


July 1, 2015

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: 15F1354

Enclosed are results of analyses for samples received by the laboratory on June 26, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven Case", written in a cursive style.

Steven M. Case
Project Manager

Table of Contents

Sample Summary	4
Case Narrative	6
Sample Results	7
15F1354-01	7
15F1354-02	9
15F1354-03	11
15F1354-04	13
15F1354-05	15
15F1354-06	17
15F1354-07	19
15F1354-08	21
15F1354-09	23
15F1354-10	25
15F1354-11	27
15F1354-12	29
15F1354-13	31
15F1354-14	33
15F1354-15	35
15F1354-16	37
15F1354-17	39
15F1354-18	41
15F1354-19	43
15F1354-20	45
15F1354-21	47
Sample Preparation Information	49
QC Data	50

Table of Contents (continued)

Polychlorinated Biphenyls with 3540 Soxhlet Extraction	50
B125051	50
B125061	51
Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)	53
B125050	53
Dual Column RPD Report	54
Flag/Qualifier Summary	74
Certifications	75
Chain of Custody/Sample Receipt	76

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

REPORT DATE: 7/1/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15F1354

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
23-122 soil	15F1354-01	Soil		SM 2540G SW-846 8082A	
24-122 soil	15F1354-02	Soil		SM 2540G SW-846 8082A	
25-122 soil	15F1354-03	Soil		SM 2540G SW-846 8082A	
26-122 soil	15F1354-04	Soil		SM 2540G SW-846 8082A	
27-122 soil	15F1354-05	Soil		SM 2540G SW-846 8082A	
28-122 soil	15F1354-06	Soil		SM 2540G SW-846 8082A	
29-122 soil	15F1354-07	Soil		SM 2540G SW-846 8082A	
30-123 soil	15F1354-08	Soil		SM 2540G SW-846 8082A	
31-123 soil	15F1354-09	Soil		SM 2540G SW-846 8082A	
32-123 soil	15F1354-10	Soil		SM 2540G SW-846 8082A	
33-123 soil	15F1354-11	Soil		SM 2540G SW-846 8082A	
34-123 soil	15F1354-12	Soil		SM 2540G SW-846 8082A	
35-123 soil	15F1354-13	Soil		SM 2540G SW-846 8082A	
36-123 soil	15F1354-14	Soil		SM 2540G SW-846 8082A	
37-124 soil	15F1354-15	Soil		SM 2540G SW-846 8082A	
38-124 soil	15F1354-16	Soil		SM 2540G SW-846 8082A	
39-124 soil	15F1354-17	Soil		SM 2540G SW-846 8082A	
40-124 soil	15F1354-18	Soil		SM 2540G SW-846 8082A	
41-124 soil	15F1354-19	Soil		SM 2540G SW-846 8082A	
42-124 soil	15F1354-20	Soil		SM 2540G SW-846 8082A	

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REPORT DATE: 7/1/2015

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 15F1354

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
43-124 soil	15F1354-21	Soil		SM 2540G SW-846 8082A	

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CASE NARRATIVE SUMMARY

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

SW-846 8082A

Qualifications:

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

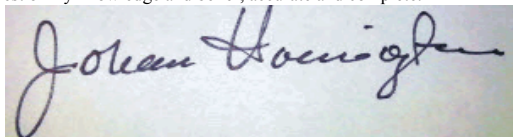
Analyte & Sample(s) Qualified:

Aroclor-1260 [2C]

B125051-MS1

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, reading "Johanna K. Harrington", is shown on a light-colored background.

Johanna K. Harrington

Manager, Laboratory Reporting

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 23-122 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-01

Sample Matrix: Soil

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 dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL
Aroclor-1254 [2]	0.20	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:02	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	90.7	30-150						7/1/15 1:02	
Decachlorobiphenyl [2]	108	30-150						7/1/15 1:02	
Tetrachloro-m-xylene [1]	99.5	30-150						7/1/15 1:02	
Tetrachloro-m-xylene [2]	109	30-150						7/1/15 1:02	

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Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 23-122 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.0		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 24-122 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-02

Sample Matrix: Soil

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 dry	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL
Aroclor-1254 [2]	0.20	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:14	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	87.0	30-150						7/1/15 1:14	
Decachlorobiphenyl [2]	105	30-150						7/1/15 1:14	
Tetrachloro-m-xylene [1]	93.5	30-150						7/1/15 1:14	
Tetrachloro-m-xylene [2]	102	30-150						7/1/15 1:14	

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Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 24-122 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.8		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 25-122 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-03

Sample Matrix: Soil

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 dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL
Aroclor-1254 [2]	0.18	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:27	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	83.7	30-150						7/1/15 1:27	
Decachlorobiphenyl [2]	100	30-150						7/1/15 1:27	
Tetrachloro-m-xylene [1]	94.9	30-150						7/1/15 1:27	
Tetrachloro-m-xylene [2]	105	30-150						7/1/15 1:27	

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Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 25-122 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.3		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 26-122 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-04

Sample Matrix: Soil

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 dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL
Aroclor-1254 [2]	0.23	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:39	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	87.3	30-150							
Decachlorobiphenyl [2]	107	30-150							
Tetrachloro-m-xylene [1]	95.8	30-150							
Tetrachloro-m-xylene [2]	104	30-150							

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Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Sampled: 6/26/2015 00:00

Field Sample #: 26-122 soil

Sample ID: 15F1354-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.8		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 27-122 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-05

Sample Matrix: Soil

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 dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL
Aroclor-1254 [2]	0.20	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 1:51	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	83.1	30-150						7/1/15 1:51	
Decachlorobiphenyl [2]	101	30-150						7/1/15 1:51	
Tetrachloro-m-xylene [1]	90.7	30-150						7/1/15 1:51	
Tetrachloro-m-xylene [2]	99.3	30-150						7/1/15 1:51	

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Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 27-122 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.3		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 28-122 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-06

Sample Matrix: Soil

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 dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL
Aroclor-1254 [2]	0.27	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:04	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	88.6	30-150						7/1/15 2:04	
Decachlorobiphenyl [2]	108	30-150						7/1/15 2:04	
Tetrachloro-m-xylene [1]	97.6	30-150						7/1/15 2:04	
Tetrachloro-m-xylene [2]	107	30-150						7/1/15 2:04	

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 28-122 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.0		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 29-122 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-07

Sample Matrix: Soil

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 dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL
Aroclor-1254 [2]	0.17	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:16	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	83.7	30-150						7/1/15 2:16	
Decachlorobiphenyl [2]	102	30-150						7/1/15 2:16	
Tetrachloro-m-xylene [1]	92.0	30-150						7/1/15 2:16	
Tetrachloro-m-xylene [2]	101	30-150						7/1/15 2:16	

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 29-122 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.2		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 30-123 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-08

Sample Matrix: Soil

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 dry	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:28	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	89.5	30-150						7/1/15 2:28	
Decachlorobiphenyl [2]	107	30-150						7/1/15 2:28	
Tetrachloro-m-xylene [1]	99.5	30-150						7/1/15 2:28	
Tetrachloro-m-xylene [2]	110	30-150						7/1/15 2:28	

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 30-123 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.8		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 31-123 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-09

Sample Matrix: Soil

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 dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 2:40	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	85.6	30-150						7/1/15 2:40	
Decachlorobiphenyl [2]	102	30-150						7/1/15 2:40	
Tetrachloro-m-xylene [1]	96.7	30-150						7/1/15 2:40	
Tetrachloro-m-xylene [2]	107	30-150						7/1/15 2:40	

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 31-123 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.2		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 32-123 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-10

Sample Matrix: Soil

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 dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:30	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	87.6	30-150						7/1/15 3:30	
Decachlorobiphenyl [2]	102	30-150						7/1/15 3:30	
Tetrachloro-m-xylene [1]	95.4	30-150						7/1/15 3:30	
Tetrachloro-m-xylene [2]	104	30-150						7/1/15 3:30	

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Sampled: 6/26/2015 00:00

Field Sample #: 32-123 soil

Sample ID: 15F1354-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.1		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 33-123 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-11

Sample Matrix: Soil

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 dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:42	KAL
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	86.8		30-150				7/1/15 3:42		
Decachlorobiphenyl [2]	99.6		30-150				7/1/15 3:42		
Tetrachloro-m-xylene [1]	96.5		30-150				7/1/15 3:42		
Tetrachloro-m-xylene [2]	107		30-150				7/1/15 3:42		

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 33-123 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.0		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 34-123 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 3:54	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	72.3	30-150						7/1/15 3:54	
Decachlorobiphenyl [2]	83.8	30-150						7/1/15 3:54	
Tetrachloro-m-xylene [1]	80.2	30-150						7/1/15 3:54	
Tetrachloro-m-xylene [2]	88.2	30-150						7/1/15 3:54	

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 34-123 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.1		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 35-123 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-13

Sample Matrix: Soil

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 dry	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:07	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	87.2	30-150						7/1/15 4:07	
Decachlorobiphenyl [2]	104	30-150						7/1/15 4:07	
Tetrachloro-m-xylene [1]	96.0	30-150						7/1/15 4:07	
Tetrachloro-m-xylene [2]	105	30-150						7/1/15 4:07	

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 35-123 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.9		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 36-123 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-14

Sample Matrix: Soil

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 dry	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:19	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	85.9	30-150						7/1/15 4:19	
Decachlorobiphenyl [2]	99.9	30-150						7/1/15 4:19	
Tetrachloro-m-xylene [1]	92.0	30-150						7/1/15 4:19	
Tetrachloro-m-xylene [2]	101	30-150						7/1/15 4:19	

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 36-123 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.8		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 37-124 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-15

Sample Matrix: Soil

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 dry	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL
Aroclor-1254 [2]	0.21	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:31	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	89.1	30-150						7/1/15 4:31	
Decachlorobiphenyl [2]	104	30-150						7/1/15 4:31	
Tetrachloro-m-xylene [1]	96.4	30-150						7/1/15 4:31	
Tetrachloro-m-xylene [2]	106	30-150						7/1/15 4:31	

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 37-124 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.0		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 38-124 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL
Aroclor-1254 [2]	0.21	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:44	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	85.0	30-150							
Decachlorobiphenyl [2]	100	30-150							
Tetrachloro-m-xylene [1]	95.4	30-150							
Tetrachloro-m-xylene [2]	105	30-150							

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 38-124 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.5		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 39-124 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-17

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL
Aroclor-1260 [2]	0.33	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 4:56	KAL
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	86.4		30-150				7/1/15 4:56		
Decachlorobiphenyl [2]	101		30-150				7/1/15 4:56		
Tetrachloro-m-xylene [1]	93.1		30-150				7/1/15 4:56		
Tetrachloro-m-xylene [2]	102		30-150				7/1/15 4:56		

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 39-124 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.1		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 40-124 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-18

Sample Matrix: Soil

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 dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL
Aroclor-1254 [2]	0.19	0.10	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:08	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	81.4	30-150						7/1/15 5:08	
Decachlorobiphenyl [2]	96.7	30-150						7/1/15 5:08	
Tetrachloro-m-xylene [1]	93.0	30-150						7/1/15 5:08	
Tetrachloro-m-xylene [2]	102	30-150						7/1/15 5:08	

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 40-124 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.4		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 41-124 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-19

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL
Aroclor-1254 [2]	0.25	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:21	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	81.3	30-150						7/1/15 5:21	
Decachlorobiphenyl [2]	96.6	30-150						7/1/15 5:21	
Tetrachloro-m-xylene [1]	94.6	30-150						7/1/15 5:21	
Tetrachloro-m-xylene [2]	104	30-150						7/1/15 5:21	

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 41-124 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.5		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 42-124 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-20

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL
Aroclor-1254 [2]	0.26	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	6/26/15	7/1/15 5:33	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	82.9	30-150						7/1/15 5:33	
Decachlorobiphenyl [2]	102	30-150						7/1/15 5:33	
Tetrachloro-m-xylene [1]	89.2	30-150						7/1/15 5:33	
Tetrachloro-m-xylene [2]	95.5	30-150						7/1/15 5:33	

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 42-124 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.4		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 43-124 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-21

Sample Matrix: Soil

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 dry	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL
Aroclor-1254 [2]	0.24	0.11	mg/Kg dry	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	6/27/15	7/1/15 4:11	KAL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
Decachlorobiphenyl [1]	98.7	30-150							
Decachlorobiphenyl [2]	117	30-150							
Tetrachloro-m-xylene [1]	109	30-150							
Tetrachloro-m-xylene [2]	121	30-150							

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

Project Location: Osborn School

Sample Description:

Work Order: 15F1354

Date Received: 6/26/2015

Field Sample #: 43-124 soil

Sampled: 6/26/2015 00:00

Sample ID: 15F1354-21

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.4		% Wt	1		SM 2540G	6/26/15	6/27/15 14:32	MJR

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

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
15F1354-01 [23-122 soil]	B125050	06/26/15
15F1354-02 [24-122 soil]	B125050	06/26/15
15F1354-03 [25-122 soil]	B125050	06/26/15
15F1354-04 [26-122 soil]	B125050	06/26/15
15F1354-05 [27-122 soil]	B125050	06/26/15
15F1354-06 [28-122 soil]	B125050	06/26/15
15F1354-07 [29-122 soil]	B125050	06/26/15
15F1354-08 [30-123 soil]	B125050	06/26/15
15F1354-09 [31-123 soil]	B125050	06/26/15
15F1354-10 [32-123 soil]	B125050	06/26/15
15F1354-11 [33-123 soil]	B125050	06/26/15
15F1354-12 [34-123 soil]	B125050	06/26/15
15F1354-13 [35-123 soil]	B125050	06/26/15
15F1354-14 [36-123 soil]	B125050	06/26/15
15F1354-15 [37-124 soil]	B125050	06/26/15
15F1354-16 [38-124 soil]	B125050	06/26/15
15F1354-17 [39-124 soil]	B125050	06/26/15
15F1354-18 [40-124 soil]	B125050	06/26/15
15F1354-19 [41-124 soil]	B125050	06/26/15
15F1354-20 [42-124 soil]	B125050	06/26/15
15F1354-21 [43-124 soil]	B125050	06/26/15

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15F1354-01 [23-122 soil]	B125051	10.1	10.0	06/26/15
15F1354-02 [24-122 soil]	B125051	10.1	10.0	06/26/15
15F1354-03 [25-122 soil]	B125051	10.1	10.0	06/26/15
15F1354-04 [26-122 soil]	B125051	10.1	10.0	06/26/15
15F1354-05 [27-122 soil]	B125051	10.2	10.0	06/26/15
15F1354-06 [28-122 soil]	B125051	10.2	10.0	06/26/15
15F1354-07 [29-122 soil]	B125051	10.1	10.0	06/26/15
15F1354-08 [30-123 soil]	B125051	10.0	10.0	06/26/15
15F1354-09 [31-123 soil]	B125051	10.0	10.0	06/26/15
15F1354-10 [32-123 soil]	B125051	10.0	10.0	06/26/15
15F1354-11 [33-123 soil]	B125051	10.1	10.0	06/26/15
15F1354-12 [34-123 soil]	B125051	10.2	10.0	06/26/15
15F1354-13 [35-123 soil]	B125051	10.0	10.0	06/26/15
15F1354-14 [36-123 soil]	B125051	10.0	10.0	06/26/15
15F1354-15 [37-124 soil]	B125051	10.2	10.0	06/26/15
15F1354-16 [38-124 soil]	B125051	10.1	10.0	06/26/15
15F1354-17 [39-124 soil]	B125051	10.1	10.0	06/26/15
15F1354-18 [40-124 soil]	B125051	10.1	10.0	06/26/15
15F1354-19 [41-124 soil]	B125051	10.3	10.0	06/26/15
15F1354-20 [42-124 soil]	B125051	10.2	10.0	06/26/15

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15F1354-21 [43-124 soil]	B125061	10.3	10.0	06/27/15

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 B125051 - SW-846 3540C

Blank (B125051-BLK1)

Prepared: 06/26/15 Analyzed: 07/01/15

Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.183		mg/Kg wet	0.200		91.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.214		mg/Kg wet	0.200		107	30-150			
Surrogate: Tetrachloro-m-xylene	0.182		mg/Kg wet	0.200		91.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.208		mg/Kg wet	0.200		104	30-150			

LCS (B125051-BS1)

Prepared: 06/26/15 Analyzed: 07/01/15

Aroclor-1016	0.17	0.020	mg/Kg wet	0.196		89.2	40-140			
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.196		94.9	40-140			
Aroclor-1260	0.17	0.020	mg/Kg wet	0.196		86.2	40-140			
Aroclor-1260 [2C]	0.20	0.020	mg/Kg wet	0.196		99.9	40-140			
Surrogate: Decachlorobiphenyl	0.168		mg/Kg wet	0.196		85.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.197		mg/Kg wet	0.196		100	30-150			
Surrogate: Tetrachloro-m-xylene	0.172		mg/Kg wet	0.196		87.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.196		mg/Kg wet	0.196		99.7	30-150			

LCS Dup (B125051-BSD1)

Prepared: 06/26/15 Analyzed: 07/01/15

Aroclor-1016	0.17	0.020	mg/Kg wet	0.196		89.1	40-140	0.0410	30	
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.196		94.8	40-140	0.0754	30	
Aroclor-1260	0.17	0.020	mg/Kg wet	0.196		86.0	40-140	0.247	30	
Aroclor-1260 [2C]	0.20	0.020	mg/Kg wet	0.196		99.7	40-140	0.245	30	
Surrogate: Decachlorobiphenyl	0.164		mg/Kg wet	0.196		83.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.193		mg/Kg wet	0.196		98.2	30-150			
Surrogate: Tetrachloro-m-xylene	0.170		mg/Kg wet	0.196		86.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.194		mg/Kg wet	0.196		98.9	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 B125051 - SW-846 3540C

Matrix Spike (B125051-MS1)		Source: 15F1354-01		Prepared: 06/26/15 Analyzed: 07/01/15						
Aroclor-1016	0.25	0.11	mg/Kg dry	0.223	ND	112	40-140			
Aroclor-1016 [2C]	0.28	0.11	mg/Kg dry	0.223	ND	127	40-140			
Aroclor-1260	0.27	0.11	mg/Kg dry	0.223	ND	121	40-140			
Aroclor-1260 [2C]	0.33	0.11	mg/Kg dry	0.223	ND	146 *	40-140			MS-22
Surrogate: Decachlorobiphenyl	0.194		mg/Kg dry	0.223		86.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.238		mg/Kg dry	0.223		107	30-150			
Surrogate: Tetrachloro-m-xylene	0.214		mg/Kg dry	0.223		95.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.233		mg/Kg dry	0.223		105	30-150			

Matrix Spike Dup (B125051-MSD1)		Source: 15F1354-01		Prepared: 06/26/15 Analyzed: 07/01/15						
Aroclor-1016	0.25	0.11	mg/Kg dry	0.226	ND	109	40-140	0.577	50	
Aroclor-1016 [2C]	0.27	0.11	mg/Kg dry	0.226	ND	122	40-140	3.20	50	
Aroclor-1260	0.26	0.11	mg/Kg dry	0.226	ND	115	40-140	3.48	50	
Aroclor-1260 [2C]	0.32	0.11	mg/Kg dry	0.226	ND	140	40-140	3.04	50	
Surrogate: Decachlorobiphenyl	0.189		mg/Kg dry	0.226		83.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.231		mg/Kg dry	0.226		102	30-150			
Surrogate: Tetrachloro-m-xylene	0.216		mg/Kg dry	0.226		95.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.236		mg/Kg dry	0.226		105	30-150			

Batch B125061 - SW-846 3540C

Blank (B125061-BLK1)		Prepared: 06/27/15 Analyzed: 07/01/15								
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.195		mg/Kg wet	0.200		97.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.223		mg/Kg wet	0.200		111	30-150			
Surrogate: Tetrachloro-m-xylene	0.194		mg/Kg wet	0.200		97.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.215		mg/Kg wet	0.200		107	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 B125061 - SW-846 3540C

LCS (B125061-BS1)

Prepared: 06/27/15 Analyzed: 07/01/15

Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		80.0	40-140			
Aroclor-1016 [2C]	0.16	0.020	mg/Kg wet	0.200		81.4	40-140			
Aroclor-1260	0.14	0.020	mg/Kg wet	0.200		70.0	40-140			
Aroclor-1260 [2C]	0.15	0.020	mg/Kg wet	0.200		74.2	40-140			
Surrogate: Decachlorobiphenyl	0.125		mg/Kg wet	0.200		62.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.145		mg/Kg wet	0.200		72.6	30-150			
Surrogate: Tetrachloro-m-xylene	0.159		mg/Kg wet	0.200		79.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.178		mg/Kg wet	0.200		88.8	30-150			

LCS Dup (B125061-BSD1)

Prepared: 06/27/15 Analyzed: 07/01/15

Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		90.7	40-140	12.5	30	
Aroclor-1016 [2C]	0.18	0.020	mg/Kg wet	0.200		90.1	40-140	10.1	30	
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		88.5	40-140	23.4	30	
Aroclor-1260 [2C]	0.19	0.020	mg/Kg wet	0.200		92.6	40-140	22.1	30	
Surrogate: Decachlorobiphenyl	0.171		mg/Kg wet	0.200		85.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.198		mg/Kg wet	0.200		98.9	30-150			
Surrogate: Tetrachloro-m-xylene	0.172		mg/Kg wet	0.200		86.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.190		mg/Kg wet	0.200		94.9	30-150			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B125050 - % Solids

Duplicate (B125050-DUP3)		Source: 15F1354-01		Prepared: 06/26/15 Analyzed: 06/27/15						
% Solids	86.2		% Wt		88.0			2.07	20	
Duplicate (B125050-DUP4)		Source: 15F1354-05		Prepared: 06/26/15 Analyzed: 06/27/15						
% Solids	86.3		% Wt		87.3			1.15	20	

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

23-122 soil

Lab Sample ID: 15F1354-01 Date(s) Analyzed: 07/01/2015 07/01/2015

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	-0.03	0.03	0.14	
	2	0.00	-0.03	0.03	0.20	34.6

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES****24-122 soil***SW-846 8082A*

Lab Sample ID: 15F1354-02 Date(s) Analyzed: 07/01/2015 07/01/2015
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	-0.03	0.03	0.14	
	2	0.00	-0.03	0.03	0.20	36.0

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**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

SW-846 8082A

25-122 soil

Lab Sample ID: 15F1354-03 Date(s) Analyzed: 07/01/2015 07/01/2015

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	-0.03	0.03	0.13	
	2	0.00	-0.03	0.03	0.18	35.3

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

26-122 soil

Lab Sample ID: 15F1354-04 Date(s) Analyzed: 07/01/2015 07/01/2015

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	-0.03	0.03	0.16	
	2	0.00	-0.03	0.03	0.23	35.9

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

27-122 soil

Lab Sample ID: 15F1354-05 Date(s) Analyzed: 07/01/2015 07/01/2015
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	-0.03	0.03	0.15	
	2	0.00	-0.03	0.03	0.20	29.9

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**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

SW-846 8082A

28-122 soil

Lab Sample ID: 15F1354-06 Date(s) Analyzed: 07/01/2015 07/01/2015
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	-0.03	0.03	0.19	
	2	0.00	-0.03	0.03	0.27	34.8

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES***SW-846 8082A***29-122 soil**

Lab Sample ID: 15F1354-07 Date(s) Analyzed: 07/01/2015 07/01/2015
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	-0.03	0.03	0.12	
	2	0.00	-0.03	0.03	0.17	36.9

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES***SW-846 8082A***37-124 soil**

Lab Sample ID: 15F1354-15 Date(s) Analyzed: 07/01/2015 07/01/2015
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	-0.03	0.03	0.15	
	2	0.00	-0.03	0.03	0.21	33.3

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

38-124 soil

Lab Sample ID: 15F1354-16 Date(s) Analyzed: 07/01/2015 07/01/2015

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	-0.03	0.03	0.15	
	2	0.00	-0.03	0.03	0.21	30.8

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**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

SW-846 8082A

39-124 soil

Lab Sample ID: 15F1354-17 Date(s) Analyzed: 07/01/2015 07/01/2015
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-1260	1	0.00	-0.03	0.03	0.28	
	2	0.00	-0.03	0.03	0.33	17.1

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES***SW-846 8082A***40-124 soil**Lab Sample ID: 15F1354-18 Date(s) Analyzed: 07/01/2015 07/01/2015

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	-0.03	0.03	0.14	
	2	0.00	-0.03	0.03	0.19	31.0

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

41-124 soil

Lab Sample ID: 15F1354-19 Date(s) Analyzed: 07/01/2015 07/01/2015
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	-0.03	0.03	0.18	
	2	0.00	-0.03	0.03	0.25	30.4

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES***SW-846 8082A***42-124 soil**

Lab Sample ID: 15F1354-20 Date(s) Analyzed: 07/01/2015 07/01/2015
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	-0.03	0.03	0.19	
	2	0.00	-0.03	0.03	0.26	33.2

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES****43-124 soil***SW-846 8082A*

Lab Sample ID: 15F1354-21 Date(s) Analyzed: 07/01/2015 07/01/2015
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	-0.03	0.03	0.19	
	2	0.00	-0.03	0.03	0.24	22.2

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES***SW-846 8082A***LCS**Lab Sample ID: B125051-BS1 Date(s) Analyzed: 07/01/2015 07/01/2015

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	-0.03	0.03	0.17	
	2	0.00	-0.03	0.03	0.19	8
Aroclor-1260	1	0.00	-0.03	0.03	0.17	
	2	0.00	-0.03	0.03	0.20	17

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B125051-BSD1 Date(s) Analyzed: 07/01/2015 07/01/2015

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	-0.03	0.03	0.17	
	2	0.00	-0.03	0.03	0.19	8
Aroclor-1260	1	0.00	-0.03	0.03	0.17	
	2	0.00	-0.03	0.03	0.20	17

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

**IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES**

SW-846 8082A

Matrix Spike

Lab Sample ID: B125051-MS1 Date(s) Analyzed: 07/01/2015 07/01/2015

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	-0.03	0.03	0.25	
	2	0.00	-0.03	0.03	0.28	12
Aroclor-1260	1	0.00	-0.03	0.03	0.27	
	2	0.00	-0.03	0.03	0.33	20

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B125051-MSD1 Date(s) Analyzed: 07/01/2015 07/01/2015

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	-0.03	0.03	0.25	
	2	0.00	-0.03	0.03	0.27	9
Aroclor-1260	1	0.00	-0.03	0.03	0.26	
	2	0.00	-0.03	0.03	0.32	21

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B125061-BS1 Date(s) Analyzed: 07/01/2015 07/01/2015

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	-0.03	0.03	0.16	
	2	0.00	-0.03	0.03	0.16	0
Aroclor-1260	1	0.00	-0.03	0.03	0.14	
	2	0.00	-0.03	0.03	0.15	7

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B125061-BSD1 Date(s) Analyzed: 07/01/2015 07/01/2015

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	-0.03	0.03	0.18	
	2	0.00	-0.03	0.03	0.18	1
Aroclor-1260	1	0.00	-0.03	0.03	0.18	
	2	0.00	-0.03	0.03	0.19	7

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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-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
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	06/30/2016
CT	Connecticut Department of Public Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	09/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2015
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2015



Phone: 413-525-2332
Fax: 413-525-8405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page ____ of ____

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. Gfaham

Email: results@amcenviro.com

Project Proposal Provided? (for billing purposes)

☐ yes ☐ proposal date

Format: ☐ PDF ☐ EXCEL ☐ OGIS ☐ OTHER

☐ "Enhanced Data Package"

Matrix Code

Grab

Composite

Ending Date/Time

Beginning Date/Time

Client Sample ID / Description

Con-Test Lab ID (laboratory use only)

Collection

Matrix Code

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Page ____ of ____

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Sampled By: *B. Graham*

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☐ yes ☐ no ☐ proposal date

DATA DELIVERY (check all that apply)

☐ FAX ☒ EMAIL ☐ WEBSITE

Fax #

Email: *results@amcenviro.com*

Format:

☐ PDF ☐ EXCEL ☐ GIS

☐ OTHER

☐ "Enhanced Data Package"

Collection

Beginning Date/Time

Ending Date/Time

Composite

Grab

*Matrix Code

Date

Con-Test Lab ID (laboratory use only)

Client Sample ID / Description

11 33- 123 Soil

12 34- 1

13 35- 1

14 36- 1

15 37- 124 Soil

16 38- 1

17 39- 1

18 40- 1

19 41- 1

20 42- 1

Comments:

Relinquished by: (signature)

Received by: (signature)

Relinquished by: (signature)

Received by: (signature)

Date/Time:

Date/Time:

Date/Time:

Date/Time:

Turnaround ^{††}

☐ 7-Day

☐ 10-Day

☒ Other

RUSH [†]

☐ 12-Hr ☒ 14-Hr

☐ 172-Hr ☐ 14-Day

[†] Require lab approval

Detection Limit Requirements

Massachusetts:

Connecticut:

Other:

Is your project MCP or RCP ?

☐ MCP Form Required

☐ RCP Form Required

☐ MA State DW Form Required PWSID #

nelac

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

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Page 1 of 2



Sample Receipt Checklist

CLIENT NAME: AMC Environmental RECEIVED BY: RLF DATE: 6/26/15

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 21.1°C

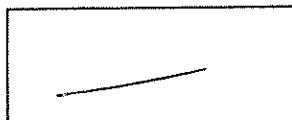
5) Are there Dissolved samples for the lab to filter? Yes No

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:



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>21</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.	T		
2) The cooler or samples do not appear to have been compromised or tampered with.	T		
3) Samples were received on ice.	F		direct from sampling
4) Cooler Temperature is acceptable.	N/A		
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.	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		

Who notified of False statements?

Date/Time:

Doc #277 Rev. 4 August 2013

Log-In Technician Initials:

Date/Time:

RLF 6/26/15 1705