

July 30, 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: 14G1234

Enclosed are results of analyses for samples received by the laboratory on July 28, 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 written over a light gray rectangular background.

Lisa A. Worthington
Project Manager

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

REPORT DATE: 7/30/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14G1234

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
C072707	14G1234-01	Product/Solid	rm 119 brick mortar	SW-846 8082A	
C072708	14G1234-02	Product/Solid	rm 119 brick	SW-846 8082A	
C072709	14G1234-03	Product/Solid	rm 119 CMU	SW-846 8082A	
C072710	14G1234-04	Product/Solid	rm 119 CMU-M	SW-846 8082A	
C072711	14G1234-05	Product/Solid	rm 120 brick mortar	SW-846 8082A	
C072712	14G1234-06	Product/Solid	rm 102 brick	SW-846 8082A	
C072713	14G1234-07	Product/Solid	rm 120 CMU	SW-846 8082A	
C072714	14G1234-08	Product/Solid	rm 120 CMU-M	SW-846 8082A	
C072715	14G1234-09	Product/Solid	rm 121 brick mortar	SW-846 8082A	
C072716	14G1234-10	Product/Solid	rm 121 brick	SW-846 8082A	
C072717	14G1234-11	Product/Solid	rm 121 CMU	SW-846 8082A	
C072718	14G1234-12	Product/Solid	rm 121 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.

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

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

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

Michael A. Erickson
Laboratory Director

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Project Location: Osborn School

Sample Description: rm 119 brick mortar

Work Order: 14G1234

Date Received: 7/28/2014

Field Sample #: C072707

Sampled: 7/27/2014 00:00

Sample ID: 14G1234-01

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	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:14	JMB
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:14	JMB
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:14	JMB
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:14	JMB
Aroclor-1248 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:14	JMB
Aroclor-1254 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:14	JMB
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:14	JMB
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:14	JMB
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:14	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	99.3	30-150							
Decachlorobiphenyl [2]	90.3	30-150							
Tetrachloro-m-xylene [1]	76.0	30-150							
Tetrachloro-m-xylene [2]	81.1	30-150							

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Project Location: Osborn School

Sample Description: rm 119 brick

Work Order: 14G1234

Date Received: 7/28/2014

Field Sample #: C072708

Sampled: 7/27/2014 00:00

Sample ID: 14G1234-02

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	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:51	JMB
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:51	JMB
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:51	JMB
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:51	JMB
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:51	JMB
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:51	JMB
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:51	JMB
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:51	JMB
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 18:51	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	93.6	30-150						7/29/14 18:51	
Decachlorobiphenyl [2]	89.6	30-150						7/29/14 18:51	
Tetrachloro-m-xylene [1]	81.1	30-150						7/29/14 18:51	
Tetrachloro-m-xylene [2]	82.8	30-150						7/29/14 18:51	

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Project Location: Osborn School

Sample Description: rm 119 CMU

Work Order: 14G1234

Date Received: 7/28/2014

Field Sample #: C072709

Sampled: 7/27/2014 00:00

Sample ID: 14G1234-03

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	7/28/14	7/29/14 19:03	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:03	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:03	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:03	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:03	JMB
Aroclor-1254 [2]	0.13	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:03	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:03	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:03	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:03	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	86.4	30-150						7/29/14 19:03	
Decachlorobiphenyl [2]	79.9	30-150						7/29/14 19:03	
Tetrachloro-m-xylene [1]	76.9	30-150						7/29/14 19:03	
Tetrachloro-m-xylene [2]	78.4	30-150						7/29/14 19:03	

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Project Location: Osborn School

Sample Description: rm 119 CMU-M

Work Order: 14G1234

Date Received: 7/28/2014

Field Sample #: C072710

Sampled: 7/27/2014 00:00

Sample ID: 14G1234-04

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	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:15	JMB
Aroclor-1221 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:15	JMB
Aroclor-1232 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:15	JMB
Aroclor-1242 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:15	JMB
Aroclor-1248 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:15	JMB
Aroclor-1254 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:15	JMB
Aroclor-1260 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:15	JMB
Aroclor-1262 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:15	JMB
Aroclor-1268 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:15	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	93.9	30-150						7/29/14 19:15	
Decachlorobiphenyl [2]	87.0	30-150						7/29/14 19:15	
Tetrachloro-m-xylene [1]	77.5	30-150						7/29/14 19:15	
Tetrachloro-m-xylene [2]	79.7	30-150						7/29/14 19:15	

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Project Location: Osborn School

Sample Description: rm 120 brick mortar

Work Order: 14G1234

Date Received: 7/28/2014

Field Sample #: C072711

Sampled: 7/27/2014 00:00

Sample ID: 14G1234-05

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	0.096	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:28	JMB
Aroclor-1221 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:28	JMB
Aroclor-1232 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:28	JMB
Aroclor-1242 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:28	JMB
Aroclor-1248 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:28	JMB
Aroclor-1254 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:28	JMB
Aroclor-1260 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:28	JMB
Aroclor-1262 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:28	JMB
Aroclor-1268 [1]	ND	0.096	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:28	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	108	30-150							
Decachlorobiphenyl [2]	95.9	30-150							
Tetrachloro-m-xylene [1]	86.8	30-150							
Tetrachloro-m-xylene [2]	89.0	30-150							

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Project Location: Osborn School

Sample Description: rm 102 brick

Work Order: 14G1234

Date Received: 7/28/2014

Field Sample #: C072712

Sampled: 7/27/2014 00:00

Sample ID: 14G1234-06

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	7/28/14	7/29/14 19:40	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:40	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:40	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:40	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:40	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:40	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:40	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:40	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:40	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	100		30-150				7/29/14 19:40		
Decachlorobiphenyl [2]	92.9		30-150				7/29/14 19:40		
Tetrachloro-m-xylene [1]	82.2		30-150				7/29/14 19:40		
Tetrachloro-m-xylene [2]	84.6		30-150				7/29/14 19:40		

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Project Location: Osborn School

Sample Description: rm 120 CMU

Work Order: 14G1234

Date Received: 7/28/2014

Sampled: 7/27/2014 00:00

Field Sample #: C072713

Sample ID: 14G1234-07

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	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:52	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:52	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:52	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:52	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:52	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:52	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:52	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:52	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 19:52	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	106		30-150				7/29/14 19:52		
Decachlorobiphenyl [2]	96.4		30-150				7/29/14 19:52		
Tetrachloro-m-xylene [1]	91.3		30-150				7/29/14 19:52		
Tetrachloro-m-xylene [2]	92.8		30-150				7/29/14 19:52		

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Project Location: Osborn School

Sample Description: rm 120 CMU-M

Work Order: 14G1234

Date Received: 7/28/2014

Sampled: 7/27/2014 00:00

Field Sample #: C072714

Sample ID: 14G1234-08

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	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:05	JMB
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:05	JMB
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:05	JMB
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:05	JMB
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:05	JMB
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:05	JMB
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:05	JMB
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:05	JMB
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:05	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	89.8	30-150							
Decachlorobiphenyl [2]	80.3	30-150							
Tetrachloro-m-xylene [1]	74.2	30-150							
Tetrachloro-m-xylene [2]	76.0	30-150							

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Project Location: Osborn School

Sample Description: rm 121 brick mortar

Work Order: 14G1234

Date Received: 7/28/2014

Sampled: 7/27/2014 00:00

Field Sample #: C072715

Sample ID: 14G1234-09

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	7/28/14	7/29/14 20:17	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:17	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:17	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:17	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:17	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:17	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:17	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:17	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:17	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	99.4	30-150						7/29/14 20:17	
Decachlorobiphenyl [2]	92.3	30-150						7/29/14 20:17	
Tetrachloro-m-xylene [1]	86.4	30-150						7/29/14 20:17	
Tetrachloro-m-xylene [2]	88.5	30-150						7/29/14 20:17	

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Project Location: Osborn School

Sample Description: rm 121 brick

Work Order: 14G1234

Date Received: 7/28/2014

Sampled: 7/27/2014 00:00

Field Sample #: C072716

Sample ID: 14G1234-10

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	7/28/14	7/29/14 20:29	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:29	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:29	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:29	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:29	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:29	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:29	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:29	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:29	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	86.4	30-150						7/29/14 20:29	
Decachlorobiphenyl [2]	79.3	30-150						7/29/14 20:29	
Tetrachloro-m-xylene [1]	74.0	30-150						7/29/14 20:29	
Tetrachloro-m-xylene [2]	77.3	30-150						7/29/14 20:29	

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

Project Location: Osborn School

Sample Description: rm 121 CMU

Work Order: 14G1234

Date Received: 7/28/2014

Field Sample #: C072717

Sampled: 7/27/2014 00:00

Sample ID: 14G1234-11

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	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:42	JMB
Aroclor-1221 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:42	JMB
Aroclor-1232 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:42	JMB
Aroclor-1242 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:42	JMB
Aroclor-1248 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:42	JMB
Aroclor-1254 [2]	0.10	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:42	JMB
Aroclor-1260 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:42	JMB
Aroclor-1262 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:42	JMB
Aroclor-1268 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:42	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	81.2	30-150							
Decachlorobiphenyl [2]	76.3	30-150							
Tetrachloro-m-xylene [1]	69.4	30-150							
Tetrachloro-m-xylene [2]	70.6	30-150							

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

Project Location: Osborn School

Sample Description: rm 121 CMU-M

Work Order: 14G1234

Date Received: 7/28/2014

Sampled: 7/27/2014 00:00

Field Sample #: C072718

Sample ID: 14G1234-12

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	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:54	JMB
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:54	JMB
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:54	JMB
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:54	JMB
Aroclor-1248 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:54	JMB
Aroclor-1254 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:54	JMB
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:54	JMB
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:54	JMB
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082A	7/28/14	7/29/14 20:54	JMB
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	93.9	30-150							
Decachlorobiphenyl [2]	87.7	30-150							
Tetrachloro-m-xylene [1]	80.6	30-150							
Tetrachloro-m-xylene [2]	83.6	30-150							

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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
14G1234-01 [C072707]	B101199	2.03	10.0	07/28/14
14G1234-02 [C072708]	B101199	2.04	10.0	07/28/14
14G1234-03 [C072709]	B101199	2.00	10.0	07/28/14
14G1234-04 [C072710]	B101199	2.06	10.0	07/28/14
14G1234-05 [C072711]	B101199	2.08	10.0	07/28/14
14G1234-06 [C072712]	B101199	2.01	10.0	07/28/14
14G1234-07 [C072713]	B101199	2.00	10.0	07/28/14
14G1234-08 [C072714]	B101199	2.05	10.0	07/28/14
14G1234-09 [C072715]	B101199	2.01	10.0	07/28/14
14G1234-10 [C072716]	B101199	2.00	10.0	07/28/14
14G1234-11 [C072717]	B101199	2.06	10.0	07/28/14
14G1234-12 [C072718]	B101199	2.03	10.0	07/28/14

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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 B101199 - SW-846 3540C

Blank (B101199-BLK1)

Prepared: 07/28/14 Analyzed: 07/29/14

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	0.961		mg/Kg	1.00		96.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.928		mg/Kg	1.00		92.8	30-150			
Surrogate: Tetrachloro-m-xylene	0.800		mg/Kg	1.00		80.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.844		mg/Kg	1.00		84.4	30-150			

LCS (B101199-BS1)

Prepared: 07/28/14 Analyzed: 07/29/14

Aroclor-1016	0.22	0.10	mg/Kg	0.250		87.5	40-140			
Aroclor-1016 [2C]	0.23	0.10	mg/Kg	0.250		90.1	40-140			
Aroclor-1260	0.23	0.10	mg/Kg	0.250		93.1	40-140			
Aroclor-1260 [2C]	0.23	0.10	mg/Kg	0.250		93.2	40-140			
Surrogate: Decachlorobiphenyl	0.956		mg/Kg	1.00		95.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.886		mg/Kg	1.00		88.6	30-150			
Surrogate: Tetrachloro-m-xylene	0.817		mg/Kg	1.00		81.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.857		mg/Kg	1.00		85.7	30-150			

LCS Dup (B101199-BSD1)

Prepared: 07/28/14 Analyzed: 07/29/14

Aroclor-1016	0.22	0.10	mg/Kg	0.250		88.8	40-140	1.51	30	
Aroclor-1016 [2C]	0.23	0.10	mg/Kg	0.250		90.9	40-140	0.870	30	
Aroclor-1260	0.23	0.10	mg/Kg	0.250		90.9	40-140	2.43	30	
Aroclor-1260 [2C]	0.23	0.10	mg/Kg	0.250		93.7	40-140	0.507	30	
Surrogate: Decachlorobiphenyl	0.917		mg/Kg	1.00		91.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.853		mg/Kg	1.00		85.3	30-150			
Surrogate: Tetrachloro-m-xylene	0.835		mg/Kg	1.00		83.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.857		mg/Kg	1.00		85.7	30-150			

IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

C072717

SW-846 8082A

Lab Sample ID: 14G1234-11 Date(s) Analyzed: 07/29/2014 07/29/2014

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	0.098	
	2	0.00	0.00	0.00	0.10	2.2

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**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

SW-846 8082A

LCS

Lab Sample ID: B101199-BS1 Date(s) Analyzed: 07/29/2014 07/29/2014

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-1016	1	0.00	0.00	0.00	0.22	
	2	0.00	0.00	0.00	0.23	5
Aroclor-1260	1	0.00	0.00	0.00	0.23	
	2	0.00	0.00	0.00	0.23	1

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**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

SW-846 8082A

LCS Dup

Lab Sample ID: B101199-BSD1 Date(s) Analyzed: 07/29/2014 07/29/2014

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-1016	1	0.00	0.00	0.00	0.22	
	2	0.00	0.00	0.00	0.23	4
Aroclor-1260	1	0.00	0.00	0.00	0.23	
	2	0.00	0.00	0.00	0.23	1

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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.

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

Phone: 413-525-2332
Fax: 413-525-5405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

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Company Name: AMC Environmental

Telephone: 203-378-5020

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

Project #

Client PO#

Attention: Jason Pringle

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

Project Location: Osborn School

Fax #

Sampled By: J. Pringle / B. Grahman

Email: results@amcenviro.com

Project Proposal Provided? (for billing purposes)

☐ yes ☐ no proposal date

Collection

☐ PDF ☐ EXCEL ☐ GIS
☐ OTHER

Con-Test Lab ID

(laboratory use only)

Client Sample ID / Description

Beginning Date/Time

Ending Date/Time

Composite

Grab

*Matrix Code

Lab Code

Enhanced Data Package

Soxhlet 8082A

ANALYSIS REQUESTED

of Containers

** Preservation

***Container Code

01

CO22707 / Bickelmer

Am 119

7/27/14

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CO22716 / Bickelmer

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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:

7/28/14

7/28/14

7/28/14

7/28/14

7/28/14

7/28/14

7/28/14

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7/28/14

Received by: (signature)

Date/Time:

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IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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



Page 1 of 2



Sample Receipt Checklist

CLIENT NAME: AMC Environmental RECEIVED BY: CC DATE: 7.28.14

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°

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>12c</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 _____

Doc# 277

Bisulfate _____ # DI Water _____

Rev. 4 August 2013

Thiosulfate _____ Unpreserved

Time and Date Frozen:

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False)		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.	T		
15) Appropriate sample containers are used.	T		
16) Proper collection media used.	T		
17) No headspace sample bottles are completely filled.	T		
18) There is sufficient volume for all requested analyses, including any requested MS/MSDs.	T		
19) Trip blanks provided if applicable.	T		
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA		
21) Samples do not require splitting or compositing.	T		

Doc #277 Rev. 4 August 2013

Who notified of False statements?

Log-In Technician Initials: CC

Date/Time:

Date/Time: 7.28.14 1615