory Work Order Number: 14H0423

Enclosed are results of analyses for samples received by the laboratory on August 11, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Lisa Worthington", is displayed on a light gray rectangular background.

Lisa A. Worthington  
Project Manager

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

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

REPORT DATE: 8/13/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

### ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14H0423

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

PROJECT LOCATION: Osborn School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
C0810-01	14H0423-01	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-02	14H0423-02	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-03	14H0423-03	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-04	14H0423-04	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-05	14H0423-05	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-06	14H0423-06	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-07	14H0423-07	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-08	14H0423-08	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-09	14H0423-09	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-10	14H0423-10	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-11	14H0423-11	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-12	14H0423-12	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-13	14H0423-13	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-14	14H0423-14	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-15	14H0423-15	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-16	14H0423-16	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-17	14H0423-17	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-18	14H0423-18	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-19	14H0423-19	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-20	14H0423-20	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-21	14H0423-21	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-22	14H0423-22	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-23	14H0423-23	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-24	14H0423-24	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
C0810-25	14H0423-25	Product/Solid	Main Hallway Concrete Slab	SW-846 8082A	
W0810-01	14H0423-26	Wipe	Main Hallway Poly	SW-846 8082A	
W0810-02	14H0423-27	Wipe	Main Hallway Poly	SW-846 8082A	
W0810-03	14H0423-28	Wipe	Main Hallway Metal Behind Base	SW-846 8082A	
W0810-04	14H0423-29	Wipe	Main Hallway Metal Behind Base	SW-846 8082A	
W0810-05	14H0423-30	Wipe	Main Hallway Metal Behind Base	SW-846 8082A	
W0810-06	14H0423-31	Wipe	Main Hallway Metal Behind Base	SW-846 8082A	
W0810-07	14H0423-32	Wipe	Main Hallway Metal Behind Base	SW-846 8082A	
W0810-08	14H0423-33	Wipe	Main Hallway Metal Behind Base	SW-846 8082A	
W0810-09	14H0423-34	Wipe	Main Hallway Metal Behind Base	SW-846 8082A	
W0810-10	14H0423-35	Wipe	Main Hallway Metal Behind Base	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.

**SW-846 8082A****Qualifications:****O-03**

Sample contains two incompletely resolved aroclors. Aroclor with the closest matching pattern is reported.

**Analyte & Samples(s) Qualified:****Aroclor-1254**

14H0423-25[C0810-25], 14H0423-29[W0810-04]

**Aroclor-1254 [2C]**

14H0423-25[C0810-25], 14H0423-29[W0810-04]

**O-27**

Elevated reporting limit due to sample matrix interference. Multiple extract clean-up procedures were performed on this sample, but they did not sufficiently remove the interference to meet the requested reporting limit.

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

14H0423-24[C0810-24]

**S-01**

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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

14H0423-24[C0810-24]

**Decachlorobiphenyl [2C]**

14H0423-24[C0810-24]

**Tetrachloro-m-xylene**

14H0423-24[C0810-24]

**Tetrachloro-m-xylene [2C]**

14H0423-24[C0810-24]

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.



Tod E. Kopyscinski  
Air Lab Director

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

Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Sampled: 8/10/2014 00:00

Field Sample #: C0810-01

Sample ID: 14H0423-01

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 16:54	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 16:54	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 16:54	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 16:54	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 16:54	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 16:54	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 16:54	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 16:54	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 16:54	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	104	30-150						8/12/14 16:54	
Decachlorobiphenyl [2]	104	30-150						8/12/14 16:54	
Tetrachloro-m-xylene [1]	93.2	30-150						8/12/14 16:54	
Tetrachloro-m-xylene [2]	101	30-150						8/12/14 16:54	

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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-02

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-02

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:11	MJC
Aroclor-1221 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:11	MJC
Aroclor-1232 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:11	MJC
Aroclor-1242 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:11	MJC
Aroclor-1248 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:11	MJC
Aroclor-1254 [1]	0.26	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:11	MJC
Aroclor-1260 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:11	MJC
Aroclor-1262 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:11	MJC
Aroclor-1268 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:11	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	102	30-150						8/12/14 17:11	
Decachlorobiphenyl [2]	101	30-150						8/12/14 17:11	
Tetrachloro-m-xylene [1]	88.5	30-150						8/12/14 17:11	
Tetrachloro-m-xylene [2]	95.7	30-150						8/12/14 17:11	

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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-03

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-03

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:41	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:41	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:41	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:41	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:41	MJC
Aroclor-1254 [1]	0.13	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:41	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:41	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:41	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:41	MJC
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	106		30-150				8/12/14 17:41		
Decachlorobiphenyl [2]	107		30-150				8/12/14 17:41		
Tetrachloro-m-xylene [1]	93.0		30-150				8/12/14 17:41		
Tetrachloro-m-xylene [2]	101		30-150				8/12/14 17:41		



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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-04

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-04

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:58	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:58	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:58	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:58	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:58	MJC
Aroclor-1254 [1]	0.54	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:58	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:58	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:58	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 17:58	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	95.2	30-150						8/12/14 17:58	
Decachlorobiphenyl [2]	94.2	30-150						8/12/14 17:58	
Tetrachloro-m-xylene [1]	89.4	30-150						8/12/14 17:58	
Tetrachloro-m-xylene [2]	95.6	30-150						8/12/14 17:58	

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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-05

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-05

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:16	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:16	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:16	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:16	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:16	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:16	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:16	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:16	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:16	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	103	30-150						8/12/14 18:16	
Decachlorobiphenyl [2]	102	30-150						8/12/14 18:16	
Tetrachloro-m-xylene [1]	87.8	30-150						8/12/14 18:16	
Tetrachloro-m-xylene [2]	96.2	30-150						8/12/14 18:16	

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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Sampled: 8/10/2014 00:00

Field Sample #: C0810-06

Sample ID: 14H0423-06

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:33	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:33	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:33	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:33	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:33	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:33	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:33	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:33	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:33	MJC
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	111		30-150				8/12/14 18:33		
Decachlorobiphenyl [2]	110		30-150				8/12/14 18:33		
Tetrachloro-m-xylene [1]	93.2		30-150				8/12/14 18:33		
Tetrachloro-m-xylene [2]	103		30-150				8/12/14 18:33		

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

Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-07

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-07

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:50	MJC
Aroclor-1221 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:50	MJC
Aroclor-1232 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:50	MJC
Aroclor-1242 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:50	MJC
Aroclor-1248 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:50	MJC
Aroclor-1254 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:50	MJC
Aroclor-1260 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:50	MJC
Aroclor-1262 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:50	MJC
Aroclor-1268 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 18:50	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	113	30-150						8/12/14 18:50	
Decachlorobiphenyl [2]	113	30-150						8/12/14 18:50	
Tetrachloro-m-xylene [1]	94.7	30-150						8/12/14 18:50	
Tetrachloro-m-xylene [2]	105	30-150						8/12/14 18:50	

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

Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-08

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-08

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:08	MJC
Aroclor-1221 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:08	MJC
Aroclor-1232 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:08	MJC
Aroclor-1242 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:08	MJC
Aroclor-1248 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:08	MJC
Aroclor-1254 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:08	MJC
Aroclor-1260 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:08	MJC
Aroclor-1262 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:08	MJC
Aroclor-1268 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:08	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	118	30-150						8/12/14 19:08	
Decachlorobiphenyl [2]	117	30-150						8/12/14 19:08	
Tetrachloro-m-xylene [1]	99.2	30-150						8/12/14 19:08	
Tetrachloro-m-xylene [2]	108	30-150						8/12/14 19:08	

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

Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-09

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-09

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:55	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:55	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:55	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:55	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:55	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:55	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:55	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:55	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 19:55	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	126	30-150						8/12/14 19:55	
Decachlorobiphenyl [2]	126	30-150						8/12/14 19:55	
Tetrachloro-m-xylene [1]	104	30-150						8/12/14 19:55	
Tetrachloro-m-xylene [2]	116	30-150						8/12/14 19:55	

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

Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-10

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-10

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:12	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:12	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:12	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:12	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:12	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:12	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:12	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:12	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:12	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	107	30-150						8/12/14 20:12	
Decachlorobiphenyl [2]	109	30-150						8/12/14 20:12	
Tetrachloro-m-xylene [1]	91.4	30-150						8/12/14 20:12	
Tetrachloro-m-xylene [2]	99.8	30-150						8/12/14 20:12	

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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-11

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-11

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:30	MJC
Aroclor-1221 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:30	MJC
Aroclor-1232 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:30	MJC
Aroclor-1242 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:30	MJC
Aroclor-1248 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:30	MJC
Aroclor-1254 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:30	MJC
Aroclor-1260 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:30	MJC
Aroclor-1262 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:30	MJC
Aroclor-1268 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:30	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	109	30-150						8/12/14 20:30	
Decachlorobiphenyl [2]	109	30-150						8/12/14 20:30	
Tetrachloro-m-xylene [1]	94.7	30-150						8/12/14 20:30	
Tetrachloro-m-xylene [2]	102	30-150						8/12/14 20:30	



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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-12

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-12

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:47	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:47	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:47	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:47	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:47	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:47	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:47	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:47	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 20:47	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	64.1	30-150						8/12/14 20:47	
Decachlorobiphenyl [2]	63.8	30-150						8/12/14 20:47	
Tetrachloro-m-xylene [1]	56.1	30-150						8/12/14 20:47	
Tetrachloro-m-xylene [2]	62.2	30-150						8/12/14 20:47	

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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-13

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-13

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:05	MJC
Aroclor-1221 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:05	MJC
Aroclor-1232 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:05	MJC
Aroclor-1242 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:05	MJC
Aroclor-1248 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:05	MJC
Aroclor-1254 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:05	MJC
Aroclor-1260 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:05	MJC
Aroclor-1262 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:05	MJC
Aroclor-1268 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:05	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	95.0	30-150						8/12/14 21:05	
Decachlorobiphenyl [2]	95.1	30-150						8/12/14 21:05	
Tetrachloro-m-xylene [1]	79.5	30-150						8/12/14 21:05	
Tetrachloro-m-xylene [2]	88.2	30-150						8/12/14 21:05	

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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Sampled: 8/10/2014 00:00

Field Sample #: C0810-14

Sample ID: 14H0423-14

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:22	MJC
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:22	MJC
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:22	MJC
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:22	MJC
Aroclor-1248 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:22	MJC
Aroclor-1254 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:22	MJC
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:22	MJC
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:22	MJC
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:22	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	84.8	30-150						8/12/14 21:22	
Decachlorobiphenyl [2]	84.0	30-150						8/12/14 21:22	
Tetrachloro-m-xylene [1]	72.1	30-150						8/12/14 21:22	
Tetrachloro-m-xylene [2]	77.1	30-150						8/12/14 21:22	

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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Sampled: 8/10/2014 00:00

Field Sample #: C0810-15

Sample ID: 14H0423-15

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:39	MJC
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:39	MJC
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:39	MJC
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:39	MJC
Aroclor-1248 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:39	MJC
Aroclor-1254 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:39	MJC
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:39	MJC
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:39	MJC
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:39	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	110	30-150						8/12/14 21:39	
Decachlorobiphenyl [2]	112	30-150						8/12/14 21:39	
Tetrachloro-m-xylene [1]	89.3	30-150						8/12/14 21:39	
Tetrachloro-m-xylene [2]	102	30-150						8/12/14 21:39	

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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-16

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-16

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:57	MJC
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:57	MJC
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:57	MJC
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:57	MJC
Aroclor-1248 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:57	MJC
Aroclor-1254 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:57	MJC
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:57	MJC
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:57	MJC
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 21:57	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	108	30-150						8/12/14 21:57	
Decachlorobiphenyl [2]	110	30-150						8/12/14 21:57	
Tetrachloro-m-xylene [1]	90.8	30-150						8/12/14 21:57	
Tetrachloro-m-xylene [2]	100	30-150						8/12/14 21:57	

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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-17

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-17

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:14	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:14	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:14	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:14	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:14	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:14	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:14	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:14	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:14	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	108	30-150						8/12/14 22:14	
Decachlorobiphenyl [2]	109	30-150						8/12/14 22:14	
Tetrachloro-m-xylene [1]	90.3	30-150						8/12/14 22:14	
Tetrachloro-m-xylene [2]	102	30-150						8/12/14 22:14	

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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-18

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-18

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:31	MJC
Aroclor-1221 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:31	MJC
Aroclor-1232 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:31	MJC
Aroclor-1242 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:31	MJC
Aroclor-1248 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:31	MJC
Aroclor-1254 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:31	MJC
Aroclor-1260 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:31	MJC
Aroclor-1262 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:31	MJC
Aroclor-1268 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:31	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	103	30-150						8/12/14 22:31	
Decachlorobiphenyl [2]	103	30-150						8/12/14 22:31	
Tetrachloro-m-xylene [1]	86.0	30-150						8/12/14 22:31	
Tetrachloro-m-xylene [2]	95.9	30-150						8/12/14 22:31	

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

Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-19

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-19

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:49	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:49	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:49	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:49	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:49	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:49	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:49	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:49	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 22:49	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	117	30-150						8/12/14 22:49	
Decachlorobiphenyl [2]	117	30-150						8/12/14 22:49	
Tetrachloro-m-xylene [1]	94.6	30-150						8/12/14 22:49	
Tetrachloro-m-xylene [2]	107	30-150						8/12/14 22:49	



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

Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-20

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-20

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 23:06	MJC
Aroclor-1221 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 23:06	MJC
Aroclor-1232 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 23:06	MJC
Aroclor-1242 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 23:06	MJC
Aroclor-1248 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 23:06	MJC
Aroclor-1254 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 23:06	MJC
Aroclor-1260 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 23:06	MJC
Aroclor-1262 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 23:06	MJC
Aroclor-1268 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 23:06	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	108	30-150						8/12/14 23:06	
Decachlorobiphenyl [2]	107	30-150						8/12/14 23:06	
Tetrachloro-m-xylene [1]	92.7	30-150						8/12/14 23:06	
Tetrachloro-m-xylene [2]	99.7	30-150						8/12/14 23:06	

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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-21

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-21

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:15	JMB
Aroclor-1221 [1]	ND	0.11	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:15	JMB
Aroclor-1232 [1]	ND	0.11	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:15	JMB
Aroclor-1242 [1]	ND	0.11	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:15	JMB
Aroclor-1248 [1]	ND	0.11	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:15	JMB
Aroclor-1254 [1]	ND	0.11	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:15	JMB
Aroclor-1260 [1]	ND	0.11	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:15	JMB
Aroclor-1262 [1]	ND	0.11	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:15	JMB
Aroclor-1268 [1]	ND	0.11	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:15	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	120	30-150						8/12/14 12:15	
Decachlorobiphenyl [2]	111	30-150						8/12/14 12:15	
Tetrachloro-m-xylene [1]	108	30-150						8/12/14 12:15	
Tetrachloro-m-xylene [2]	111	30-150						8/12/14 12:15	

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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-22

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-22

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:27	JMB
Aroclor-1221 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:27	JMB
Aroclor-1232 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:27	JMB
Aroclor-1242 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:27	JMB
Aroclor-1248 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:27	JMB
Aroclor-1254 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:27	JMB
Aroclor-1260 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:27	JMB
Aroclor-1262 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:27	JMB
Aroclor-1268 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:27	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	99.0	30-150						8/12/14 12:27	
Decachlorobiphenyl [2]	92.1	30-150						8/12/14 12:27	
Tetrachloro-m-xylene [1]	87.3	30-150						8/12/14 12:27	
Tetrachloro-m-xylene [2]	88.7	30-150						8/12/14 12:27	

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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-23

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-23

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:40	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:40	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:40	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:40	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:40	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:40	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:40	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:40	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 12:40	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	113	30-150						8/12/14 12:40	
Decachlorobiphenyl [2]	106	30-150						8/12/14 12:40	
Tetrachloro-m-xylene [1]	99.8	30-150						8/12/14 12:40	
Tetrachloro-m-xylene [2]	103	30-150						8/12/14 12:40	

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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-24

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-24

Sample Matrix: Product/Solid

Sample Flags: O-27

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	99	mg/Kg	1000		SW-846 8082A	8/11/14	8/12/14 13:49	JMB
Aroclor-1221 [1]	ND	99	mg/Kg	1000		SW-846 8082A	8/11/14	8/12/14 13:49	JMB
Aroclor-1232 [1]	ND	99	mg/Kg	1000		SW-846 8082A	8/11/14	8/12/14 13:49	JMB
Aroclor-1242 [1]	ND	99	mg/Kg	1000		SW-846 8082A	8/11/14	8/12/14 13:49	JMB
Aroclor-1248 [1]	ND	99	mg/Kg	1000		SW-846 8082A	8/11/14	8/12/14 13:49	JMB
Aroclor-1254 [1]	ND	99	mg/Kg	1000		SW-846 8082A	8/11/14	8/12/14 13:49	JMB
Aroclor-1260 [1]	ND	99	mg/Kg	1000		SW-846 8082A	8/11/14	8/12/14 13:49	JMB
Aroclor-1262 [1]	ND	99	mg/Kg	1000		SW-846 8082A	8/11/14	8/12/14 13:49	JMB
Aroclor-1268 [1]	ND	99	mg/Kg	1000		SW-846 8082A	8/11/14	8/12/14 13:49	JMB
Surrogates	% Recovery	Recovery Limits			Flag/Qual				
Decachlorobiphenyl [1]	*	30-150			S-01			8/12/14 13:49	
Decachlorobiphenyl [2]	*	30-150			S-01			8/12/14 13:49	
Tetrachloro-m-xylene [1]	*	30-150			S-01			8/12/14 13:49	
Tetrachloro-m-xylene [2]	*	30-150			S-01			8/12/14 13:49	

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Project Location: Osborn School

Sample Description: Main Hallway Concrete Slab

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: C0810-25

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-25

Sample Matrix: Product/Solid

**Polychlorinated Biphenyls with 3540 Soxhlet Extraction**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 13:31	JMB
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 13:31	JMB
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 13:31	JMB
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 13:31	JMB
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 13:31	JMB
Aroclor-1254 [1]	0.26	0.098	mg/Kg	1	O-03	SW-846 8082A	8/11/14	8/12/14 13:31	JMB
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 13:31	JMB
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 13:31	JMB
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	8/11/14	8/12/14 13:31	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	106	30-150						8/12/14 13:31	
Decachlorobiphenyl [2]	101	30-150						8/12/14 13:31	
Tetrachloro-m-xylene [1]	91.8	30-150						8/12/14 13:31	
Tetrachloro-m-xylene [2]	94.1	30-150						8/12/14 13:31	

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Project Location: Osborn School

Sample Description: Main Hallway Poly

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: W0810-01

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-26

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	8/11/14	8/12/14 17:29	MJC
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 17:29	MJC
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 17:29	MJC
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 17:29	MJC
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 17:29	MJC
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 17:29	MJC
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 17:29	MJC
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 17:29	MJC
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 17:29	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	89.5	30-150						8/12/14 17:29	
Decachlorobiphenyl [2]	88.5	30-150						8/12/14 17:29	
Tetrachloro-m-xylene [1]	56.1	30-150						8/12/14 17:29	
Tetrachloro-m-xylene [2]	59.9	30-150						8/12/14 17:29	

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Project Location: Osborn School

Sample Description: Main Hallway Poly

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: W0810-02

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-27

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	8/11/14	8/12/14 14:01	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:01	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:01	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:01	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:01	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:01	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:01	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:01	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:01	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	102	30-150						8/12/14 14:01	
Decachlorobiphenyl [2]	100	30-150						8/12/14 14:01	
Tetrachloro-m-xylene [1]	84.9	30-150						8/12/14 14:01	
Tetrachloro-m-xylene [2]	95.3	30-150						8/12/14 14:01	



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Project Location: Osborn School

Sample Description: Main Hallway Metal Behind Base

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: W0810-03

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-28

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	8/11/14	8/12/14 14:14	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:14	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:14	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:14	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:14	KAL
Aroclor-1254 [1]	0.25	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:14	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:14	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:14	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:14	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	99.0	30-150							
Decachlorobiphenyl [2]	96.7	30-150							
Tetrachloro-m-xylene [1]	80.0	30-150							
Tetrachloro-m-xylene [2]	92.8	30-150							

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

Project Location: Osborn School

Sample Description: Main Hallway Metal Behind Base

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: W0810-04

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-29

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	8/11/14	8/12/14 14:26	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:26	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:26	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:26	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:26	KAL
Aroclor-1254 [1]	1.5	0.20	µg/Wipe	1	O-03	SW-846 8082A	8/11/14	8/12/14 14:26	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:26	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:26	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:26	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	102	30-150						8/12/14 14:26	
Decachlorobiphenyl [2]	103	30-150						8/12/14 14:26	
Tetrachloro-m-xylene [1]	90.3	30-150						8/12/14 14:26	
Tetrachloro-m-xylene [2]	99.7	30-150						8/12/14 14:26	

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

Project Location: Osborn School

Sample Description: Main Hallway Metal Behind Base

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: W0810-05

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-30

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	8/11/14	8/12/14 14:38	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:38	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:38	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:38	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:38	KAL
Aroclor-1254 [1]	0.68	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:38	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:38	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:38	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:38	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	101	30-150						8/12/14 14:38	
Decachlorobiphenyl [2]	101	30-150						8/12/14 14:38	
Tetrachloro-m-xylene [1]	82.5	30-150						8/12/14 14:38	
Tetrachloro-m-xylene [2]	90.3	30-150						8/12/14 14:38	

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

Project Location: Osborn School

Sample Description: Main Hallway Metal Behind Base

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: W0810-06

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-31

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	8/11/14	8/12/14 14:51	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:51	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:51	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:51	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:51	KAL
Aroclor-1254 [1]	0.32	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:51	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:51	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:51	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 14:51	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	99.4	30-150							
Decachlorobiphenyl [2]	100	30-150							
Tetrachloro-m-xylene [1]	83.4	30-150							
Tetrachloro-m-xylene [2]	92.4	30-150							

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

Project Location: Osborn School

Sample Description: Main Hallway Metal Behind Base

Work Order: 14H0423

Date Received: 8/11/2014

Sampled: 8/10/2014 00:00

Field Sample #: W0810-07

Sample ID: 14H0423-32

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	8/11/14	8/12/14 15:03	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:03	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:03	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:03	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:03	KAL
Aroclor-1254 [1]	0.32	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:03	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:03	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:03	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:03	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	88.9	30-150						8/12/14 15:03	
Decachlorobiphenyl [2]	94.3	30-150						8/12/14 15:03	
Tetrachloro-m-xylene [1]	79.7	30-150						8/12/14 15:03	
Tetrachloro-m-xylene [2]	88.2	30-150						8/12/14 15:03	

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

Project Location: Osborn School

Sample Description: Main Hallway Metal Behind Base

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: W0810-08

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-33

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	8/11/14	8/12/14 15:15	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:15	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:15	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:15	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:15	KAL
Aroclor-1254 [1]	0.28	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:15	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:15	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:15	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:15	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	91.8	30-150							
Decachlorobiphenyl [2]	98.7	30-150							
Tetrachloro-m-xylene [1]	80.0	30-150							
Tetrachloro-m-xylene [2]	87.6	30-150							

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

Project Location: Osborn School

Sample Description: Main Hallway Metal Behind Base

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: W0810-09

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-34

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	8/11/14	8/12/14 15:28	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:28	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:28	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:28	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:28	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:28	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:28	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:28	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:28	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	90.7	30-150						8/12/14 15:28	
Decachlorobiphenyl [2]	95.3	30-150						8/12/14 15:28	
Tetrachloro-m-xylene [1]	83.4	30-150						8/12/14 15:28	
Tetrachloro-m-xylene [2]	88.7	30-150						8/12/14 15:28	

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

Project Location: Osborn School

Sample Description: Main Hallway Metal Behind Base

Work Order: 14H0423

Date Received: 8/11/2014

Field Sample #: W0810-10

Sampled: 8/10/2014 00:00

Sample ID: 14H0423-35

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	8/11/14	8/12/14 15:40	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:40	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:40	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:40	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:40	KAL
Aroclor-1254 [1]	0.38	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:40	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:40	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:40	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	8/11/14	8/12/14 15:40	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	95.2	30-150						8/12/14 15:40	
Decachlorobiphenyl [2]	101	30-150						8/12/14 15:40	
Tetrachloro-m-xylene [1]	89.3	30-150						8/12/14 15:40	
Tetrachloro-m-xylene [2]	96.6	30-150						8/12/14 15:40	



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### Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
14H0423-01 [C0810-01]	B102303	2.01	10.0	08/11/14
14H0423-02 [C0810-02]	B102303	2.07	10.0	08/11/14
14H0423-03 [C0810-03]	B102303	2.01	10.0	08/11/14
14H0423-04 [C0810-04]	B102303	2.00	10.0	08/11/14
14H0423-05 [C0810-05]	B102303	2.00	10.0	08/11/14
14H0423-06 [C0810-06]	B102303	2.01	10.0	08/11/14
14H0423-07 [C0810-07]	B102303	2.07	10.0	08/11/14
14H0423-08 [C0810-08]	B102303	2.06	10.0	08/11/14
14H0423-09 [C0810-09]	B102303	2.00	10.0	08/11/14
14H0423-10 [C0810-10]	B102303	2.01	10.0	08/11/14
14H0423-11 [C0810-11]	B102303	2.08	10.0	08/11/14
14H0423-12 [C0810-12]	B102303	2.01	10.0	08/11/14
14H0423-13 [C0810-13]	B102303	2.07	10.0	08/11/14
14H0423-14 [C0810-14]	B102303	2.02	10.0	08/11/14
14H0423-15 [C0810-15]	B102303	2.02	10.0	08/11/14
14H0423-16 [C0810-16]	B102303	2.02	10.0	08/11/14
14H0423-17 [C0810-17]	B102303	2.00	10.0	08/11/14
14H0423-18 [C0810-18]	B102303	2.08	10.0	08/11/14
14H0423-19 [C0810-19]	B102303	2.00	10.0	08/11/14
14H0423-20 [C0810-20]	B102303	2.08	10.0	08/11/14

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
14H0423-21 [C0810-21]	B102306	1.87	10.0	08/11/14
14H0423-22 [C0810-22]	B102306	2.08	10.0	08/11/14
14H0423-23 [C0810-23]	B102306	2.00	10.0	08/11/14
14H0423-24 [C0810-24]	B102306	2.02	10.0	08/11/14
14H0423-25 [C0810-25]	B102306	2.04	10.0	08/11/14

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

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
14H0423-26 [W0810-01]	B102289	1.00	10.0	08/11/14
14H0423-27 [W0810-02]	B102289	1.00	10.0	08/11/14
14H0423-28 [W0810-03]	B102289	1.00	10.0	08/11/14
14H0423-29 [W0810-04]	B102289	1.00	10.0	08/11/14
14H0423-30 [W0810-05]	B102289	1.00	10.0	08/11/14
14H0423-31 [W0810-06]	B102289	1.00	10.0	08/11/14
14H0423-32 [W0810-07]	B102289	1.00	10.0	08/11/14
14H0423-33 [W0810-08]	B102289	1.00	10.0	08/11/14
14H0423-34 [W0810-09]	B102289	1.00	10.0	08/11/14
14H0423-35 [W0810-10]	B102289	1.00	10.0	08/11/14

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

# QUALITY CONTROL

## Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch B102289 - SW-846 3540C

#### Blank (B102289-BLK1)

Prepared: 08/11/14 Analyzed: 08/12/14

Aroclor-1016	ND	0.20	µg/Wipe							
Aroclor-1016 [2C]	ND	0.20	µg/Wipe							
Aroclor-1221	ND	0.20	µg/Wipe							
Aroclor-1221 [2C]	ND	0.20	µg/Wipe							
Aroclor-1232	ND	0.20	µg/Wipe							
Aroclor-1232 [2C]	ND	0.20	µg/Wipe							
Aroclor-1242	ND	0.20	µg/Wipe							
Aroclor-1242 [2C]	ND	0.20	µg/Wipe							
Aroclor-1248	ND	0.20	µg/Wipe							
Aroclor-1248 [2C]	ND	0.20	µg/Wipe							
Aroclor-1254	ND	0.20	µg/Wipe							
Aroclor-1254 [2C]	ND	0.20	µg/Wipe							
Aroclor-1260	ND	0.20	µg/Wipe							
Aroclor-1260 [2C]	ND	0.20	µg/Wipe							
Aroclor-1262	ND	0.20	µg/Wipe							
Aroclor-1262 [2C]	ND	0.20	µg/Wipe							
Aroclor-1268	ND	0.20	µg/Wipe							
Aroclor-1268 [2C]	ND	0.20	µg/Wipe							
Surrogate: Decachlorobiphenyl	2.01		µg/Wipe	2.00		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.02		µg/Wipe	2.00		101	30-150			
Surrogate: Tetrachloro-m-xylene	1.70		µg/Wipe	2.00		85.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.86		µg/Wipe	2.00		92.9	30-150			

#### LCS (B102289-BS1)

Prepared: 08/11/14 Analyzed: 08/12/14

Aroclor-1016	0.53	0.20	µg/Wipe	0.500		107	40-140			
Aroclor-1016 [2C]	0.51	0.20	µg/Wipe	0.500		101	40-140			
Aroclor-1260	0.54	0.20	µg/Wipe	0.500		108	40-140			
Aroclor-1260 [2C]	0.51	0.20	µg/Wipe	0.500		102	40-140			
Surrogate: Decachlorobiphenyl	2.04		µg/Wipe	2.00		102	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.04		µg/Wipe	2.00		102	30-150			
Surrogate: Tetrachloro-m-xylene	1.77		µg/Wipe	2.00		88.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.96		µg/Wipe	2.00		98.2	30-150			

#### LCS Dup (B102289-BSD1)

Prepared: 08/11/14 Analyzed: 08/12/14

Aroclor-1016	0.53	0.20	µg/Wipe	0.500		107	40-140	0.425	30	
Aroclor-1016 [2C]	0.52	0.20	µg/Wipe	0.500		103	40-140	1.76	30	
Aroclor-1260	0.55	0.20	µg/Wipe	0.500		110	40-140	1.97	30	
Aroclor-1260 [2C]	0.51	0.20	µg/Wipe	0.500		103	40-140	0.513	30	
Surrogate: Decachlorobiphenyl	2.00		µg/Wipe	2.00		99.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.04		µg/Wipe	2.00		102	30-150			
Surrogate: Tetrachloro-m-xylene	1.68		µg/Wipe	2.00		83.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.90		µg/Wipe	2.00		95.0	30-150			

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

# QUALITY CONTROL

## Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch B102303 - SW-846 3540C

#### Blank (B102303-BLK1)

Prepared: 08/11/14 Analyzed: 08/12/14

Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
Aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
Aroclor-1268 [2C]	ND	0.10	mg/Kg							
Surrogate: Decachlorobiphenyl	0.938		mg/Kg	1.00		93.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.940		mg/Kg	1.00		94.0	30-150			
Surrogate: Tetrachloro-m-xylene	0.853		mg/Kg	1.00		85.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.901		mg/Kg	1.00		90.1	30-150			

#### LCS (B102303-BS1)

Prepared: 08/11/14 Analyzed: 08/12/14

Aroclor-1016	0.28	0.10	mg/Kg	0.250		112	40-140			
Aroclor-1016 [2C]	0.25	0.10	mg/Kg	0.250		98.8	40-140			
Aroclor-1260	0.27	0.10	mg/Kg	0.250		109	40-140			
Aroclor-1260 [2C]	0.25	0.10	mg/Kg	0.250		100	40-140			
Surrogate: Decachlorobiphenyl	1.02		mg/Kg	1.00		102	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.01		mg/Kg	1.00		101	30-150			
Surrogate: Tetrachloro-m-xylene	0.881		mg/Kg	1.00		88.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.929		mg/Kg	1.00		92.9	30-150			

#### LCS Dup (B102303-BSD1)

Prepared: 08/11/14 Analyzed: 08/12/14

Aroclor-1016	0.28	0.10	mg/Kg	0.250		112	40-140	0.715	30	
Aroclor-1016 [2C]	0.25	0.10	mg/Kg	0.250		101	40-140	2.42	30	
Aroclor-1260	0.27	0.10	mg/Kg	0.250		109	40-140	0.177	30	
Aroclor-1260 [2C]	0.25	0.10	mg/Kg	0.250		100	40-140	0.220	30	
Surrogate: Decachlorobiphenyl	0.961		mg/Kg	1.00		96.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.960		mg/Kg	1.00		96.0	30-150			
Surrogate: Tetrachloro-m-xylene	0.877		mg/Kg	1.00		87.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.929		mg/Kg	1.00		92.9	30-150			

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# QUALITY CONTROL

## Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch B102306 - SW-846 3540C

#### Blank (B102306-BLK1)

Prepared: 08/11/14 Analyzed: 08/12/14

Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
Aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
Aroclor-1268 [2C]	ND	0.10	mg/Kg							
Surrogate: Decachlorobiphenyl	0.963		mg/Kg	1.00		96.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.894		mg/Kg	1.00		89.4	30-150			
Surrogate: Tetrachloro-m-xylene	0.886		mg/Kg	1.00		88.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.899		mg/Kg	1.00		89.9	30-150			

#### LCS (B102306-BS1)

Prepared: 08/11/14 Analyzed: 08/12/14

Aroclor-1016	0.27	0.10	mg/Kg	0.250		108	40-140			
Aroclor-1016 [2C]	0.25	0.10	mg/Kg	0.250		98.1	40-140			
Aroclor-1260	0.26	0.10	mg/Kg	0.250		104	40-140			
Aroclor-1260 [2C]	0.25	0.10	mg/Kg	0.250		99.0	40-140			
Surrogate: Decachlorobiphenyl	1.04		mg/Kg	1.00		104	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.967		mg/Kg	1.00		96.7	30-150			
Surrogate: Tetrachloro-m-xylene	0.930		mg/Kg	1.00		93.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.945		mg/Kg	1.00		94.5	30-150			

#### LCS Dup (B102306-BSD1)

Prepared: 08/11/14 Analyzed: 08/12/14

Aroclor-1016	0.27	0.10	mg/Kg	0.250		109	40-140	1.39	30	
Aroclor-1016 [2C]	0.25	0.10	mg/Kg	0.250		100	40-140	2.21	30	
Aroclor-1260	0.26	0.10	mg/Kg	0.250		105	40-140	0.966	30	
Aroclor-1260 [2C]	0.25	0.10	mg/Kg	0.250		100	40-140	1.37	30	
Surrogate: Decachlorobiphenyl	1.06		mg/Kg	1.00		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.991		mg/Kg	1.00		99.1	30-150			
Surrogate: Tetrachloro-m-xylene	0.978		mg/Kg	1.00		97.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.00		mg/Kg	1.00		100	30-150			

# IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

*SW-846 8082A*

C0810-02

Lab Sample ID: 14H0423-02 Date(s) Analyzed: 08/12/2014 08/12/2014  
Instrument ID (1): Instrument ID (2):  
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.22	15.9

**IDENTIFICATION SUMMARY  
FOR SINGLE COMPONENT ANALYTES****C0810-03***SW-846 8082A*

Lab Sample ID: 14H0423-03 Date(s) Analyzed: 08/12/2014 08/12/2014  
Instrument ID (1): \_\_\_\_\_ Instrument ID (2): \_\_\_\_\_  
GC Column (1): \_\_\_\_\_ ID: \_\_\_\_\_ (mm) GC Column (2): \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.13	
	2	0.00	0.00	0.00	0.12	4.9

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**IDENTIFICATION SUMMARY  
FOR SINGLE COMPONENT ANALYTES****C0810-04***SW-846 8082A*Lab Sample ID: 14H0423-04 Date(s) Analyzed: 08/12/2014 08/12/2014

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.54	
	2	0.00	0.00	0.00	0.52	4.0

**IDENTIFICATION SUMMARY  
FOR SINGLE COMPONENT ANALYTES****C0810-25***SW-846 8082A*

Lab Sample ID: 14H0423-25 Date(s) Analyzed: 08/12/2014 08/12/2014  
Instrument ID (1): \_\_\_\_\_ Instrument ID (2): \_\_\_\_\_  
GC Column (1): \_\_\_\_\_ ID: \_\_\_\_\_ (mm) GC Column (2): \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.24	9.5



# IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

W0810-04

Lab Sample ID: 14H0423-29 Date(s) Analyzed: 08/12/2014 08/12/2014

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	1.5	
	2	0.00	0.00	0.00	1.4	6.2

# IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

W0810-05

Lab Sample ID: 14H0423-30 Date(s) Analyzed: 08/12/2014 08/12/2014

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.68	
	2	0.00	0.00	0.00	0.63	7.9

# IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

W0810-06

Lab Sample ID: 14H0423-31 Date(s) Analyzed: 08/12/2014 08/12/2014

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.32	
	2	0.00	0.00	0.00	0.30	7.7

**IDENTIFICATION SUMMARY  
FOR SINGLE COMPONENT ANALYTES****W0810-07***SW-846 8082A*Lab Sample ID: 14H0423-32 Date(s) Analyzed: 08/12/2014 08/12/2014

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.32	
	2	0.00	0.00	0.00	0.27	18.2

**IDENTIFICATION SUMMARY  
FOR SINGLE COMPONENT ANALYTES***SW-846 8082A***W0810-08**

Lab Sample ID: 14H0423-33 Date(s) Analyzed: 08/12/2014 08/12/2014  
Instrument ID (1): \_\_\_\_\_ Instrument ID (2): \_\_\_\_\_  
GC Column (1): \_\_\_\_\_ ID: \_\_\_\_\_ (mm) GC Column (2): \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.28	
	2	0.00	0.00	0.00	0.25	12.0

# IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

W0810-10

Lab Sample ID: 14H0423-35 Date(s) Analyzed: 08/12/2014 08/12/2014

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.38	
	2	0.00	0.00	0.00	0.37	2.9

# IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B102289-BS1 Date(s) Analyzed: 08/12/2014 08/12/2014

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.53	
	2	0.00	0.00	0.00	0.51	4
Aroclor-1260	1	0.00	0.00	0.00	0.54	
	2	0.00	0.00	0.00	0.51	6

# IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B102289-BSD1 Date(s) Analyzed: 08/12/2014 08/12/2014

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.53	
	2	0.00	0.00	0.00	0.52	3
Aroclor-1260	1	0.00	0.00	0.00	0.55	
	2	0.00	0.00	0.00	0.51	7



# IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B102303-BS1 Date(s) Analyzed: 08/12/2014 08/12/2014

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.28	
	2	0.00	0.00	0.00	0.25	11
Aroclor-1260	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.25	8

**IDENTIFICATION SUMMARY  
FOR SINGLE COMPONENT ANALYTES***SW-846 8082A***LCS Dup**Lab Sample ID: B102303-BSD1 Date(s) Analyzed: 08/12/2014 08/12/2014

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.28	
	2	0.00	0.00	0.00	0.25	12
Aroclor-1260	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.25	8

# IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B102306-BS1 Date(s) Analyzed: 08/12/2014 08/12/2014

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.25	7
Aroclor-1260	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.25	4

# IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B102306-BSD1 Date(s) Analyzed: 08/12/2014 08/12/2014

Instrument ID (1): \_\_\_\_\_ Instrument ID (2): \_\_\_\_\_

GC Column (1): \_\_\_\_\_ ID: \_\_\_\_\_ (mm) GC Column (2): \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1016	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.25	9
Aroclor-1260	1	0.00	0.00	0.00	0.26	
	2	0.00	0.00	0.00	0.25	5

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#### FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
O-03	Sample contains two incompletely resolved aroclors. Aroclor with the closest matching pattern is reported.
O-27	Elevated reporting limit due to sample matrix interference. Multiple extract clean-up procedures were performed on this sample, but they did not sufficiently remove the interference to meet the requested reporting limit.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

# CERTIFICATIONS

## Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8082A in Product/Solid</i>	
Aroclor-1016	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260	CT,NH,NY,ME,NC,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA,NJ

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

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


**con-test**  
 ANALYTICAL LABORATORY

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 www.contestlabs.com

**CHAIN OF CUSTODY RECORD**

 39 Spruce Street  
 East longmeadow, MA 01028

 Page 1 of 4

Company Name: AMC Environmental

Telephone: 203-378-5020

 Address: P.O. Box 423  
 Stratford, CT 06615

Project #

Stratford, CT 06615

Client PO#

Attention: Jason Pringle

 DATA DELIVERY (check all that apply)  
☐ FAX ☒ EMAIL ☐ WEBSITE

Project Location: Osborn School

Fax #

Sampled By: B. Graham

Email: results@amcenviro.com

 Project Proposal Provided? (for billing purposes)  
☐ yes ☐ no proposal date

 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 Code	Lab Code
CO810-01-01	Main hallway concrete	8/10/14					
CO810-02-02	Slab						
CO810-03-03							
CO810-04-04							
CO810-05-05							
CO810-06-06							
CO810-07-07							
CO810-08-08							
CO810-09-09							
CO810-10-10							

Comments:

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

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

Is your project MCP or RCP?

 Relinquished by: (signature) 0830  
 Date/Time: 8/11/14  
 Received by: (signature) 54  
 Date/Time: 8/11/14  
 Relinquished by: (signature)  
 Date/Time:  
 Received by: (signature)  
 Date/Time:

**Turnaround**<sup>††</sup>
☐ 7-Day  
☐ 10-Day

☒ RUSH<sup>†</sup>
☐ 12-Hr ☒ 48-Hr  
☐ 72-Hr ☐ 14-Day

☐ Require lab approval

**Detection Limit Requirements**

Massachusetts:

Connecticut: &lt;1PPM

Other:

**ANALYSIS REQUESTED**

Dissolved Metals

☐ Field Filtered  
☐ Lab to Filter

**\*\*\*Cont. Code:**  
 A=amber glass  
 G=glass  
 P=plastic  
 ST=sterile  
 V=vial

 S=summary can  
 T=tiedlar bag  
 O=Other

**\*\*Preservation**

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

**\*Matrix Code:**

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

 NELAC & AIHA Certified  
 WBE/DBE Certified

<sup>††</sup> 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



**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 2 of 4

Company Name: AMC Environmental

Telephone: 203-378-5020

Address: P.O. Box 423

Stratford, CT 06615

Attention: Jason Pringle

Project Location: Osborn School

Sampled By: B. Graham

Project Proposal Provided? (for billing purposes)  
☐ yes ☐ no proposal date

Project #

Client PO#

DATA DELIVERY (check all that apply)

☐ FAX ☐ EMAIL ☐ WEBSITE

Fax #

Email:

results@amcenviro.com

Format:

☐ PDF ☐ EXCEL ☐ GIS  
☐ OTHER

Collection

Beginning Date/Time

Ending Date/Time

Composite

Grab

\*Matrix Code

\*Enhanced Data Package\*

Soxhlet 8082A

ANALYSIS REQUESTED

# of Containers

\*\* Preservation

\*\*\*Container Code

Dissolved Metals

☐ Field Filtered

☐ Lab to Filter

\*\*\*Cont. Code:

A=amber glass

G=glass

P=plastic

ST=sterile

V=vial

S=summary can

T=tetrad bag

O=Other

\*\*Preservation

I=iced

H=HCL

M=Methanol

N=Nitric Acid

S=Sulfuric Acid

B=Sodium bisulfate

X=Na hydroxide

T=Na thiosulfate

O=Other

\*Matrix Code:

GW=groundwater

WW=wastewater

DW=drinking water

A=air

S=soil/solid

SL=sludge

O=other

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

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

Is your project MCP or RCP?

☐ MCP Form Required

☐ RCP Form Required

☐ MA State DW Form Required PWSID #



NELAC & AIHA Certified  
WB/DBE Certified

Relinquished by: (signature) 0830 8/11/14  
Received by: (signature) 0830 8/11/14  
Relinquished by: (signature)  
Received by: (signature)

Turnaround <sup>††</sup>  
☐ 7-Day  
☐ 10-Day  
☒ RUSH <sup>†</sup>  
☐ 24-Hr ☒ 48-Hr  
☐ 72-Hr ☐ 14-Day

Detection Limit Requirements  
Massachusetts:  
Connecticut: <1PPM

Require lab approval  
Other:

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

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT



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**con-test**  
ANALYTICAL LABORATORY

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# CHAIN OF CUSTODY RECORD

39 Spruce Street  
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1440423

Company Name: AMC Environmental

Telephone: 203-378-5020

Address: P.O. Box 423

Project #

Stratford, CT 06615

Client PO#

Attention: Jason Pringle

DATA DELIVERY (check all that apply)  
☐ FAX ☒ EMAIL ☐ WEBSITE

Project Location: Osborn School

Fax #

Sampled By: B. Graham

Email: results@amcenviro.com

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

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 Code

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Comments:

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## Sample Receipt Checklist

CLIENT NAME: AMC RECEIVED BY: CEC DATE: 8/11/14

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

2) Does the chain agree with the samples? Yes No

If not, explain:

3) Are all the samples in good condition? Yes No

If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

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

Temperature °C by Temp blank \_\_\_\_\_ Temperature °C by Temp gun 5.0

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>35</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 \_\_\_\_\_

Time and Date Frozen:

Doc# 277 # Bisulfate \_\_\_\_\_ # DI Water \_\_\_\_\_

Rev. 4 August 2013 # Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_

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Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Any False Statement will be brought to the attention of Client		Comment
	Answer (True/False)		
	T/F/NA		
1) The cooler's custody seal, if present, is intact.	T		
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.	NA		
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:

CEC

Date/Time:

Date/Time:

8/11/14

0830