

September 29, 2014

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

Project Location: Osborn School
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 14I1181

Enclosed are results of analyses for samples received by the laboratory on September 25, 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: Sandy Owen

REPORT DATE: 9/29/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14I1181

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
M0924-21	14I1181-01	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-22	14I1181-02	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-23	14I1181-03	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-24	14I1181-04	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-25	14I1181-05	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-26	14I1181-06	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-27	14I1181-07	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-28	14I1181-08	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-29	14I1181-09	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-30	14I1181-10	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-31	14I1181-11	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-32	14I1181-12	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-33	14I1181-13	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-34	14I1181-14	Product/Solid	Gym CMU-M	SW-846 8082A	
M0924-35	14I1181-15	Product/Solid	Gym CMU-M	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:****MS-21**

Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.

Analyte & Samples(s) Qualified:**Aroclor-1016**

B105798-MS1, B105798-MSD1

Aroclor-1016 [2C]

B105798-MS1, B105798-MSD1

Aroclor-1260

B105798-MS1, B105798-MSD1

Aroclor-1260 [2C]

B105798-MS1, B105798-MSD1

S-12

Surrogate recovery is outside of control limits on confirmatory column, but within control limits on primary column. Data validation is not affected.

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

14I1181-13[M0924-33]

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. Kopycinski
Laboratory Director

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

Project Location: Osborn School

Sample Description: Gym CMU-M

Work Order: 1411181

Date Received: 9/25/2014

Field Sample #: M0924-21

Sampled: 9/25/2014 00:00

Sample ID: 1411181-01

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	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC
Aroclor-1221 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC
Aroclor-1232 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC
Aroclor-1242 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC
Aroclor-1248 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC
Aroclor-1254 [2]	3.1	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC
Aroclor-1260 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC
Aroclor-1262 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC
Aroclor-1268 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:15	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	106	30-150						9/28/14 0:15	
Decachlorobiphenyl [2]	102	30-150						9/28/14 0:15	
Tetrachloro-m-xylene [1]	102	30-150						9/28/14 0:15	
Tetrachloro-m-xylene [2]	102	30-150						9/28/14 0:15	

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Project Location: Osborn School

Sample Description: Gym CMU-M

Work Order: 1411181

Date Received: 9/25/2014

Field Sample #: M0924-22

Sampled: 9/25/2014 00:00

Sample ID: 1411181-02

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	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC
Aroclor-1221 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC
Aroclor-1232 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC
Aroclor-1242 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC
Aroclor-1248 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC
Aroclor-1254 [2]	14	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC
Aroclor-1260 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC
Aroclor-1262 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC
Aroclor-1268 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 0:28	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	109	30-150						9/28/14 0:28	
Decachlorobiphenyl [2]	102	30-150						9/28/14 0:28	
Tetrachloro-m-xylene [1]	98.1	30-150						9/28/14 0:28	
Tetrachloro-m-xylene [2]	94.8	30-150						9/28/14 0:28	

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Project Location: Osborn School

Sample Description: Gym CMU-M

Work Order: 1411181

Date Received: 9/25/2014

Field Sample #: M0924-23

Sampled: 9/25/2014 00:00

Sample ID: 1411181-03

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	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC
Aroclor-1221 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC
Aroclor-1232 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC
Aroclor-1242 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC
Aroclor-1248 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC
Aroclor-1254 [2]	3.0	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC
Aroclor-1260 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC
Aroclor-1262 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC
Aroclor-1268 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 0:40	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	104	30-150						9/28/14 0:40	
Decachlorobiphenyl [2]	99.9	30-150						9/28/14 0:40	
Tetrachloro-m-xylene [1]	101	30-150						9/28/14 0:40	
Tetrachloro-m-xylene [2]	102	30-150						9/28/14 0:40	

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Project Location: Osborn School

Sample Description: Gym CMU-M

Work Order: 1411181

Date Received: 9/25/2014

Field Sample #: M0924-24

Sampled: 9/25/2014 00:00

Sample ID: 1411181-04

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	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC
Aroclor-1221 [1]	ND	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC
Aroclor-1232 [1]	ND	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC
Aroclor-1242 [1]	ND	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC
Aroclor-1248 [1]	ND	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC
Aroclor-1254 [2]	2.2	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC
Aroclor-1260 [1]	ND	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC
Aroclor-1262 [1]	ND	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC
Aroclor-1268 [1]	ND	0.40	mg/Kg	4		SW-846 8082A	9/25/14	9/28/14 0:53	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	103	30-150							
Decachlorobiphenyl [2]	100	30-150							
Tetrachloro-m-xylene [1]	103	30-150							
Tetrachloro-m-xylene [2]	105	30-150							

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Project Location: Osborn School

Sample Description: Gym CMU-M

Work Order: 1411181

Date Received: 9/25/2014

Field Sample #: M0924-25

Sampled: 9/25/2014 00:00

Sample ID: 1411181-05

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	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC
Aroclor-1221 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC
Aroclor-1232 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC
Aroclor-1242 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC
Aroclor-1248 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC
Aroclor-1254 [2]	3.8	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC
Aroclor-1260 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC
Aroclor-1262 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC
Aroclor-1268 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/28/14 1:06	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	108	30-150						9/28/14 1:06	
Decachlorobiphenyl [2]	103	30-150						9/28/14 1:06	
Tetrachloro-m-xylene [1]	102	30-150						9/28/14 1:06	
Tetrachloro-m-xylene [2]	103	30-150						9/28/14 1:06	

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Project Location: Osborn School

Sample Description: Gym CMU-M

Work Order: 1411181

Date Received: 9/25/2014

Field Sample #: M0924-26

Sampled: 9/25/2014 00:00

Sample ID: 1411181-06

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	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC
Aroclor-1221 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC
Aroclor-1232 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC
Aroclor-1242 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC
Aroclor-1248 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC
Aroclor-1254 [2]	9.6	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC
Aroclor-1260 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC
Aroclor-1262 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC
Aroclor-1268 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/28/14 1:18	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	113	30-150						9/28/14 1:18	
Decachlorobiphenyl [2]	106	30-150						9/28/14 1:18	
Tetrachloro-m-xylene [1]	103	30-150						9/28/14 1:18	
Tetrachloro-m-xylene [2]	100	30-150						9/28/14 1:18	

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Project Location: Osborn School

Sample Description: Gym CMU-M

Work Order: 1411181

Date Received: 9/25/2014

Field Sample #: M0924-27

Sampled: 9/25/2014 00:00

Sample ID: 1411181-07

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	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC
Aroclor-1221 [1]	ND	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC
Aroclor-1232 [1]	ND	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC
Aroclor-1242 [1]	ND	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC
Aroclor-1248 [1]	ND	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC
Aroclor-1254 [2]	17	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC
Aroclor-1260 [1]	ND	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC
Aroclor-1262 [1]	ND	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC
Aroclor-1268 [1]	ND	2.5	mg/Kg	25		SW-846 8082A	9/25/14	9/28/14 1:31	MJC
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	109		30-150				9/28/14 1:31		
Decachlorobiphenyl [2]	102		30-150				9/28/14 1:31		
Tetrachloro-m-xylene [1]	100		30-150				9/28/14 1:31		
Tetrachloro-m-xylene [2]	96.5		30-150				9/28/14 1:31		

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Project Location: Osborn School

Sample Description: Gym CMU-M

Work Order: 1411181

Date Received: 9/25/2014

Field Sample #: M0924-28

Sampled: 9/25/2014 00:00

Sample ID: 1411181-08

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	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC
Aroclor-1221 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC
Aroclor-1232 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC
Aroclor-1242 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC
Aroclor-1248 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC
Aroclor-1254 [2]	5.0	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC
Aroclor-1260 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC
Aroclor-1262 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC
Aroclor-1268 [1]	ND	0.98	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:34	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	104	30-150						9/29/14 12:34	
Decachlorobiphenyl [2]	98.2	30-150						9/29/14 12:34	
Tetrachloro-m-xylene [1]	108	30-150						9/29/14 12:34	
Tetrachloro-m-xylene [2]	106	30-150						9/29/14 12:34	

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Project Location: Osborn School

Sample Description: Gym CMU-M

Work Order: 1411181

Date Received: 9/25/2014

Field Sample #: M0924-29

Sampled: 9/25/2014 00:00

Sample ID: 1411181-09

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	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC
Aroclor-1221 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC
Aroclor-1232 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC
Aroclor-1242 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC
Aroclor-1248 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC
Aroclor-1254 [2]	12	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC
Aroclor-1260 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC
Aroclor-1262 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC
Aroclor-1268 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 12:47	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	111	30-150						9/29/14 12:47	
Decachlorobiphenyl [2]	102	30-150						9/29/14 12:47	
Tetrachloro-m-xylene [1]	114	30-150						9/29/14 12:47	
Tetrachloro-m-xylene [2]	109	30-150						9/29/14 12:47	

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Project Location: Osborn School

Sample Description: Gym CMU-M

Work Order: 1411181

Date Received: 9/25/2014

Field Sample #: M0924-30

Sampled: 9/25/2014 00:00

Sample ID: 1411181-10

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	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC
Aroclor-1221 [1]	ND	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC
Aroclor-1232 [1]	ND	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC
Aroclor-1242 [1]	ND	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC
Aroclor-1248 [1]	ND	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC
Aroclor-1254 [2]	7.6	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC
Aroclor-1260 [1]	ND	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC
Aroclor-1262 [1]	ND	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC
Aroclor-1268 [1]	ND	0.99	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 12:59	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	111	30-150						9/29/14 12:59	
Decachlorobiphenyl [2]	103	30-150						9/29/14 12:59	
Tetrachloro-m-xylene [1]	114	30-150						9/29/14 12:59	
Tetrachloro-m-xylene [2]	112	30-150						9/29/14 12:59	

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Project Location: Osborn School

Sample Description: Gym CMU-M

Work Order: 1411181

Date Received: 9/25/2014

Field Sample #: M0924-31

Sampled: 9/25/2014 00:00

Sample ID: 1411181-11

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	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC
Aroclor-1221 [1]	ND	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC
Aroclor-1232 [1]	ND	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC
Aroclor-1242 [1]	ND	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC
Aroclor-1248 [1]	ND	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC
Aroclor-1254 [2]	5.6	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC
Aroclor-1260 [1]	ND	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC
Aroclor-1262 [1]	ND	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC
Aroclor-1268 [1]	ND	0.97	mg/Kg	10		SW-846 8082A	9/25/14	9/29/14 13:12	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	95.1	30-150							
Decachlorobiphenyl [2]	88.1	30-150							
Tetrachloro-m-xylene [1]	94.8	30-150							
Tetrachloro-m-xylene [2]	91.9	30-150							

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Project Location: Osborn School

Sample Description: Gym CMU-M

Work Order: 1411181

Date Received: 9/25/2014

Field Sample #: M0924-32

Sampled: 9/25/2014 00:00

Sample ID: 1411181-12

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	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC
Aroclor-1221 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC
Aroclor-1232 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC
Aroclor-1242 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC
Aroclor-1248 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC
Aroclor-1254 [2]	24	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC
Aroclor-1260 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC
Aroclor-1262 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC
Aroclor-1268 [1]	ND	2.0	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:25	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	108	30-150							
Decachlorobiphenyl [2]	98.0	30-150							
Tetrachloro-m-xylene [1]	99.4	30-150							
Tetrachloro-m-xylene [2]	95.3	30-150							

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Project Location: Osborn School

Sample Description: Gym CMU-M

Work Order: 1411181

Date Received: 9/25/2014

Field Sample #: M0924-33

Sampled: 9/25/2014 00:00

Sample ID: 1411181-13

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 [2]	ND	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC
Aroclor-1221 [2]	ND	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC
Aroclor-1232 [2]	ND	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC
Aroclor-1242 [2]	ND	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC
Aroclor-1248 [2]	ND	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC
Aroclor-1254 [2]	16	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC
Aroclor-1260 [2]	ND	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC
Aroclor-1262 [2]	ND	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC
Aroclor-1268 [2]	ND	2.9	mg/Kg	30		SW-846 8082A	9/25/14	9/29/14 13:38	MJC
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	154	*	30-150		S-12			9/29/14 13:38	
Decachlorobiphenyl [2]	139		30-150					9/29/14 13:38	
Tetrachloro-m-xylene [1]	144		30-150					9/29/14 13:38	
Tetrachloro-m-xylene [2]	137		30-150					9/29/14 13:38	

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Project Location: Osborn School

Sample Description: Gym CMU-M

Work Order: 1411181

Date Received: 9/25/2014

Field Sample #: M0924-34

Sampled: 9/25/2014 00:00

Sample ID: 1411181-14

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	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC
Aroclor-1221 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC
Aroclor-1232 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC
Aroclor-1242 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC
Aroclor-1248 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC
Aroclor-1254 [2]	20	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC
Aroclor-1260 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC
Aroclor-1262 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC
Aroclor-1268 [1]	ND	1.9	mg/Kg	20		SW-846 8082A	9/25/14	9/29/14 13:50	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	127	30-150							
Decachlorobiphenyl [2]	114	30-150							
Tetrachloro-m-xylene [1]	126	30-150							
Tetrachloro-m-xylene [2]	121	30-150							

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Project Location: Osborn School

Sample Description: Gym CMU-M

Work Order: 1411181

Date Received: 9/25/2014

Field Sample #: M0924-35

Sampled: 9/25/2014 00:00

Sample ID: 1411181-15

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	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC
Aroclor-1221 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC
Aroclor-1232 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC
Aroclor-1242 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC
Aroclor-1248 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC
Aroclor-1254 [2]	4.3	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC
Aroclor-1260 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC
Aroclor-1262 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC
Aroclor-1268 [1]	ND	0.50	mg/Kg	5		SW-846 8082A	9/25/14	9/29/14 14:03	MJC
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	108	30-150						9/29/14 14:03	
Decachlorobiphenyl [2]	99.8	30-150						9/29/14 14:03	
Tetrachloro-m-xylene [1]	110	30-150						9/29/14 14:03	
Tetrachloro-m-xylene [2]	110	30-150						9/29/14 14:03	

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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
14I1181-01 [M0924-21]	B105798	2.01	10.0	09/25/14
14I1181-02 [M0924-22]	B105798	2.02	10.0	09/25/14
14I1181-03 [M0924-23]	B105798	2.02	10.0	09/25/14
14I1181-04 [M0924-24]	B105798	2.02	10.0	09/25/14
14I1181-05 [M0924-25]	B105798	2.00	10.0	09/25/14
14I1181-06 [M0924-26]	B105798	2.02	10.0	09/25/14
14I1181-07 [M0924-27]	B105798	2.04	10.0	09/25/14
14I1181-08 [M0924-28]	B105798	2.04	10.0	09/25/14
14I1181-09 [M0924-29]	B105798	2.02	10.0	09/25/14
14I1181-10 [M0924-30]	B105798	2.02	10.0	09/25/14
14I1181-11 [M0924-31]	B105798	2.06	10.0	09/25/14
14I1181-12 [M0924-32]	B105798	2.02	10.0	09/25/14
14I1181-13 [M0924-33]	B105798	2.06	10.0	09/25/14
14I1181-14 [M0924-34]	B105798	2.07	10.0	09/25/14
14I1181-15 [M0924-35]	B105798	2.00	10.0	09/25/14

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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 B105798 - SW-846 3540C

Blank (B105798-BLK1)

Prepared: 09/25/14 Analyzed: 09/27/14

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	0.999		mg/Kg	1.00		99.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.06		mg/Kg	1.00		106	30-150			
Surrogate: Tetrachloro-m-xylene	0.994		mg/Kg	1.00		99.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.08		mg/Kg	1.00		108	30-150			

LCS (B105798-BS1)

Prepared: 09/25/14 Analyzed: 09/27/14

Aroclor-1016	0.26	0.10	mg/Kg	0.250		104	40-140			
Aroclor-1016 [2C]	0.26	0.10	mg/Kg	0.250		104	40-140			
Aroclor-1260	0.25	0.10	mg/Kg	0.250		99.7	40-140			
Aroclor-1260 [2C]	0.26	0.10	mg/Kg	0.250		105	40-140			
Surrogate: Decachlorobiphenyl	1.03		mg/Kg	1.00		103	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.10		mg/Kg	1.00		110	30-150			
Surrogate: Tetrachloro-m-xylene	0.996		mg/Kg	1.00		99.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.08		mg/Kg	1.00		108	30-150			

LCS Dup (B105798-BSD1)

Prepared: 09/25/14 Analyzed: 09/27/14

Aroclor-1016	0.25	0.10	mg/Kg	0.250		101	40-140	2.26	30	
Aroclor-1016 [2C]	0.26	0.10	mg/Kg	0.250		104	40-140	0.282	30	
Aroclor-1260	0.24	0.10	mg/Kg	0.250		97.7	40-140	1.96	30	
Aroclor-1260 [2C]	0.25	0.10	mg/Kg	0.250		102	40-140	2.79	30	
Surrogate: Decachlorobiphenyl	0.971		mg/Kg	1.00		97.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.03		mg/Kg	1.00		103	30-150			
Surrogate: Tetrachloro-m-xylene	0.946		mg/Kg	1.00		94.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.02		mg/Kg	1.00		102	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 B105798 - SW-846 3540C

Matrix Spike (B105798-MS1)	Source: 14I1181-15			Prepared: 09/25/14 Analyzed: 09/27/14						
Aroclor-1016	0.38	0.10	mg/Kg	0.250	0.0	152	*	40-140		MS-21
Aroclor-1016 [2C]	0.45	0.10	mg/Kg	0.250	0.0	180	*	40-140		MS-21
Aroclor-1260	1.2	0.10	mg/Kg	0.250	0.0	468	*	40-140		MS-21
Aroclor-1260 [2C]	1.1	0.10	mg/Kg	0.250	0.0	454	*	40-140		MS-21
Surrogate: Decachlorobiphenyl	0.961		mg/Kg	1.00		96.1		30-150		
Surrogate: Decachlorobiphenyl [2C]	1.05		mg/Kg	1.00		105		30-150		
Surrogate: Tetrachloro-m-xylene	0.948		mg/Kg	1.00		94.8		30-150		
Surrogate: Tetrachloro-m-xylene [2C]	1.03		mg/Kg	1.00		103		30-150		

Matrix Spike Dup (B105798-MSD1)	Source: 14I1181-15			Prepared: 09/25/14 Analyzed: 09/27/14							
Aroclor-1016	0.38	0.10	mg/Kg	0.249	0.0	154	*	40-140	0.448	50	MS-21
Aroclor-1016 [2C]	0.46	0.10	mg/Kg	0.249	0.0	184	*	40-140	1.34	50	MS-21
Aroclor-1260	1.2	0.10	mg/Kg	0.249	0.0	467	*	40-140	0.619	50	MS-21
Aroclor-1260 [2C]	1.1	0.10	mg/Kg	0.249	0.0	450	*	40-140	1.34	50	MS-21
Surrogate: Decachlorobiphenyl	0.930		mg/Kg	0.995		93.4		30-150			
Surrogate: Decachlorobiphenyl [2C]	1.01		mg/Kg	0.995		101		30-150			
Surrogate: Tetrachloro-m-xylene	0.908		mg/Kg	0.995		91.3		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.985		mg/Kg	0.995		98.9		30-150			

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES****MO924-21***SW-846 8082A*

Lab Sample ID: 14I1181-01 Date(s) Analyzed: 09/28/2014 09/28/2014
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	2.9	
	2	0.00	0.00	0.00	3.1	8.4

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**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES****MO924-22***SW-846 8082A*Lab Sample ID: 14I1181-02 Date(s) Analyzed: 09/28/2014 09/28/2014

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	13	
	2	0.00	0.00	0.00	14	5.1

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES****MO924-23***SW-846 8082A*

Lab Sample ID: 14I1181-03 Date(s) Analyzed: 09/28/2014 09/28/2014
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	2.8	
	2	0.00	0.00	0.00	3.0	6.5

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**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES****MO924-24***SW-846 8082A*Lab Sample ID: 14I1181-04 Date(s) Analyzed: 09/28/2014 09/28/2014

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	2.0	
	2	0.00	0.00	0.00	2.2	7.1

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES****MO924-25***SW-846 8082A*

Lab Sample ID: 14I1181-05 Date(s) Analyzed: 09/28/2014 09/28/2014
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	3.5	
	2	0.00	0.00	0.00	3.8	7.1

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES***SW-846 8082A***MO924-26**Lab Sample ID: 14I1181-06 Date(s) Analyzed: 09/28/2014 09/28/2014

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	8.9	
	2	0.00	0.00	0.00	9.6	7.9

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES****MO924-27***SW-846 8082A*

Lab Sample ID: 14I1181-07 Date(s) Analyzed: 09/28/2014 09/28/2014
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	15	
	2	0.00	0.00	0.00	17	9.2

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**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES****MO924-28***SW-846 8082A*Lab Sample ID: 14I1181-08 Date(s) Analyzed: 09/29/2014 09/29/2014

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	4.7	
	2	0.00	0.00	0.00	5.0	5.8

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**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES****MO924-29***SW-846 8082A*

Lab Sample ID: 14I1181-09 Date(s) Analyzed: 09/29/2014 09/29/2014
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	12	
	2	0.00	0.00	0.00	12	3.4

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES****MO924-30***SW-846 8082A*

Lab Sample ID: 14I1181-10 Date(s) Analyzed: 09/29/2014 09/29/2014
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	7.1	
	2	0.00	0.00	0.00	7.6	6.5

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES****MO924-31***SW-846 8082A*

Lab Sample ID: 14I1181-11 Date(s) Analyzed: 09/29/2014 09/29/2014
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	5.3	
	2	0.00	0.00	0.00	5.6	5.5

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES***SW-846 8082A***MO924-32**Lab Sample ID: 14I1181-12 Date(s) Analyzed: 09/29/2014 09/29/2014

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	22	
	2	0.00	0.00	0.00	24	7.3

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES****MO924-33***SW-846 8082A*

Lab Sample ID: 14I1181-13 Date(s) Analyzed: 09/29/2014 09/29/2014
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	16	
	2	0.00	0.00	0.00	16	2.5

IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

MO924-34

Lab Sample ID: 14I1181-14 Date(s) Analyzed: 09/29/2014 09/29/2014
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	19	
	2	0.00	0.00	0.00	20	6.7

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES****MO924-35***SW-846 8082A*

Lab Sample ID: 14I1181-15 Date(s) Analyzed: 09/29/2014 09/29/2014
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	4.1	
	2	0.00	0.00	0.00	4.3	5.7

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B105798-BS1 Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.26	
	2	0.00	0.00	0.00	0.26	0
Aroclor-1260	1	0.00	0.00	0.00	0.25	
	2	0.00	0.00	0.00	0.26	4

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B105798-BSD1 Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.25	
	2	0.00	0.00	0.00	0.26	2
Aroclor-1260	1	0.00	0.00	0.00	0.24	
	2	0.00	0.00	0.00	0.25	2

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**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

SW-846 8082A

Matrix Spike

Lab Sample ID: B105798-MS1 Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.38	
	2	0.00	0.00	0.00	0.45	17
Aroclor-1260	1	0.00	0.00	0.00	1.2	
	2	0.00	0.00	0.00	1.1	6

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES***SW-846 8082A***Matrix Spike Dup**Lab Sample ID: B105798-MSD1 Date(s) Analyzed: 09/27/2014 09/27/2014

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	0.38	
	2	0.00	0.00	0.00	0.46	19
Aroclor-1260	1	0.00	0.00	0.00	1.2	
	2	0.00	0.00	0.00	1.1	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.
MS-21	Matrix spike and/or spike duplicate recovery bias high due to contribution of other Aroclors present in the source sample.
S-12	Surrogate recovery is outside of control limits on confirmatory column, but within control limits on primary column. Data validation is not affected.

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	09/6/2015



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 3 of 4

Company Name: AMC Environmental

Telephone: 203-378-5020

Address: P.O. Box 423

Stratford, CT 06615

Attention: Jason Pringle

Project Location:

Sampled By: Jason Pringle

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

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 Load
 "Enhanced Data Package"

Con-Test Lab ID
 (laboratory use only)

Client Sample ID / Description

M0924-21 Gym CMD-M

-22

-23

-24

-25

-26

-27

-28

-29

-30

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:

ANALYSIS REQUESTED

Soxhlet 8082A

of Containers
 ** Preservation
 *** Container Code

Dissolved Metals
☐ Field Filtered
☐ Lab to Filter

***Cont. Code:
 A=amber glass
 G=glass
 P=plastic
 ST=sterile
 V=vial
 S=Summa can
 T=tetradar 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

Is your project MCP or RCP?

☐ MCP Form Required
☐ RCP Form Required
☐ MA State DW Form Required PWSID #



NELAC & AIHA Certified
 WBE/DBE Certified

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

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT



con-test
ANALYTICAL LABORATORY

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page 14 of 48

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:

Fax #

Sampled By: Jason Pringle

Email:

results@amcenviro.com

Project Proposal Provided? (for billing purposes)

☐ yes ☐ no proposal date

Collection

☐ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)

Beginning Date/Time

Ending Date/Time

Composite

Grab

*Matrix Guide

Soxhlet

8082A

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**Preservation

I = Iced

H = HCL

M = Methanol

N = Nitric Acid

S = Sulfuric Acid

B = Sodium bisulfate

X = Na hydroxide

T = Na thiosulfate

O = Other

*Matrix Code:

GW = groundwater

WW = wastewater

DW = drinking water

A = air

S = soil/solid

SL = sludge

O = other

Comments:

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

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

Relinquished by (signature)

Date/Time:

9/25

Relinquished by (signature)

Date/Time:

9/25/14

Relinquished by (signature)

Date/Time:

9/25/14

Relinquished by (signature)

Date/Time:

9/25/14

Relinquished by (signature)

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Date/Time:

9/25/14

Relinquished by (signature)

Date/Time:

9/25/14

Relinquished by (signature)

Date/Time:

9/25/14

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

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Page 1 of 2

Sample Receipt Checklist

CLIENT NAME: AMC Environmental RECEIVED BY: KB DATE: 9/25/14

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 32°

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:

Messy page #'s, should be everything

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

Doc# 277

Rev. 1 August 2013

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.	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.	F	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	F	
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	

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Who notified of False statements?

Log-In Technician Initials: KB

Date/Time:

Date/Time:

9/25/14
16:15