Gurye
Area

PHOENIX
Environmental Laboratories, Inc.

Thursday, August 28, 2014

Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Project ID: CREC DISCOVERY ACADEMY
Sample ID#s: BG89555

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 28, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/07/14	9:15
Location Code:	F&OENVIRPCB	Received by:	SW	08/07/14	11:15
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG89555
Phoenix ID: BG89555

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-C1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	08/07/14	I	E160.3
Extraction for PCB	Completed			08/07/14	PT/K/G	SW3540C
SPLP PCB Extraction	Completed			08/25/14	W/W	SW3510/3520
SPLP Extraction for Organics	Completed			08/22/14	I	EPA1312
PCB (Soxhlet)						
PCB-1016	ND	1.7	mg/kg	08/08/14	AW	3540C/8082
PCB-1221	ND	1.7	mg/kg	08/08/14	AW	3540C/8082
PCB-1232	ND	1.7	mg/kg	08/08/14	AW	3540C/8082
PCB-1242	ND	1.7	mg/kg	08/08/14	AW	3540C/8082
PCB-1248	ND	1.7	mg/kg	08/08/14	AW	3540C/8082
PCB-1254	ND	1.7	mg/kg	08/08/14	AW	3540C/8082
PCB-1260	2.7	1.7	mg/kg	08/08/14	AW	3540C/8082
PCB-1262	ND	1.7	mg/kg	08/08/14	AW	3540C/8082
PCB-1268	ND	1.7	mg/kg	08/08/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	Diluted Out		%	08/08/14	AW	30 - 150 %
% TCMX	Diluted Out		%	08/08/14	AW	30 - 150 %
SPLP Polychlorinated Biphenyls						
PCB-1016	ND	0.50	ug/L	08/25/14	AW	SW8082
PCB-1221	ND	0.50	ug/L	08/25/14	AW	SW8082
PCB-1232	ND	0.50	ug/L	08/25/14	AW	SW8082
PCB-1242	ND	0.50	ug/L	08/25/14	AW	SW8082
PCB-1248	ND	0.50	ug/L	08/25/14	AW	SW8082
PCB-1254	ND	0.50	ug/L	08/25/14	AW	SW8082
PCB-1260	ND	0.50	ug/L	08/25/14	AW	SW8082
PCB-1262	ND	0.50	ug/L	08/25/14	AW	SW8082

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-C1

Phoenix I.D.: BG89555

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB-1268	ND	0.50	ug/L	08/25/14	AW	SW8082
QA/QC Surrogates						
%DCBP (Surrogate Rec)	107		%	08/25/14	AW	30 - 150 %
%TCMX (Surrogate Rec)	103		%	08/25/14	AW	30 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
August 28, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

August 28, 2014

QA/QC Data

SDG I.D.: GBG89555

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 282508, QC Sample No: BG89625 (BG89555, BG89556, BG89557, BG89558, BG89559, BG89560, BG89561)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	85	82	3.6	89	88	1.1	40 - 140	30	
PCB-1221	ND							40 - 140	30	
PCB-1232	ND							40 - 140	30	
PCB-1242	ND							40 - 140	30	
PCB-1248	ND							40 - 140	30	
PCB-1254	ND							40 - 140	30	
PCB-1260	ND	87	87	0.0	131	130	0.8	40 - 140	30	
PCB-1262	ND							40 - 140	30	
PCB-1268	ND							40 - 140	30	
% DCBP (Surrogate Rec)	90	96	99	3.1	100	97	3.0	30 - 150	30	
% TCMX (Surrogate Rec)	98	92	97	5.3	96	95	1.0	30 - 150	30	
QA/QC Batch 284176, QC Sample No: BG98606 (BG89555)										
Polychlorinated Biphenyls										
PCB-1016	ND	86	97	12.0				40 - 140	20	
PCB-1221	ND							40 - 140	20	
PCB-1232	ND							40 - 140	20	
PCB-1242	ND							40 - 140	20	
PCB-1248	ND							40 - 140	20	
PCB-1254	ND							40 - 140	20	
PCB-1260	ND	92	92	0.0				40 - 140	20	
PCB-1262	ND							40 - 140	20	
PCB-1268	ND							40 - 140	20	
% DCBP (Surrogate Rec)	96	90	50	57.1				30 - 150	20	r
% TCMX (Surrogate Rec)	85	85	98	14.2				30 - 150	20	

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
August 28, 2014

Thursday, August 28, 2014

Criteria: None

State: CT

Sample Criteria Exceedences Report

GBG89555 - FOENVIRPCB

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** Fuss & O'Neill EnviroScience, LLC

Project Location: CREC DISCOVERY ACADEMY **Project Number:**

Laboratory Sample ID(s): BG89555, BG89556, BG89557, BG89558, BG89559, BG89560, BG89561

Sampling Date(s): 8/7/2014

RCP Methods Used:

☑ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15

☑ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes ☐ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☑ Yes ☐ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No ☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☐ Yes ☑ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Date: Thursday, August 28, 2014

Authorized Signature: Ethan Lee

Printed Name: Ethan Lee

Position: Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NY # 11301

RCP Certification Report

August 28, 2014

SDG I.D.: GBG89555

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 08/08/14-1 (BG89556, BG89557, BG89558)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/8/2014

Instrument: Au-ecd24 08/08/14-1 (BG89561)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/8/2014

Instrument: Au-ecd3 08/08/14-1 (BG89555)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/8/2014

Instrument: Au-ecd3 08/25/14-1 (BG89555)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

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ACCREDITED IN ACCORDANCE WITH NY # 11301

RCP Certification Report

August 28, 2014

SDG I.D.: GBG89555

Printed Name Adam Werner
Position: Chemist
Date: 8/25/2014

Instrument: Au-ecd5 08/08/14-1 (BG89559, BG89560)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/8/2014

QC Comments: QC Batch 284176 08/22/14 (BG89555)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QC (Batch Specific)

---------- Sample No: BG89625, QA/QC Batch: 282508 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BG98606, QA/QC Batch: 284176 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: % DCBP (Surrogate Rec)(57.1%)

Temperature Narration

The samples in this delivery group were received at 1°C.
(Note acceptance criteria is above freezing up to 6°C)

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NY # 11301

RCP Certification Report

August 28, 2014

SDG I.D.: GBG89555

1.0C
WIC
ICE

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Disciplines to Deliver
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☐ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201
☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1700

☒ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ ~~2 Days*~~ ☐ Standard (____ days) *Surcharge Applies

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
KAL ~~20110979.A2E~~	CREC Discovery Academy Garage Area	20110979.A2E	Phoenix

REPORT TO: Kathleen Pane katepane@fando.com
INVOICE TO: Sarah Owens
P.O. NO.: 20110979.A2E
Sampler's Signature: KAL Date: 8/7/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request

Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA8082 PCBs, 3540C Soxhlet								Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water [ ] Na(SO4)2	Glass Soil Container (X) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] H2SO4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H2SO4, [ ] 250 ml [ ] 500 ml	Plastic - HNO3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
					KR-																							
					C1	S	8/7/14	0915	X			89555							1									18" bgs
					E3	↓	↓	0917	↓			89556							1									18" bgs
					H2	↓	↓	0919	↓			89557							1									18" bgs
					I4	↓	↓	0921	↓			89558							1									18" bgs
					J5	S	8/7/14	0923	X			89559							1									18" bgs
					J7	↓	↓	0925	↓			89560							1									18" bgs
					L3	S	8/7/14	0930	X			89561							1									18" bgs

8/7/14 KAL

Transfer Number	Relinquished By	Accepted By	Date	Time
1	KAL	[signature]	8/7/14	1115
2				
3				
4				

Reporting and Detection Limit Requirements: RL ≤ 1mg/kg EPA8082PCBs, 3540C Soxhlet

Additional Comments: Samples collected from garage area following removal of additional 6" of soil at locations >1 ppm. PCB's
KAL ~~8/6~~ KAL 8/7/14

Linda - Phoenixlabs

From: Kathleen Pane [KPane@fando.com]
Sent: Friday, August 22, 2014 3:08 PM
To: Linda - Phoenixlabs
Subject: RE: Discovery Academy soil

Scratch that. Sample KR-C1 from Phoenix ID BG89555

Can we do SPLP PCB? Or past holding time?

Kathleen Pane
Project Manager
Fuss & O'Neill EnviroScience, LLC | 146 Hartford Road | Manchester, CT 06040
860.646.2469 x5585 | kpane@fando.com | fax: 860.649.6883 | cell: 860.510.9290
www.fando.com | twitter | facebook | linkedin

From: Linda - Phoenixlabs [mailto:linda@phoenixlabs.com]
Sent: Friday, August 22, 2014 2:59 PM
To: Kathleen Pane
Subject: RE: Discovery Academy soil

what is the Phoenix ID#?

-Linda Chapman
Client Services Representative
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 1-860-645-1102

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, and exempt from disclosure under applicable law.

From: Kathleen Pane [mailto:KPane@fando.com]
Sent: Friday, August 22, 2014 2:57 PM
To: Linda - Phoenixlabs (linda@phoenixlabs.com)
Subject: Discovery Academy soil

Do you still have a sample "Garage KR-L13"? IF so, has it surpassed holding time for SPLP PCBs?

Kathleen Pane
Project Manager
Fuss & O'Neill EnviroScience, LLC | 146 Hartford Road | Manchester, CT 06040
860.646.2469 x5585 | kpane@fando.com | fax: 860.649.6883 | cell: 860.510.9290
www.fando.com | twitter | facebook | linkedin

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Linda - Phoenixlabs

From: Kathleen Pane [KPane@fando.com]
Sent: Friday, August 22, 2014 3:19 PM
To: Linda - Phoenixlabs
Subject: RE: Discovery Academy soil

Yes please. It can be a 5 day turn around time.

Kathleen Pane
Project Manager
Fuss & O'Neill EnviroScience, LLC | 146 Hartford Road | Manchester, CT 06040
860.646.2469 x5585 | kpane@fando.com | fax: 860.649.6883 | cell: 860.510.9290
www.fando.com | twitter | facebook | linkedin

From: Linda - Phoenixlabs [mailto:linda@phoenixlabs.com]
Sent: Friday, August 22, 2014 3:18 PM
To: Kathleen Pane
Subject: RE: Discovery Academy soil

BG89555
Is still in holding time, do you want to add on?

-Linda Chapman
Client Services Representative
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 1-860-645-1102

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From: Kathleen Pane [mailto:KPane@fando.com]
Sent: Friday, August 22, 2014 3:08 PM
To: Linda - Phoenixlabs
Subject: RE: Discovery Academy soil

Scratch that. Sample KR-C1 from Phoenix ID BG89555

Can we do SPLP PCB? Or past holding time?

Kathleen Pane
Project Manager
Fuss & O'Neill EnviroScience, LLC | 146 Hartford Road | Manchester, CT 06040
860.646.2469 x5585 | kpane@fando.com | fax: 860.649.6883 | cell: 860.510.9290
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From: Linda - Phoenixlabs [mailto:linda@phoenixlabs.com]
Sent: Friday, August 22, 2014 2:59 PM
To: Kathleen Pane
Subject: RE: Discovery Academy soil

what is the Phoenix ID#?

-Linda Chapman
Client Services Representative
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 1-860-645-1102

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From: Kathleen Pane [mailto:KPane@fando.com]
Sent: Friday, August 22, 2014 2:57 PM
To: Linda - Phoenixlabs (linda@phoenixlabs.com)
Subject: Discovery Academy soil

Do you still have a sample "Garage KR-L13"? IF so, has it surpassed holding time for SPLP PCBs?

Kathleen Pane
Project Manager
Fuss & O'Neill EnviroScience, LLC | 146 Hartford Road | Manchester, CT 06040
860.646.2469 x5585 | kpane@fando.com | fax: 860.649.6883 | cell: 860.510.9290
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Garage Area
Y3

PHOENIX
Environmental Laboratories, Inc.

Thursday, August 28, 2014

Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Project ID: DISCOVERY ACADEMY
Sample ID#s: BG99033

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

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Telephone (860) 645-1102 Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 28, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/25/14	8:35
Location Code:	F&OENVIRPCB	Received by:	LB	08/25/14	9:14
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG99033
Phoenix ID: BG99033

Project ID: DISCOVERY ACADEMY
Client ID: 082514-BG-Y3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	08/25/14	I	E160.3
Extraction for PCB	Completed			08/25/14	PP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.39	mg/kg	08/26/14	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	08/26/14	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	08/26/14	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	08/26/14	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	08/26/14	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	08/26/14	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	08/26/14	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	08/26/14	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	08/26/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	99		%	08/26/14	AW	30 - 150 %
% TCMX	84		%	08/26/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 082514-BG-Y3

Phoenix I.D.: BG99033

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
August 28, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

August 28, 2014

QA/QC Data

SDG I.D.: GBG99033

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 284247, QC Sample No: BG98607 (BG99033)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	98	99	1.0	102	97	5.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	101	101	0.0	104	101	2.9	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	110	113	104	8.3	107	99	7.8	30 - 150	30
% TCMX (Surrogate Rec)	102	103	95	8.1	106	98	7.8	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
August 28, 2014

Thursday, August 28, 2014

Criteria: None

State: CT

Sample Criteria Exceedences Report

GBG99033 - FOENVIRPCB

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** Fuss & O'Neill EnviroScience, LLC

Project Location: DISCOVERY ACADEMY **Project Number:**

Laboratory Sample ID(s): BG99033

Sampling Date(s): 8/25/2014

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15

☑ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☐ Yes ☑ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☑ Yes ☐ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No ☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☐ Yes ☑ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Ethan Lee

Date: Thursday, August 28, 2014

Printed Name: Ethan Lee

Position: Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NY # 11301

RCP Certification Report

August 28, 2014

SDG I.D.: GBG99033

The sample was received by the laboratory less than two hours after collection at a temperature of 8 degrees C with cooling initiated. No significant bias is suspected.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd8 08/26/14-1 (BG99033)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/26/2014

QC (Batch Specific)

---------- Sample No: BG98607, QA/QC Batch: 284247 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 8C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)

8/20/14

FUSS & O'NEILL ENVIROSCIENCE, LLC
Disciplines to Deliver
(860) 646-2469 • www.FandO.com

- ☑ 146 Hartford Road, Manchester, CT 06040
- ☐ 56 Quarry Road, Trumbull, CT 06611
- ☐ 1419 Richland Street, Columbia, SC 29201
- ☐ 78 Interstate Drive, West Springfield, MA 01089
- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
- ☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1624

☑ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☐ Standard (____ days) *Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
Discovery Academy	176 Cumberland Ave, Wethersfield, CT	20110979.A2E	Phoenix

Report To: Kathleen Punc
Invoice To: Sarah Owens
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 8-25-14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request: EPA 8082/SOXLET

Containers: Soil VOA Vial, [ ] methanol; Soil VOA Vial, [ ] water; [ ] $Na(SO_4)_2$; Glass Soil Container (4) oz; Glass Soil Container ( ) oz; Other: Water VOA Vial, [ ] As is [ ] HCl; Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4; Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml; Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml; Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered; Plastic - NaOH, 250 ml

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA 8082/SOXLET	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	[ ] $Na(SO_4)_2$	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
1					082514-BG-Y3	S	8-25-14	0835	✓				1									99033

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	8/25/14	9:14
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: Retest of Garage Area Grid Y3 after additional 12" Soil Excavated Sample 0-4" Depth

Garage Area
Excavated Soil
Pile Composite
Sampling

PHOENIX
Environmental Laboratories, Inc.

Friday, September 05, 2014

Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Project ID: DISCOVERY ACADEMY
Sample ID#s: BH02210 - BH02212

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

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PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 05, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/02/14	7:55
Location Code:	F&OENVIRPCB	Received by:	LB	09/02/14	10:44
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBH02210
Phoenix ID: BH02210

Project ID: DISCOVERY ACADEMY
Client ID: 090214-BG-01

Parameter	Result		RL/ PQL	Units	Date/Time	By	Reference	
Silver	< 0.34		0.34	mg/Kg	09/03/14	EK	SW6010	
Arsenic	2.3		0.7	mg/Kg	09/03/14	EK	SW6010	
Barium	103		0.34	mg/Kg	09/03/14	EK	SW6010	
Cadmium	< 0.34		0.34	mg/Kg	09/03/14	EK	SW6010	
Chromium	20.3		0.34	mg/Kg	09/03/14	EK	SW6010	
Mercury	< 0.08		0.08	mg/Kg	09/03/14	MA	SW-7471	
Lead	15.3		0.34	mg/Kg	09/03/14	EK	SW6010	
Selenium	< 1.4		1.4	mg/Kg	09/03/14	EK	SW6010	
TCLP Silver	< 0.10		0.10	mg/L	09/03/14	EK	SW6010	
TCLP Arsenic	< 0.10		0.10	mg/L	09/03/14	EK	SW6010	
TCLP Barium	0.55	B	0.10	mg/L	09/03/14	EK	SW6010	B
TCLP Cadmium	< 0.050		0.050	mg/L	09/03/14	EK	SW6010	
TCLP Chromium	< 0.10		0.10	mg/L	09/03/14	EK	SW6010	
TCLP Mercury	< 0.0002		0.0002	mg/L	09/03/14	MA	SW7470	
TCLP Lead	< 0.10		0.10	mg/L	09/03/14	EK	SW6010	
TCLP Selenium	< 0.10		0.10	mg/L	09/03/14	EK	SW6010	
TCLP Metals Digestion	Completed				09/03/14	I/I	SW3005	
Percent Solid	92			%	09/02/14	I	E160.3	
Flash Point	>200		200	degree F	09/03/14	Y	SW1010	
Ignitability	Passed		140	degree F	09/03/14	Y	SW1030	
pH - Soil	8.58		0.10	pH Units	09/02/14 20:00	DH/KDB	4500-H B/9045	
Reactivity Cyanide	< 5.3		5.3	mg/Kg	09/02/14	O/EG	SW 846-7.3	
Reactivity Sulfide	< 20		20	mg/Kg	09/03/14	EG	SW846-7.3	
Reactivity	Negative			Pos/Neg	09/03/14	EG	SW 846-7.3	
Soil Extraction for Pesticide	Completed				09/02/14	BB/H	SW3545	
Soil Extraction for SVOA	Completed				09/02/14	JJ/VH	SW3545	
Mercury Digestion	Completed				09/03/14	I/I	SW7471	
Paint Filter Test	Passed			PASS/FAIL	09/02/14	J	SW9095	

Project ID: DISCOVERY ACADEMY
Client ID: 090214-BG-01

Phoenix I.D.: BH02210

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Soil Extraction for Herbicide	Completed			09/02/14	P/W	SW8151
Extraction for PCB	Completed			09/02/14	PP/GX	SW3540C
TCLP Digestion Mercury	Completed			09/03/14	I/I	E1311/7470
TCLP Extraction for Metals	Completed			09/02/14	I	EPA 1311
Total Metals Digest	Completed			09/02/14	CB/AG	SW846 - 3050
Chlorinated Herbicides						
2,4,5-T	ND	45	ug/Kg	09/03/14	BB	SW8151
2,4,5-TP (Silvex)	ND	45	ug/Kg	09/03/14	BB	SW8151
2,4-D	ND	45	ug/Kg	09/03/14	BB	SW8151
2,4-DB	ND	450	ug/Kg	09/03/14	BB	SW8151
Dalapon	ND	45	ug/Kg	09/03/14	BB	SW8151
Dicamba	ND	89	ug/Kg	09/03/14	BB	SW8151
Dichloroprop	ND	45	ug/Kg	09/03/14	BB	SW8151
Dinoseb	ND	89	ug/Kg	09/03/14	BB	SW8151
QA/QC Surrogates						
% DCAA	65		%	09/03/14	BB	30 - 150 %
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	09/03/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	09/03/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	09/03/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	09/03/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	09/03/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	09/03/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	09/03/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	09/03/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	09/03/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	99		%	09/03/14	AW	30 - 150 %
% TCMX	93		%	09/03/14	AW	30 - 150 %
Pesticides						
4,4' -DDD	ND	6.9	ug/Kg	09/03/14	CE	SW8081
4,4' -DDE	ND	6.9	ug/Kg	09/03/14	CE	SW8081
4,4' -DDT	ND	8.5	ug/Kg	09/03/14	CE	SW8081
a-BHC	ND	3.4	ug/Kg	09/03/14	CE	SW8081
Alachlor	ND	3.4	ug/Kg	09/03/14	CE	SW8081
Aldrin	ND	1.1	ug/Kg	09/03/14	CE	SW8081
b-BHC	ND	3.4	ug/Kg	09/03/14	CE	SW8081
Chlordane	ND	36	ug/Kg	09/03/14	CE	SW8081
d-BHC	ND	3.4	ug/Kg	09/03/14	CE	SW8081
Dieldrin	ND	2.5	ug/Kg	09/03/14	CE	SW8081
Endosulfan I	ND	3.4	ug/Kg	09/03/14	CE	SW8081
Endosulfan II	ND	6.9	ug/Kg	09/03/14	CE	SW8081
Endosulfan sulfate	ND	6.9	ug/Kg	09/03/14	CE	SW8081
Endrin	ND	6.9	ug/Kg	09/03/14	CE	SW8081
Endrin aldehyde	ND	6.9	ug/Kg	09/03/14	CE	SW8081
Endrin ketone	ND	6.9	ug/Kg	09/03/14	CE	SW8081
g-BHC	ND	1.1	ug/Kg	09/03/14	CE	SW8081

Project ID: DISCOVERY ACADEMY
Client ID: 090214-BG-01

Phoenix I.D.: BH02210

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Heptachlor	ND	2.2	ug/Kg	09/03/14	CE	SW8081
Heptachlor epoxide	ND	3.4	ug/Kg	09/03/14	CE	SW8081
Methoxychlor	ND	34	ug/Kg	09/03/14	CE	SW8081
Toxaphene	ND	180	ug/Kg	09/03/14	CE	SW8081
QA/QC Surrogates						
% DCBP	68		%	09/03/14	CE	30 - 150 %
% TCMX	74		%	09/03/14	CE	30 - 150 %
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,2,3-Trichloropropane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,2-Dibromoethane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
2-Hexanone	ND	27	ug/Kg	09/03/14	JLI	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	09/03/14	JLI	SW8260
Acetone	ND	27	ug/Kg	09/03/14	JLI	SW8260
Acrylonitrile	ND	11	ug/Kg	09/03/14	JLI	SW8260
Benzene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Bromobenzene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Bromochloromethane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Bromoform	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Bromomethane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Carbon Disulfide	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Chlorobenzene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Chloroethane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Chloroform	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Chloromethane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260

Project ID: DISCOVERY ACADEMY
Client ID: 090214-BG-01

Phoenix I.D.: BH02210

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Dibromochloromethane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Dibromomethane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Ethylbenzene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
m&p-Xylene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Methyl Ethyl Ketone	ND	27	ug/Kg	09/03/14	JLI	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	09/03/14	JLI	SW8260
Methylene chloride	ND	10	ug/Kg	09/03/14	JLI	SW8260
Naphthalene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
o-Xylene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Styrene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	09/03/14	JLI	SW8260
Toluene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Total Xylenes	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	09/03/14	JLI	SW8260
Trichloroethene	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
Vinyl chloride	ND	5.4	ug/Kg	09/03/14	JLI	SW8260
QA/QC Surrogates						
% 1,2-dichlorobenzene-d4	94		%	09/03/14	JLI	70 - 130 %
% Bromofluorobenzene	95		%	09/03/14	JLI	70 - 130 %
% Dibromofluoromethane	101		%	09/03/14	JLI	70 - 130 %
% Toluene-d8	95		%	09/03/14	JLI	70 - 130 %
Semivolatiles						
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	09/03/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	ug/Kg	09/03/14	DD	SW 8270
1,2-Dichlorobenzene	ND	250	ug/Kg	09/03/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	360	ug/Kg	09/03/14	DD	SW 8270
1,3-Dichlorobenzene	ND	250	ug/Kg	09/03/14	DD	SW 8270
1,4-Dichlorobenzene	ND	250	ug/Kg	09/03/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	ug/Kg	09/03/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	ug/Kg	09/03/14	DD	SW 8270
2,4-Dichlorophenol	ND	250	ug/Kg	09/03/14	DD	SW 8270
2,4-Dimethylphenol	ND	250	ug/Kg	09/03/14	DD	SW 8270
2,4-Dinitrophenol	ND	580	ug/Kg	09/03/14	DD	SW 8270
2,4-Dinitrotoluene	ND	250	ug/Kg	09/03/14	DD	SW 8270
2,6-Dinitrotoluene	ND	250	ug/Kg	09/03/14	DD	SW 8270

Project ID: DISCOVERY ACADEMY
Client ID: 090214-BG-01

Phoenix I.D.: BH02210

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
2-Chloronaphthalene	ND	250	ug/Kg	09/03/14	DD	SW 8270
2-Chlorophenol	ND	250	ug/Kg	09/03/14	DD	SW 8270
2-Methylnaphthalene	ND	250	ug/Kg	09/03/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	ug/Kg	09/03/14	DD	SW 8270
2-Nitroaniline	ND	580	ug/Kg	09/03/14	DD	SW 8270
2-Nitrophenol	ND	250	ug/Kg	09/03/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	09/03/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	250	ug/Kg	09/03/14	DD	SW 8270
3-Nitroaniline	ND	580	ug/Kg	09/03/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	09/03/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	360	ug/Kg	09/03/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	ug/Kg	09/03/14	DD	SW 8270
4-Chloroaniline	ND	250	ug/Kg	09/03/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	09/03/14	DD	SW 8270
4-Nitroaniline	ND	580	ug/Kg	09/03/14	DD	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	09/03/14	DD	SW 8270
Acenaphthene	ND	250	ug/Kg	09/03/14	DD	SW 8270
Acenaphthylene	ND	250	ug/Kg	09/03/14	DD	SW 8270
Acetophenone	ND	250	ug/Kg	09/03/14	DD	SW 8270
Aniline	ND	1000	ug/Kg	09/03/14	DD	SW 8270
Anthracene	340	250	ug/Kg	09/03/14	DD	SW 8270
Benz(a)anthracene	740	250	ug/Kg	09/03/14	DD	SW 8270
Benzidine	ND	430	ug/Kg	09/03/14	DD	SW 8270
Benzo(a)pyrene	550	250	ug/Kg	09/03/14	DD	SW 8270
Benzo(b)fluoranthene	720	250	ug/Kg	09/03/14	DD	SW 8270
Benzo(ghi)perylene	380	250	ug/Kg	09/03/14	DD	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	09/03/14	DD	SW 8270
Benzoic acid	ND	1000	ug/Kg	09/03/14	DD	SW 8270
Benzyl butyl phthalate	ND	250	ug/Kg	09/03/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	09/03/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	360	ug/Kg	09/03/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	09/03/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	09/03/14	DD	SW 8270
Carbazole	ND	540	ug/Kg	09/03/14	DD	SW 8270
Chrysene	700	250	ug/Kg	09/03/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	09/03/14	DD	SW 8270
Dibenzofuran	ND	250	ug/Kg	09/03/14	DD	SW 8270
Diethyl phthalate	ND	250	ug/Kg	09/03/14	DD	SW 8270
Dimethylphthalate	ND	250	ug/Kg	09/03/14	DD	SW 8270
Di-n-butylphthalate	ND	250	ug/Kg	09/03/14	DD	SW 8270
Di-n-octylphthalate	ND	250	ug/Kg	09/03/14	DD	SW 8270
Fluoranthene	1600	250	ug/Kg	09/03/14	DD	SW 8270
Fluorene	ND	250	ug/Kg	09/03/14	DD	SW 8270
Hexachlorobenzene	ND	250	ug/Kg	09/03/14	DD	SW 8270
Hexachlorobutadiene	ND	250	ug/Kg	09/03/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	ug/Kg	09/03/14	DD	SW 8270
Hexachloroethane	ND	250	ug/Kg	09/03/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	310	250	ug/Kg	09/03/14	DD	SW 8270
Isophorone	ND	250	ug/Kg	09/03/14	DD	SW 8270

Project ID: DISCOVERY ACADEMY
Client ID: 090214-BG-01

Phoenix I.D.: BH02210

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Naphthalene	ND	250	ug/Kg	09/03/14	DD	SW 8270
Nitrobenzene	ND	250	ug/Kg	09/03/14	DD	SW 8270
N-Nitrosodimethylamine	ND	360	ug/Kg	09/03/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	09/03/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	360	ug/Kg	09/03/14	DD	SW 8270
Pentachloronitrobenzene	ND	360	ug/Kg	09/03/14	DD	SW 8270
Pentachlorophenol	ND	360	ug/Kg	09/03/14	DD	SW 8270
Phenanthrene	1600	250	ug/Kg	09/03/14	DD	SW 8270
Phenol	ND	250	ug/Kg	09/03/14	DD	SW 8270
Pyrene	1200	250	ug/Kg	09/03/14	DD	SW 8270
Pyridine	ND	360	ug/Kg	09/03/14	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	84		%	09/03/14	DD	30 - 130 %
% 2-Fluorobiphenyl	90		%	09/03/14	DD	30 - 130 %
% 2-Fluorophenol	76		%	09/03/14	DD	30 - 130 %
% Nitrobenzene-d5	78		%	09/03/14	DD	30 - 130 %
% Phenol-d5	79		%	09/03/14	DD	30 - 130 %
% Terphenyl-d14	80		%	09/03/14	DD	30 - 130 %

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Cyanide and Reactive Sulfide. This method is no longer listed in the current version of SW-846.

Pesticide Comment:
Due to matrix interference caused by the presence of suspected PCBs in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
September 05, 2014
Reviewed and Released by: Ethan Lee, Project Manager

Garage 5x5 grid
A 11-Z 11 0-4"

PHOENIX
Environmental Laboratories, Inc.

Thursday, August 14, 2014

Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Project ID: CREC DISCOVERY ACADEMY
Sample ID#s: BG87482 - BG87508

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	9:28
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87482

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-A11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	92		%	08/12/14	AW	30 - 150 %
% TCMX	91		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-A11

Phoenix I.D.: BG87482

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 14, 2014
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	9:29
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87483

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-B11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	97		%	08/12/14	AW	30 - 150 %
% TCMX	87		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-B11

Phoenix I.D.: BG87483

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
August 14, 2014
Reviewed and Released by: Bobbi Aloisa, Vice President

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Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	9:31
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87484

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-C11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	08/12/14	AW	30 - 150 %
% TCMX	93		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-C11

Phoenix I.D.: BG87484

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
August 14, 2014
Reviewed and Released by: Bobbi Aloisa, Vice President

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	9:40
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87485

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-D11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	104		%	08/12/14	AW	30 - 150 %
% TCMX	93		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-D11

Phoenix I.D.: BG87485

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 14, 2014
Reviewed and Released by: Bobbi Aloisa, Vice President

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	9:42
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87486

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-E11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	96		%	08/12/14	AW	30 - 150 %
% TCMX	86		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-E11

Phoenix I.D.: BG87486

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 14, 2014
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	9:43
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87487

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-F11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	80		%	08/12/14	AW	30 - 150 %
% TCMX	82		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-F11

Phoenix I.D.: BG87487

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 14, 2014
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	9:45
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87488

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-G11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	97		%	08/12/14	AW	30 - 150 %
% TCMX	90		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-G11

Phoenix I.D.: BG87488

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	9:46
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87489

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-H11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	94		%	08/12/14	AW	30 - 150 %
% TCMX	91		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-H11

Phoenix I.D.: BG87489

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	9:48
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87490

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-I11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	99		%	08/12/14	AW	30 - 150 %
% TCMX	93		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-I11

Phoenix I.D.: BG87490

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 14, 2014
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Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	9:50
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87491

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-J11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	89		%	08/12/14	AW	30 - 150 %
% TCMX	83		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-J11

Phoenix I.D.: BG87491

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	9:56
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87492

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-K11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Percent Solid	90		%	08/05/14	I	E160.3	
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C	
PCB (Soxhlet)							
PCB-1016	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
PCB-1221	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
PCB-1232	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
PCB-1242	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
PCB-1248	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
PCB-1254	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
PCB-1260	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
PCB-1262	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
PCB-1268	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
QA/QC Surrogates							
% DCBP	106		%	08/12/14	AW	30 - 150 %	
% TCMX	<30		%	08/12/14	AW	30 - 150 %	3

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-K11

Phoenix I.D.: BG87492

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

PCB Comment:
Low TCMX surrogate was observed. A low bias is not suspected because the surrogate decachlorobiphenyl recovery was within acceptance criteria and PCBs behave similarly to decachlorobiphenyl.

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August 14, 2014
Reviewed and Released by: Bobbi Aloisa, Vice President

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	9:57
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87493

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-L11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	08/12/14	AW	30 - 150 %
% TCMX	32		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-L11

Phoenix I.D.: BG87493

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 14, 2014
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Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	9:59
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87494

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-M11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND'	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	101		%	08/12/14	AW	30 - 150 %
% TCMX	93		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-M11

Phoenix I.D.: BG87494

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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August 14, 2014
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	10:01
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87495

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-N11A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	08/12/14	AW	30 - 150 %
% TCMX	92		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-N11A

Phoenix I.D.: BG87495

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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August 14, 2014
Reviewed and Released by: Bobbi Aloisa, Vice President

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	10:00
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87496

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-N11B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	119		%	08/12/14	AW	30 - 150 %
% TCMX	89		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-N11B

Phoenix I.D.: BG87496

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 14, 2014
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	10:02
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87497

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-O11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	88		%	08/13/14	AW	30 - 150 %
% TCMX	99		%	08/13/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-O11

Phoenix I.D.: BG87497

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	10:04
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87498

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-P11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	78		%	08/13/14	AW	30 - 150 %
% TCMX	101		%	08/13/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-P11

Phoenix I.D.: BG87498

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87499

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-Q11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	115		%	08/12/14	AW	30 - 150 %
% TCMX	41		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-Q11

Phoenix I.D.: BG87499

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87500

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-R11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	0.74	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	116		%	08/12/14	AW	30 - 150 %
% TCMX	103		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY

Client ID: KR-R11

Phoenix I.D.: BG87500

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 14, 2014

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Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	10:08
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87501

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-S11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	116		%	08/12/14	AW	30 - 150 %
% TCMX	64		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-S11

Phoenix I.D.: BG87501

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 14, 2014
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Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	10:17
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87502

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-T11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	54		%	08/13/14	AW	30 - 150 %
% TCMX	31		%	08/13/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-T11

Phoenix I.D.: BG87502

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	10:19
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87503

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-U11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/13/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	69		%	08/13/14	AW	30 - 150 %
% TCMX	73		%	08/13/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-U11

Phoenix I.D.: BG87503

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 14, 2014
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	10:20
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87504

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-V11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Percent Solid	87		%	08/05/14	I	E160.3	
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C	
PCB (Soxhlet)							
PCB-1016	ND	0.38	mg/kg	08/12/14	AW	3540C/8082	
PCB-1221	ND	0.38	mg/kg	08/12/14	AW	3540C/8082	
PCB-1232	ND	0.38	mg/kg	08/12/14	AW	3540C/8082	
PCB-1242	ND	0.38	mg/kg	08/12/14	AW	3540C/8082	
PCB-1248	ND	0.38	mg/kg	08/12/14	AW	3540C/8082	
PCB-1254	ND	0.38	mg/kg	08/12/14	AW	3540C/8082	
PCB-1260	ND	0.38	mg/kg	08/12/14	AW	3540C/8082	
PCB-1262	ND	0.38	mg/kg	08/12/14	AW	3540C/8082	
PCB-1268	ND	0.38	mg/kg	08/12/14	AW	3540C/8082	
QA/QC Surrogates							
% DCBP	99		%	08/12/14	AW	30 - 150 %	
% TCMX	<30		%	08/12/14	AW	30 - 150 %	3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

PCB Comment:
Low TCMX surrogate was observed. A low bias is not suspected because the surrogate decachlorobiphenyl recovery was within acceptance criteria and PCBs behave similarly to decachlorobiphenyl.

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August 14, 2014
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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	10:21
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87505

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-W11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	111		%	08/12/14	AW	30 - 150 %
% TCMX	56		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-W11

Phoenix I.D.: BG87505

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 14, 2014
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	10:23
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87506

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-X11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Percent Solid	86		%	08/05/14	I	E160.3	
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C	
PCB (Soxhlet)							
PCB-1016	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1221	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1232	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1242	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1248	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1254	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1260	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1262	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1268	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
QA/QC Surrogates							
% DCBP	114		%	08/12/14	AW	30 - 150 %	
% TCMX	<30		%	08/12/14	AW	30 - 150 %	3

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-X11

Phoenix I.D.: BG87506

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

PCB Comment:
Low TCMX surrogate was observed. A low bias is not suspected because the surrogate decachlorobiphenyl recovery was within acceptance criteria and PCBs behave similarly to decachlorobiphenyl.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 14, 2014
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Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	10:25
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87507

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-Y11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.42	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.42	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.42	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.42	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.42	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.42	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	0.48	0.42	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.42	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.42	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	110		%	08/12/14	AW	30 - 150 %
% TCMX	83		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-Y11

Phoenix I.D.: BG87507

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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August 14, 2014
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Analysis Report

August 14, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	10:26
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87482
Phoenix ID: BG87508

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-Z11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Percent Solid	78		%	08/05/14	I	E160.3	
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C	
PCB (Soxhlet)							
PCB-1016	ND	0.42	mg/kg	08/13/14	AW	3540C/8082	
PCB-1221	ND	0.42	mg/kg	08/13/14	AW	3540C/8082	
PCB-1232	ND	0.42	mg/kg	08/13/14	AW	3540C/8082	
PCB-1242	ND	0.42	mg/kg	08/13/14	AW	3540C/8082	
PCB-1248	ND	0.42	mg/kg	08/13/14	AW	3540C/8082	
PCB-1254	ND	0.42	mg/kg	08/13/14	AW	3540C/8082	
PCB-1260	ND	0.42	mg/kg	08/13/14	AW	3540C/8082	
PCB-1262	ND	0.42	mg/kg	08/13/14	AW	3540C/8082	
PCB-1268	ND	0.42	mg/kg	08/13/14	AW	3540C/8082	
QA/QC Surrogates							
% DCBP	83		%	08/13/14	AW	30 - 150 %	
% TCMX	<30		%	08/13/14	AW	30 - 150 %	3

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-Z11

Phoenix I.D.: BG87508

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

PCB Comment:
Low TCMX surrogate was observed. A low bias is not suspected because the surrogate decachlorobiphenyl recovery was within acceptance criteria and PCBs behave similarly to decachlorobiphenyl.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 14, 2014
Reviewed and Released by: Bobbi Aloisa, Vice President

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QA/QC Report

August 14, 2014

QA/QC Data

SDG I.D.: GBG87482

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 282826, QC Sample No: BG87475 (BG87482, BG87483, BG87484, BG87485, BG87486, BG87487, BG87488, BG87489, BG87490)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	76	88	14.6	77	78	1.3	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	91	98	7.4	90	94	4.3	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	102	103	110	6.6	95	101	6.1	30 - 150	30
% TCMX (Surrogate Rec)	94	94	101	7.2	86	92	6.7	30 - 150	30
QA/QC Batch 282827, QC Sample No: BG87495 (BG87491, BG87492, BG87493, BG87494, BG87495, BG87496, BG87497, BG87498, BG87499, BG87500, BG87501, BG87502, BG87503, BG87504, BG87505, BG87506, BG87507, BG87508)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	71	76	6.8	76	73	4.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	74	81	9.0	81	78	3.8	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	96	86	102	17.0	84	88	4.7	30 - 150	30
% TCMX (Surrogate Rec)	96	87	100	13.9	83	88	5.8	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller

Phyllis Shiller, Laboratory Director
August 14, 2014

Thursday, August 14, 2014

Criteria: None

State: CT

Sample Criteria Exceedences Report

GBG87482 - FOENVIRPCB

SampNo	Acode	Phoenix Analyte	Criteria	Result	R

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria excee ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the crit professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** Fuss & O'Neill EnviroScience, LLC

Project Location: CREC DISCOVERY ACADEMY **Project Number:**

Laboratory Sample ID(s): BG87482, BG87483, BG87484, BG87485, BG87486, BG87487, BG87488, BG87489, BG87490, BG87491, BG87492, BG87493, BG87494, BG87495, BG87496, BG87497, BG87498, BG87499, BG87500, BG87501, BG87502, BG87503, BG87504, BG87505, BG87506, BG87507, BG87508

Sampling Date(s): 8/4/2014

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15

☑ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☐ Yes ☑ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Section: PCB Narration.	☐ Yes ☑ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☑ Yes ☐ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No ☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☑ Yes ☐ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Date: Thursday, August 14, 2014

Authorized Signature: Kathleen Cressia

Printed Name: Kathleen Cressia

Position: QA/QC Officer

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

August 14, 2014

SDG I.D.: GBG87482

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

PCB Comment (BG87492, BG87504, BG87506, BG87508):
Low TCMX surrogate was observed. A low bias is not suspected because the surrogate decachlorobiphenyl recovery was within acceptance criteria and PCBs behave similarly to decachlorobiphenyl.

Instrument: Au-ecd1 08/12/14-1 (BG87497, BG87498, BG87502, BG87503, BG87508)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/12/2014

Instrument: Au-ecd3 08/11/14-1 (BG87482)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Au-ecd48 08/11/14-1 (BG87495)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Au-ecd8 08/11/14-1 (BG87506)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

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ACCREDITED IN ACCORDANCE WITH NY # 11301

RCP Certification Report

August 14, 2014

SDG I.D.: GBG87482

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Au-ecd8 08/12/14-1 (BG87499, BG87500, BG87501, BG87504, BG87505)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/12/2014

Instrument: Ecd_cart 2 08/11/14-1 (BG87487, BG87488, BG87489, BG87490, BG87491, BG87492, BG87493, BG87494, BG87495, BG87496)

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Ecd_cart 2 08/12/14-1 (BG87483, BG87484, BG87485, BG87486, BG87507)

Printed Name Adam Werner
Position: Chemist
Date: 8/12/2014

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RCP Certification Report

August 14, 2014

SDG I.D.: GBG87482

QC (Site Specific)

---------- Sample No: BG87495, QA/QC Batch: 282827 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

---------- Sample No: BG87475, QA/QC Batch: 282826 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 20C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)

20°W/C + Ice

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- [ ] 78 Interstate Drive, West Springfield, MA 01089
- [ ] 50 Redfield Street, Suite 100, Boston, MA 02122
- [ ] 317 Iron Horse Way, Suite 204, Providence, RI 02908
- [ ] 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1504

- [ ] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [x] Standard (5 days)
- [ ] Other _____ (days)

*Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
CREC Discovery Academy	Garage Area	2011.0979.A2E	Phoenix

Report To:
Invoice To:
P.O. No.:

Sampler's Signature: [signature] Date: 8/4/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility ~~D=Sediment~~ A=Air
X=Other _____

Analysis Request / Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA 8082 PCBs, 3540C Soxhlet	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
					KR-A11	S	8/4/14	0928	x			x									87482
					B11			0929													87483
					C11			0931													87484
					D11			0940													87485
					E11			0942													87486
					KR-F11	S	8/4/14	0943	x			x									87487
					G11			0945													87488
					H11			0946													87489
					I11			0948													87490
					J11			0950													87491

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	8/4/14	1640
2				
3				
4				

Reporting and Detection Limit Requirements: RL 1 mg/kg EPA 8082 PCBs, 3540C Soxhlet

Additional Comments:

20° w/o ice

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- [ ] 50 Redfield Street, Suite 100, Boston, MA 02122
- [ ] 317 Iron Horse Way, Suite 204, Providence, RI 02908
- [ ] 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD

1505

- [ ] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [x] Standard (5 days)
- [ ] Other _____ (days)

*Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
CREC - Discovery Academy	Garage Area	20110979.A2E	Phoenix

Report To: See pg 1

Invoice To:

P.O. No.:

Sampler's Signature: KRL Date: 8/4/14

Source Codes:
MW=Monitoring Well, PW=Potable Water, S=Soil, W=Waste
SW=Surface Water, T=Treatment Facility, ~~B=Sediment~~, A=Air
X=Other _____

Analysis Request / Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA 8082 PCBs, 3540 C Soxhlet	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is	Glass Amber ( ) ml, [ ] As is	Plastic - As is, [ ] 250 ml	Plastic - H_2SO_4, [ ] 250 ml	Plastic - HNO_3, 250 ml	Plastic - NaOH, 250 ml	Comments
					KR- K11	S	8/4/14	0956	X			X									87492
					" - L11			0957 0954													87493
					M11			0959 0956													87494
					N11 A			100 0958													87495
					N11 B			1000	X												87496
					KR- O11	S	8/4/14	1002 1002				X									87497
					P11			1004													87498
					Q11																87499
					R11																87500
					S11			1008	X			X									87501

Transfer Number	Relinquished By	Accepted By	Date	Time
1	KRL	Claradise	8/4/14	1640
2				
3				
4				

Reporting and Detection Limit Requirements: RL 1 mg/kg EPA 8082 PCBs, 3540 C Soxhlet

Additional Comments:

20°w/c+ice

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- ☐ 56 Quarry Road, Trumbull, CT 06611
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- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
- ☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1506

☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☒ Standard (5 days) *Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
CREL Discovery Academy	Garage Area	20110979.A2E	Phoenix

Report To: see pg 1
Invoice To:
P.O. No.:
Sampler's Signature: KM Date: 8/4/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request: EPA8082 PCBs, 3540C Soxhlet

Containers: Soil VOA Vial, [ ] methanol; Soil VOA Vial, [ ] water; [ ] $Na(SO_4)_2$; Glass Soil Container (4) oz; Glass Soil Container ( ) oz; Other; Water VOA Vial, [ ] As is [ ] HCl; Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4; Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml; Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml; Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered; Plastic - NaOH, 250 ml

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA8082 PCBs, 3540C Soxhlet	Comments
					KR-T11	S	8/4/14	1017	X	87502
					KR-U11			1019		87503
					KR-V11			1020		87504
					KR-W11			1021		87505
					KR-X11			1023		87506
					KR-Y11	S	8/4/14	1025	X	87507
					KR-Z11			1026	X	87508

KM 8/4/14

Transfer Number	Relinquished By	Accepted By	Date	Time
1	KM	Cparadise	8/4/14	1640
2				
3				
4				

Reporting and Detection Limit Requirements: RL 1mg/kg - EPA 8082 PCB's, 3540C Soxhlet
Additional Comments:

Garage 5x5 grid
resamples

PHOENIX
Environmental Laboratories, Inc.

Friday, August 15, 2014

Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Project ID: DISCOVERY ACADEMY
Sample ID#s: BG91742 - BG91745

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 15, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/12/14	8:40
Location Code:	F&OENVIRPCB	Received by:	LB	08/12/14	9:19
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG91742
Phoenix ID: BG91742

Project ID: DISCOVERY ACADEMY
Client ID: 081214-BG-C1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	08/12/14	I	E160.3
Extraction for PCB	Completed			08/12/14	PP/K/Z	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.41	mg/kg	08/13/14	AW	3540C/8082
PCB-1221	ND	0.41	mg/kg	08/13/14	AW	3540C/8082
PCB-1232	ND	0.41	mg/kg	08/13/14	AW	3540C/8082
PCB-1242	ND	0.41	mg/kg	08/13/14	AW	3540C/8082
PCB-1248	ND	0.41	mg/kg	08/13/14	AW	3540C/8082
PCB-1254	ND	0.41	mg/kg	08/13/14	AW	3540C/8082
PCB-1260	ND	0.41	mg/kg	08/13/14	AW	3540C/8082
PCB-1262	ND	0.41	mg/kg	08/13/14	AW	3540C/8082
PCB-1268	ND	0.41	mg/kg	08/13/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	101		%	08/13/14	AW	30 - 150 %
% TCMX	94		%	08/13/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 081214-BG-C1

Phoenix I.D.: BG91742

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
August 15, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 15, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/12/14	8:43
Location Code:	F&OENVIRPCB	Received by:	LB	08/12/14	9:19
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG91742
Phoenix ID: BG91743

Project ID: DISCOVERY ACADEMY
Client ID: 081214-BG-Z4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	08/12/14	I	E160.3
Extraction for PCB	Completed			08/12/14	PP/K/Z	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1260	0.52	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	82		%	08/13/14	AW	30 - 150 %
% TCMX	108		%	08/13/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 081214-BG-Z4

Phoenix I.D.: BG91743

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
August 15, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 15, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/12/14	8:45
Location Code:	F&OENVIRPCB	Received by:	LB	08/12/14	9:19
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG91742
Phoenix ID: BG91744

Project ID: DISCOVERY ACADEMY
Client ID: 081214-BG-Z5

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	08/12/14	I	E160.3
Extraction for PCB	Completed			08/12/14	PP/K/Z	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1260	0.53	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	86		%	08/13/14	AW	30 - 150 %
% TCMX	114		%	08/13/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 081214-BG-Z5

Phoenix I.D.: BG91744

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
August 15, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 15, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/12/14	8:35
Location Code:	F&OENVIRPCB	Received by:	LB	08/12/14	9:19
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG91742
Phoenix ID: BG91745

Project ID: DISCOVERY ACADEMY
Client ID: 081214-BG-Y7

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	08/12/14	I	E160.3
Extraction for PCB	Completed			08/12/14	PP/K/Z	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	08/13/14	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	08/13/14	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	08/13/14	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	08/13/14	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	08/13/14	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	08/13/14	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	08/13/14	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	08/13/14	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	08/13/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	87		%	08/13/14	AW	30 - 150 %
% TCMX	103		%	08/13/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 081214-BG-Y7

Phoenix I.D.: BG91745

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
August 15, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

August 15, 2014

QA/QC Data

SDG I.D.: GBG91742

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 282977, QC Sample No: BG91743 (BG91742, BG91743, BG91744, BG91745)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	84	97	14.4	95	93	2.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	89	92	3.3	109	113	3.6	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	91	109	107	1.9	116	119	2.6	30 - 150	30
% TCMX (Surrogate Rec)	91	109	108	0.9	107	101	5.8	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
August 15, 2014

Friday, August 15, 2014

Criteria: None

State: CT

Sample Criteria Exceedences Report

GBG91742 - FOENVIRPCB

SampNo	Acode	Phoenix Analyte	Criteria	Result	R

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria excee ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the crit professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** Fuss & O'Neill, Inc.

Project Location: DISCOVERY ACADEMY **Project Number:**

Laboratory Sample ID(s): BG91742, BG91743, BG91744, BG91745

Sampling Date(s): 8/12/2014

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15

☑ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☐ Yes ☑ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☑ Yes ☐ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No ☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☑ Yes ☐ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Date: Friday, August 15, 2014

Authorized Signature: Ethan Lee

Printed Name: Ethan Lee

Position: Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

August 15, 2014

SDG I.D.: GBG91742

The samples were received by the laboratory at a temperature of 10 degrees C with cooling initiated. No significant bias is suspected.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 08/13/14-1 (BG91743, BG91744, BG91745)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/13/2014

Instrument: Au-ecd24 08/13/14-1 (BG91743)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/13/2014

Instrument: Ecd_cart 2 08/13/14-1 (BG91742)

Printed Name Adam Werner
Position: Chemist
Date: 8/13/2014

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

August 15, 2014

SDG I.D.: GBG91742

QC (Site Specific)

---------- Sample No: BG91743, QA/QC Batch: 282977 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples were received at 10C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)

10°C WIC
1P

FUSS & O'NEILL ENVIROSCIENCE, LLC
Disciplines to Deliver
(860) 646-2469 • www.FandO.com

- ☑ 146 Hartford Road, Manchester, CT 06040
- ☐ 56 Quarry Road, Trumbull, CT 06611
- ☐ 1419 Richland Street, Columbia, SC 29201
- ☐ 78 Interstate Drive, West Springfield, MA 01089
- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
- ☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1613

☑ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☐ Standard (____ days) *Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
Discovery Academy	176 Cumberland Ave Wethersfield, CT	20110979.A2E	Phoenix

Report To: Kathleen Pane
Invoice To: Sarah Owens
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 8-12-14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request: EPA 8082/504.1

Containers: Soil VOA Vial, [ ] methanol; Soil VOA Vial, [ ] water; Glass Soil Container [ ] $Na(SO_4)_2$; Glass Soil Container (4) oz; Glass Soil Container ( ) oz; Other; Water VOA Vial, [ ] As is [ ] HCl; Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4; Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml; Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml; Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered; Plastic - NaOH, 250 ml

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA 8082/504.1	Glass Soil Container (4) oz	Comments
1					081214-BG-C1	S	8-12-14	0840	✓	1	91742
2					-Z4	S	↓	0843	✓	1	91743
3					-Z5	S	↓	0845	✓	1	91744
4					-Y7	S	↓	0850	✓	1	91745

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	8/12/14	9:19
2				
3				
4				

Reporting and Detection Limit Requirements: 180

Additional Comments: Grange Area Retest of Grids C1, Z4, Z5 and Y7
+12" +6" (KW)

Garage 5x5 grid
A8-28
A9-29
12-18"

PHOENIX
Environmental Laboratories, Inc.

Wednesday, August 13, 2014

Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Project ID: CREC DISCOVERY ACADEMY
Sample ID#s: BG86759 - BG86813

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	9:40
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86759

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR A8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	86		%	08/10/14	AW	30 - 150 %
% TCMX	78		%	08/10/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR A8

Phoenix I.D.: BG86759

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	9:44
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86760

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR B8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	0.44	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	89		%	08/10/14	AW	30 - 150 %
% TCMX	88		%	08/10/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR B8

Phoenix I.D.: BG86760

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	9:48
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86761

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR C8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	87		%	08/10/14	AW	30 - 150 %
% TCMX	95		%	08/10/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR C8

Phoenix I.D.: BG86761

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	9:55
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86762

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR D8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	87		%	08/10/14	AW	30 - 150 %
% TCMX	85		%	08/10/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR D8

Phoenix I.D.: BG86762

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	9:58
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86763

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR E8A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	88		%	08/10/14	AW	30 - 150 %
% TCMX	90		%	08/10/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	10:02
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86764

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR E8B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	86		%	08/10/14	AW	30 - 150 %
% TCMX	93		%	08/10/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	10:06
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86765

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR F8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	88		%	08/10/14	AW	30 - 150 %
% TCMX	91		%	08/10/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR F8

Phoenix I.D.: BG86765

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	10:10
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86766

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR G8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	105		%	08/10/14	AW	30 - 150 %
% TCMX	86		%	08/10/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	10:14
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86767

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR H8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	08/10/14	AW	30 - 150 %
% TCMX	75		%	08/10/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR H8

Phoenix I.D.: BG86767

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	10:18
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86768

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR I8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	115		%	08/11/14	AW	30 - 150 %
% TCMX	89		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR I8

Phoenix I.D.: BG86768

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	10:22
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86769

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR J8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	0.72	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	114		%	08/11/14	AW	30 - 150 %
% TCMX	102		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR J8

Phoenix I.D.: BG86769

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	10:26
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86770

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR K8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	112		%	08/11/14	AW	30 - 150 %
% TCMX	89		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR K8

Phoenix I.D.: BG86770

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	10:30
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86771

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR L8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	109		%	08/11/14	AW	30 - 150 %
% TCMX	99		%	08/11/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	10:35
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86772

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR M8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	113		%	08/11/14	AW	30 - 150 %
% TCMX	96		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR M8

Phoenix I.D.: BG86772

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	10:40
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86773

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR N8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	88		%	08/10/14	AW	30 - 150 %
% TCMX	92		%	08/10/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR N8

Phoenix I.D.: BG86773

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	10:45
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86774

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR O8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	89		%	08/10/14	AW	30 - 150 %
% TCMX	82		%	08/10/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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August 13, 2014

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Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	10:50
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86775

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR P8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	84		%	08/10/14	AW	30 - 150 %
% TCMX	68		%	08/10/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	10:55
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86776

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR Q8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	86		%	08/10/14	AW	30 - 150 %
% TCMX	90		%	08/10/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR Q8

Phoenix I.D.: BG86776

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Analysis Report

August 13, 2014

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Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	11:00
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86777

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR R8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	73		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	QP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.45	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.45	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.45	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.45	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.45	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.45	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.45	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.45	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.45	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	87		%	08/10/14	AW	30 - 150 %
% TCMX	83		%	08/10/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	11:05
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86778

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR S8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	PP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	109		%	08/10/14	AW	30 - 150 %
% TCMX	94		%	08/10/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	11:10
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86779

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR T8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	PP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	110		%	08/10/14	AW	30 - 150 %
% TCMX	91		%	08/10/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR T8

Phoenix I.D.: BG86779

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	11:15
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86780

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR U8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	PP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	120		%	08/10/14	AW	30 - 150 %
% TCMX	91		%	08/10/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	11:18
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86781

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR V8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	PP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	122		%	08/10/14	AW	30 - 150 %
% TCMX	104		%	08/10/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	11:21
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86782

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR W8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	PP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	115		%	08/10/14	AW	30 - 150 %
% TCMX	91		%	08/10/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR W8

Phoenix I.D.: BG86782

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	11:24
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86783

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR X8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	PP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.41	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	117		%	08/10/14	AW	30 - 150 %
% TCMX	101		%	08/10/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR X8

Phoenix I.D.: BG86783

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	11:27
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86784

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR Y8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	PP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	0.56	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	116		%	08/10/14	AW	30 - 150 %
% TCMX	95		%	08/10/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR Y8

Phoenix I.D.: BG86784

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	11:30
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86785

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR Z8

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	PP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	08/10/14	AW	30 - 150 %
% TCMX	47		%	08/10/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	12:45
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86786

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR A9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	PP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	99		%	08/10/14	AW	30 - 150 %
% TCMX	103		%	08/10/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR A9

Phoenix I.D.: BG86786

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	12:48
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86787

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR B9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	PP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	08/10/14	AW	30 - 150 %
% TCMX	106		%	08/10/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR B9

Phoenix I.D.: BG86787

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	12:51
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86788

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR C9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	PP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	105		%	08/10/14	AW	30 - 150 %
% TCMX	118		%	08/10/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	12:55
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86789

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR D9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	PP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	0.7	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	95		%	08/10/14	AW	30 - 150 %
% TCMX	104		%	08/10/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR D9

Phoenix I.D.: BG86789

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	12:58
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86790

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR E9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	PP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	104		%	08/10/14	AW	30 - 150 %
% TCMX	98		%	08/10/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR E9

Phoenix I.D.: BG86790

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	13:01
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86791

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR F9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/09/14	PP/WZ	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/10/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	103		%	08/10/14	AW	30 - 150 %
% TCMX	85		%	08/10/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR F9

Phoenix I.D.: BG86791

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	13:05
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86792

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR G9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	TT/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	96		%	08/11/14	AW	30 - 150 %
% TCMX	99		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR G9

Phoenix I.D.: BG86792

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	13:08
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86793

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR H9A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	TT/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	97		%	08/11/14	AW	30 - 150 %
% TCMX	89		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR H9A

Phoenix I.D.: BG86793

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	13:11
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86794

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR H9B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	TT/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	101		%	08/11/14	AW	30 - 150 %
% TCMX	98		%	08/11/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	13:15
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86795

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR I9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	TT/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	08/11/14	AW	30 - 150 %
% TCMX	97		%	08/11/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014

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Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	13:21
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86796

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR J9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	TT/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	103		%	08/11/14	AW	30 - 150 %
% TCMX	102		%	08/11/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	13:24
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86797

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR K9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	107		%	08/12/14	AW	30 - 150 %
% TCMX	95		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR K9

Phoenix I.D.: BG86797

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	13:30
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86798

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR L9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	110		%	08/12/14	AW	30 - 150 %
% TCMX	97		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR L9

Phoenix I.D.: BG86798

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	13:33
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86799

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR M9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	114		%	08/11/14	AW	30 - 150 %
% TCMX	100		%	08/11/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	13:36
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86800

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR N9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	107		%	08/11/14	AW	30 - 150 %
% TCMX	100		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR N9

Phoenix I.D.: BG86800

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Ethan Lee, Project Manager

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	13:39
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86801

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR O9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	109		%	08/11/14	AW	30 - 150 %
% TCMX	97		%	08/11/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	13:42
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86802

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR P9A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	105		%	08/12/14	AW	30 - 150 %
% TCMX	96		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR P9A

Phoenix I.D.: BG86802

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	13:45
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86803

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR P9B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	107		%	08/12/14	AW	30 - 150 %
% TCMX	97		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR P9B

Phoenix I.D.: BG86803

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	13:50
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86804

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR Q9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	90		%	08/12/14	AW	30 - 150 %
% TCMX	102		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR Q9

Phoenix I.D.: BG86804

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
Reviewed and Released by: Ethan Lee, Project Manager

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	13:53
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86805

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR R9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	93		%	08/12/14	AW	30 - 150 %
% TCMX	106		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR R9

Phoenix I.D.: BG86805

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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August 13, 2014
Reviewed and Released by: Ethan Lee, Project Manager

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	13:56
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86806

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR S9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	93		%	08/12/14	AW	30 - 150 %
% TCMX	104		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR S9

Phoenix I.D.: BG86806

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	14:00
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86807

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR T9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	88		%	08/11/14	AW	30 - 150 %
% TCMX	99		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR T9

Phoenix I.D.: BG86807

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	14:03
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86808

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR U9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	91		%	08/11/14	AW	30 - 150 %
% TCMX	107		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR U9

Phoenix I.D.: BG86808

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	14:06
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86809

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR V9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	96		%	08/12/14	AW	30 - 150 %
% TCMX	106		%	08/12/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	14:09
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86810

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR W9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	108		%	08/12/14	AW	30 - 150 %
% TCMX	94		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR W9

Phoenix I.D.: BG86810

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	14:12
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86811

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR X9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	110		%	08/12/14	AW	30 - 150 %
% TCMX	92		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR X9

Phoenix I.D.: BG86811

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	14:14
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86812

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR Y9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	101		%	08/11/14	AW	30 - 150 %
% TCMX	86		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR Y9

Phoenix I.D.: BG86812

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	KR	08/01/14	14:16
Location Code:	F&OENVIRPCB	Received by:	LB	08/01/14	16:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG86759
Phoenix ID: BG86813

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR Z9

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	08/02/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	1.6	0.35	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	108		%	08/11/14	AW	30 - 150 %
% TCMX	94		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: 20140801-KR Z9

Phoenix I.D.: BG86813

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
Reviewed and Released by: Ethan Lee, Project Manager

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Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

August 13, 2014

QA/QC Data

SDG I.D.: GBG86759

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 282760, QC Sample No: BG86493 (BG86759, BG86760, BG86761, BG86762, BG86763, BG86764, BG86765, BG86766, BG86767, BG86768, BG86769, BG86770, BG86771, BG86772, BG86773, BG86774, BG86775, BG86776, BG86777)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	86	94	8.9	84	86	2.4	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	91	100	9.4	99	104	4.9	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	105	113	121	6.8	119	122	2.5	30 - 150	30
% TCMX (Surrogate Rec)	91	101	104	2.9	87	87	0.0	30 - 150	30
QA/QC Batch 282761, QC Sample No: BG86788 (BG86778, BG86779, BG86780, BG86781, BG86782, BG86783, BG86784, BG86785, BG86786, BG86787, BG86788, BG86789, BG86790, BG86791, BG86792, BG86793, BG86794, BG86795, BG86796)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	93	99	6.3	101	100	1.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	102	106	3.8	107	110	2.8	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	110	127	130	2.3	123	127	3.2	30 - 150	30
% TCMX (Surrogate Rec)	80	95	103	8.1	112	110	1.8	30 - 150	30
QA/QC Batch 282768, QC Sample No: BG87511 (BG86797, BG86798, BG86799, BG86800, BG86801, BG86802, BG86803, BG86804, BG86805, BG86806, BG86807, BG86808, BG86809, BG86810, BG86811, BG86812, BG86813)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	92	94	2.2	91	94	3.2	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	95	99	4.1	98	98	0.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	118	110	114	3.6	112	111	0.9	30 - 150	30
% TCMX (Surrogate Rec)	103	98	101	3.0	98	100	2.0	30 - 150	30

QA/QC Data

SDG I.D.: GBG86759

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
August 13, 2014

Wednesday, August 13, 2014

Criteria: None

State: CT

Sample Criteria Exceedences Report

GBG86759 - FOENVIRPCB

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** Fuss & O'Neill EnviroScience, LLC

Project Location: CREC DISCOVERY ACADEMY **Project Number:**

Laboratory Sample ID(s): BG86759, BG86760, BG86761, BG86762, BG86763, BG86764, BG86765, BG86766, BG86767, BG86768, BG86769, BG86770, BG86771, BG86772, BG86773, BG86774, BG86775, BG86776, BG86777, BG86778, BG86779, BG86780, BG86781, BG86782, BG86783, BG86784, BG86785, BG86786, BG86787, BG86788, BG86789, BG86790, BG86791, BG86792, BG86793, BG86794, BG86795, BG86796, BG86797, BG86798, BG86799, BG86800, BG86801, BG86802, BG86803, BG86804, BG86805, BG86806, BG86807, BG86808, BG86809, BG86810, BG86811, BG86812, BG86813

Sampling Date(s): 8/1/2014

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15

☑ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes ☐ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☑ Yes ☐ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No ☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☑ Yes ☐ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Ethan Lee

Date: Wednesday, August 13, 2014

Printed Name: Ethan Lee

Position: Project Manager

Nov 2007

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NY # 11301

RCP Certification Report

August 13, 2014

SDG I.D.: GBG86759

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 08/10/14-1 (BG86759, BG86760, BG86761, BG86762, BG86763, BG86764, BG86765)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/10/2014

Instrument: Au-ecd1 08/11/14-1 (BG86804, BG86805, BG86806, BG86807, BG86808, BG86809)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Au-ecd3 08/11/14-1 (BG86812, BG86813)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Au-ecd48 08/10/14-1 (BG86773, BG86774, BG86775, BG86776, BG86777, BG86785, BG86786, BG86787, BG86788, BG86789)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

August 13, 2014

SDG I.D.: GBG86759

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/10/2014

Instrument: Au-ecd48 08/11/14-1 (BG86792, BG86793, BG86794, BG86795, BG86796)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Au-ecd5 08/10/14-1 (BG86790, BG86791)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/10/2014

Instrument: Au-ecd6 08/10/14-1 (BG86766, BG86767, BG86778, BG86779, BG86780, BG86781, BG86782, BG86783, BG86784)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/10/2014

Instrument: Au-ecd6 08/11/14-1 (BG86797, BG86798, BG86802, BG86803, BG86810, BG86811)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

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ACCREDITED IN ACCORDANCE WITH NELAC
NY # 11301

RCP Certification Report

August 13, 2014

SDG I.D.: GBG86759

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Au-ecd8 08/11/14-1 (BG86799, BG86800, BG86801)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Ecd_cart 2 08/10/14-1 (BG86788)

Printed Name Adam Werner
Position: Chemist
Date: 8/10/2014

Instrument: Ecd_cart 2 08/11/14-1 (BG86768, BG86769, BG86770, BG86771, BG86772)

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

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RCP Certification Report

August 13, 2014

SDG I.D.: GBG86759

QC (Site Specific)

---------- Sample No: BG86788, QA/QC Batch: 282761 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

---------- Sample No: BG86493, QA/QC Batch: 282760 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BG87511, QA/QC Batch: 282768 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 3C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)

3OWK 1-

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CHAIN-OF-CUSTODY RECORD 1668

☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☒ Standard (5 days) *Surcharge Applies

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
CREC - Discovery Academy	Garage Area	20110979.A2E	Phoenix

REPORT TO: Kathleen Pane katepane@fando.com
INVOICE TO: Sarah Owens
P.O. NO.: 20110979.A2E
Sampler's Signature: Kimberly A. Rinard KARd Date: 8/1/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request

Containers

Item No.	Transfer Check 1	2	3	4	Sample Number 20140801-KR	Source Code	Date Sampled	Time Sampled	EPA8082PCBs, 3540C Soxhlet	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water [ ] $Na(SO_4)_2$	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
					A8	S	8/1/14	0940	X			X									86759
					B8	↓	↓	0944	↓			↓									86760
					C8	↓	↓	0948	↓			↓									86761
					D8	↓	↓	0955	↓			↓									86762
					E8A	↓	↓	0958	↓			↓									86763
					E8B	S	8/1/14	1002	X			X									86764
					F8	↓	↓	1006	↓			↓									86765
					G8	↓	↓	1010	↓			↓									86766
					H8	↓	↓	1014	↓			↓									86767
					I8	↓	↓	1018	↓			↓									86768

Row 8 1 of 3

Transfer Number	Relinquished By	Accepted By	Date	Time
1	KARd	Paradise	8/1/14	1615
2				
3				
4				

Reporting and Detection Limit Requirements: RL 1mg/kg EPA8082 PCBs, 3540 C Soxhlet

Additional Comments:

3°W/C+IP

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CHAIN-OF-CUSTODY RECORD 1669

[redacted]

☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☒ Standard (5 days) *Surcharge Applies

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
CREC - Discovery Academy	Garage Area	20110979.A2E	Phoenix

REPORT TO: See pg 1
INVOICE TO: ↓
P.O. NO.:

Sampler's Signature: KAr Kimberly A. Rinard Date: 8/1/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request

Containers

Item No.	Transfer Check 1	2	3	4	Sample Number 20140801-KR	Source Code	Date Sampled	Time Sampled	EPA8082 PCBs, 3540C Soxhlet	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water [ ] $Na(SO_4)_2$	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
					J8	S	8/1/14	1022	X			X									86769
					K8	↓	↓	1026	↓			↓									86770
					L8			1030													86771
					M8			1035													86772
					N8			1040													86773
					O8	S	8/1/14	1045	X			X									86774
					P8	↓	↓	1050	↓			↓									86775
					Q8			1055													86776
					R8			1100													86777
					S8			1105													86778

Row 8 2 of 3

Transfer Number	Relinquished By	Accepted By	Date	Time
1	KAr	CParadise	8/1/14	16:15
2				
3				
4				

Reporting and Detection Limit Requirements: RL ≤ 1mg/kg EPA8082 PCBs, 3540C Soxhlet

Additional Comments:

3°W/C tip

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CHAIN-OF-CUSTODY RECORD 1670

- [ ] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [x] Standard (5 days)
- [ ] Other _____ (days)
- *Surcharge Applies

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
CREC- Discovery Academy	Garage Area	20110979.A2E	Phoenix

REPORT TO: see pg 1
INVOICE TO: ↓
P.O. No.:

Sampler's Signature: KAM Kimberly A. Rinaud Date: 8/1/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request

Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA8082PCBs, 3540C Soxhlet	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	[ ] Na(SO4)2	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] H2SO4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H2SO4, [ ] 250 ml [ ] 500 ml	Plastic - HNO3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
					20140801-KR																	
					T8	S	8/1/14	1110	X								X						86779
					U8	↓	↓	1115	↓								↓						86780
					V8	↓	↓	1118	↓								↓						86781
					W8	↓	↓	1121	↓								↓						86782
					X8	S	8/1/14	1124	↓								↓						86783
					Y8	↓	↓	1127	X								X						86784
					Z8	↓	↓	1130	↓								↓						86785
27 pieces																						
						8/1/14																

Row 8/3/3

Transfer Number	Relinquished By	Accepted By	Date	Time
1	KAM	CParadise	8/1/14	16:15
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments:

3°w/c+IP

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CHAIN-OF-CUSTODY RECORD 1671

- [ ] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [X] Standard (5 days)
- [ ] Other _____ (days)
- *Surcharge Applies

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
CREC Discovery Academy	Garage Area	20110979.AZE	Phoenix

REPORT TO: Kathleen Pane katepane@fando.com
INVOICE TO: Sarah Owens
P.O. NO.: 20110979.AZE
Sampler's Signature: KAnd Kimberly A. Rinard Date: 8/1/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request

Containers

Item No.	Transfer Check 1	2	3	4	Sample Number 20140801-KR	Source Code	Date Sampled	Time Sampled	EPA8082PCBs, 3540C Soxhlet	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	Glass Soil Container ( ) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber (4) ml, [ ] As is [ ] H_2SO_4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
					A9	S	8/1/14	1245	X							X					86786
					B9	↓	↓	1248	↓							↓					86787
					C9	↓	↓	1251	↓							↓					86788
					D9	↓	↓	1255	↓							↓					86789
					E9	↓	↓	1258	↓							↓					86790
					F9	S	8/1/14	1301	X							X					86791
					G9	↓	↓	1306	↓							↓					86792
					H9A	↓	↓	1308	↓							↓					86793
					H9B	↓	↓	1311	↓							↓					86794
					I9	↓	↓	1315	↓							↓					86795

Row 9 1 of 3

Transfer Number	Relinquished By	Accepted By	Date	Time
1	KAnd	Claradise	8/1/14	16:15
2				
3				
4				

Reporting and Detection Limit Requirements: RL ≤ 1mg/kg EPA8082PCBs, 3540C Soxhlet

Additional Comments: email report to Kathleen Pane-@ F+O

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CHAIN-OF-CUSTODY RECORD

1673

☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☒ Standard (5 days) *Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
CREC- Discovery Academy	Garage Area	20110979.A2E	Phoenix

Report To: See pg 1
Invoice To:
P.O. No.:
Sampler's Signature: KAnl Date: 8/1/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request / Containers

Item No.	Transfer Check 1	2	3	4	Sample Number 20140801-KR	Source Code	Date Sampled	Time Sampled	EPA8082 PCBs, 3540c Soxhlet	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	Glass Soil Container (X) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
					J9	S	8/1/14	1321	X							X									86796
					K9	↓	↓	1324	↓							↓									86797
					L9			1330																	86798
					M9			1333																	86799
					N9			1336																	86800
					O9	S	8/1/14	1339	X							X									86801
					P9 A	↓	↓	1342	↓							↓									86802
					P9 B			1345																	86803
					Q9			1350																	86804
					R9			1353																	86805

Row 9 2 of 3

Transfer Number	Relinquished By	Accepted By	Date	Time
1	KAnl	Cparadise	8/1/14	16:15
2				
3				
4				

Reporting and Detection Limit Requirements: RL 1mg/kg EPA8082 PCBs, 3540c Soxhlet
Additional Comments:

3°W/C+IP

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CHAIN-OF-CUSTODY RECORD 1672

☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☒ Standard (5 days) *Surcharge Applies

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
CREC- Discovery Academy	Garage Area	20110979.A2E	Phoenix

REPORT TO: see pg 1
INVOICE TO:
P.O. NO.:
Sampler's Signature: KAL Date: 8/1/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request

Containers

Item No.	Transfer Check 1	2	3	4	Sample Number 20140801-KR	Source Code	Date Sampled	Time Sampled	EPA8082 PCBs, 3540C Soxhlet	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water [ ] Na(SO4)2	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] H2SO4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H2SO4, [ ] 250 ml [ ] 500 ml	Plastic - HNO3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
					S9	S	8/1/14	1356	X			X									86806
					T9	↓	↓	1400	↓			↓									86807
					U9			1403													86808
					V9			1406													86809
					W9			1409													86810
					X9	S	8/1/14	1412	X			X									86811
					Y9	↓	↓	1414	↓			↓									86812
					Z9			1416													86813
28 pieces																					8/1/14 KAL
																					8/1/14 KAL

Row 9 3/3

Transfer Number	Relinquished By	Accepted By	Date	Time
1	KAL	CParadise	8/1/14	16:15
2				
3				
4				

Reporting and Detection Limit Requirements: RL ≤ 1mg/kg EPA8082 PCB's, 3540C Soxhlet

Additional Comments:

Gage 5x5 grid
A 10-210

PHOENIX
Environmental Laboratories, Inc.

Wednesday, August 13, 2014

Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Project ID: CREC DISCOVERY ACADEMY
Sample ID#s: BG87431 - BG87457

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH
NY # 11301

SDG Comments

August 13, 2014

SDG I.D.: GBG87431

PCB Comment:
Low TCMX surrogate was observed. A low bias is not suspected because the surrogate decachlorobiphenyl recovery was within acceptance criteria and PCBs behave similarly to decachlorobiphenyl.

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	7:55
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87431

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-A10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Percent Solid	83		%	08/05/14	I	E160.3	
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C	
PCB (Soxhlet)							
PCB-1016	ND	0.39	mg/kg	08/11/14	AW	3540C/8082	
PCB-1221	ND	0.39	mg/kg	08/11/14	AW	3540C/8082	
PCB-1232	ND	0.39	mg/kg	08/11/14	AW	3540C/8082	
PCB-1242	ND	0.39	mg/kg	08/11/14	AW	3540C/8082	
PCB-1248	ND	0.39	mg/kg	08/11/14	AW	3540C/8082	
PCB-1254	ND	0.39	mg/kg	08/11/14	AW	3540C/8082	
PCB-1260	ND	0.39	mg/kg	08/11/14	AW	3540C/8082	
PCB-1262	ND	0.39	mg/kg	08/11/14	AW	3540C/8082	
PCB-1268	ND	0.39	mg/kg	08/11/14	AW	3540C/8082	
QA/QC Surrogates							
% DCBP	97		%	08/11/14	AW	30 - 150 %	
% TCMX	<30		%	08/11/14	AW	30 - 150 %	3

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-A10

Phoenix I.D.: BG87431

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

PCB Comment:
Low TCMX surrogate was observed. A low bias is not suspected because the surrogate decachlorobiphenyl recovery was within acceptance criteria and PCBs behave similarly to decachlorobiphenyl.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	7:58
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87432

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-B10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	88		%	08/11/14	AW	30 - 150 %
% TCMX	<30		%	08/11/14	AW	30 - 150 % 3

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-B10

Phoenix I.D.: BG87432

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

PCB Comment:
Low TCMX surrogate was observed. A low bias is not suspected because the surrogate decachlorobiphenyl recovery was within acceptance criteria and PCBs behave similarly to decachlorobiphenyl.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:00
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87433

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-C10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	77		%	08/11/14	AW	30 - 150 %
% TCMX	81		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-C10

Phoenix I.D.: BG87433

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:02
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87434

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-D10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Percent Solid	91		%	08/05/14	I	E160.3	
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C	
PCB (Soxhlet)							
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082	
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082	
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082	
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082	
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082	
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082	
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082	
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082	
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082	
QA/QC Surrogates							
% DCBP	81		%	08/12/14	AW	30 - 150 %	
% TCMX	<30		%	08/12/14	AW	30 - 150 %	3

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-D10

Phoenix I.D.: BG87434

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

PCB Comment:
Low TCMX surrogate was observed. A low bias is not suspected because the surrogate decachlorobiphenyl recovery was within acceptance criteria and PCBs behave similarly to decachlorobiphenyl.

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87435

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-E10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Percent Solid	85		%	08/05/14	I	E160.3	
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C	
PCB (Soxhlet)							
PCB-1016	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1221	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1232	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1242	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1248	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1254	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1260	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1262	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1268	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
QA/QC Surrogates							
% DCBP	88		%	08/12/14	AW	30 - 150 %	
% TCMX	<30		%	08/12/14	AW	30 - 150 %	3

Project ID: CREC DISCOVERY ACADEMY

Client ID: KR-E10

Phoenix I.D.: BG87435

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

PCB Comment:
Low TCMX surrogate was observed. A low bias is not suspected because the surrogate decachlorobiphenyl recovery was within acceptance criteria and PCBs behave similarly to decachlorobiphenyl.

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:06
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87436

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-F10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	106		%	08/12/14	AW	30 - 150 %
% TCMX	102		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-F10

Phoenix I.D.: BG87436

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:08
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87437

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-G10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	106		%	08/12/14	AW	30 - 150 %
% TCMX	104		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-G10

Phoenix I.D.: BG87437

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:09
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87438

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-H10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.41	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	101		%	08/12/14	AW	30 - 150 %
% TCMX	41		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-H10

Phoenix I.D.: BG87438

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:10
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87439

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-I10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	107		%	08/12/14	AW	30 - 150 %
% TCMX	<30		%	08/12/14	AW	30 - 150 % 3

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-I10

Phoenix I.D.: BG87439

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

PCB Comment:
Low TCMX surrogate was observed. A low bias is not suspected because the surrogate decachlorobiphenyl recovery was within acceptance criteria and PCBs behave similarly to decachlorobiphenyl.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:11
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87440

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-J10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	88		%	08/12/14	AW	30 - 150 %
% TCMX	81		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-J10

Phoenix I.D.: BG87440

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:20
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87441

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-K10A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Percent Solid	85		%	08/05/14	I	E160.3	
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C	
PCB (Soxhlet)							
PCB-1016	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1221	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1232	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1242	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1248	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1254	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1260	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1262	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
PCB-1268	ND	0.39	mg/kg	08/12/14	AW	3540C/8082	
QA/QC Surrogates							
% DCBP	99		%	08/12/14	AW	30 - 150 %	
% TCMX	<30		%	08/12/14	AW	30 - 150 %	3

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-K10A

Phoenix I.D.: BG87441

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

PCB Comment:
Low TCMX surrogate was observed. A low bias is not suspected because the surrogate decachlorobiphenyl recovery was within acceptance criteria and PCBs behave similarly to decachlorobiphenyl.

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August 13, 2014
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87442

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-A10B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	110		%	08/12/14	AW	30 - 150 %
% TCMX	104		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-A10B

Phoenix I.D.: BG87442

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:22
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87443

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-L10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	113		%	08/12/14	AW	30 - 150 %
% TCMX	108		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-L10

Phoenix I.D.: BG87443

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:23
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87444

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-M10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	0.54	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	111		%	08/12/14	AW	30 - 150 %
% TCMX	33		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-M10

Phoenix I.D.: BG87444

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:25
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87445

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-N10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.39	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	114		%	08/12/14	AW	30 - 150 %
% TCMX	54		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-N10

Phoenix I.D.: BG87445

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:26
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87446

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-O10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	132		%	08/12/14	AW	30 - 150 %
% TCMX	70		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-O10

Phoenix I.D.: BG87446

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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August 13, 2014
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87447

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-P10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	125		%	08/13/14	AW	30 - 150 %
% TCMX	52		%	08/13/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-P10

Phoenix I.D.: BG87447

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:29
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87448

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-Q10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	131		%	08/13/14	AW	30 - 150 %
% TCMX	113		%	08/13/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-Q10

Phoenix I.D.: BG87448

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:30
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87449

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-R10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	131		%	08/13/14	AW	30 - 150 %
% TCMX	115		%	08/13/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-R10

Phoenix I.D.: BG87449

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:32
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87450

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-S10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	113		%	08/13/14	AW	30 - 150 %
% TCMX	60		%	08/13/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-S10

Phoenix I.D.: BG87450

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:34
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87451

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-T10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/13/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	109		%	08/13/14	AW	30 - 150 %
% TCMX	109		%	08/13/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-T10

Phoenix I.D.: BG87451

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:46
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87452

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-U10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Percent Solid	89		%	08/05/14	I	E160.3	
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C	
PCB (Soxhlet)							
PCB-1016	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
PCB-1221	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
PCB-1232	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
PCB-1242	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
PCB-1248	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
PCB-1254	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
PCB-1260	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
PCB-1262	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
PCB-1268	ND	0.37	mg/kg	08/12/14	AW	3540C/8082	
QA/QC Surrogates							
% DCBP	113		%	08/12/14	AW	30 - 150 %	
% TCMX	<30		%	08/12/14	AW	30 - 150 %	3

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-U10

Phoenix I.D.: BG87452

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

PCB Comment:
Low TCMX surrogate was observed. A low bias is not suspected because the surrogate decachlorobiphenyl recovery was within acceptance criteria and PCBs behave similarly to decachlorobiphenyl.

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:48
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87453

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-V10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Percent Solid	83		%	08/05/14	I	E160.3	
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C	
PCB (Soxhlet)							
PCB-1016	ND	0.4	mg/kg	08/12/14	AW	3540C/8082	
PCB-1221	ND	0.4	mg/kg	08/12/14	AW	3540C/8082	
PCB-1232	ND	0.4	mg/kg	08/12/14	AW	3540C/8082	
PCB-1242	ND	0.4	mg/kg	08/12/14	AW	3540C/8082	
PCB-1248	ND	0.4	mg/kg	08/12/14	AW	3540C/8082	
PCB-1254	ND	0.4	mg/kg	08/12/14	AW	3540C/8082	
PCB-1260	ND	0.4	mg/kg	08/12/14	AW	3540C/8082	
PCB-1262	ND	0.4	mg/kg	08/12/14	AW	3540C/8082	
PCB-1268	ND	0.4	mg/kg	08/12/14	AW	3540C/8082	
QA/QC Surrogates							
% DCBP	122		%	08/12/14	AW	30 - 150 %	
% TCMX	<30		%	08/12/14	AW	30 - 150 %	3

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-V10

Phoenix I.D.: BG87453

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

PCB Comment:
Low TCMX surrogate was observed. A low bias is not suspected because the surrogate decachlorobiphenyl recovery was within acceptance criteria and PCBs behave similarly to decachlorobiphenyl.

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:50
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87454

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-W10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	0.77	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	97		%	08/12/14	AW	30 - 150 %
% TCMX	54		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-W10

Phoenix I.D.: BG87454

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87455

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-X10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	109		%	08/12/14	AW	30 - 150 %
% TCMX	48		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-X10

Phoenix I.D.: BG87455

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87456

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-Y10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	112		%	08/12/14	AW	30 - 150 %
% TCMX	104		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-Y10

Phoenix I.D.: BG87456

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	8:53
Location Code:	F&OENVIRPCB	Received by:	LB	08/04/14	16:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG87431
Phoenix ID: BG87457

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-Z10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	0.43	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	123		%	08/12/14	AW	30 - 150 %
% TCMX	<30		%	08/12/14	AW	30 - 150 % 3

Project ID: CREC DISCOVERY ACADEMY

Client ID: KR-Z10

Phoenix I.D.: BG87457

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

PCB Comment:
Low TCMX surrogate was observed. A low bias is not suspected because the surrogate decachlorobiphenyl recovery was within acceptance criteria and PCBs behave similarly to decachlorobiphenyl.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

August 13, 2014

Reviewed and Released by: Kathleen Cressia, QA/QC Officer

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

August 13, 2014

QA/QC Data

SDG I.D.: GBG87431

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 282824, QC Sample No: BG87440 (BG87431, BG87432, BG87433, BG87434, BG87435, BG87436, BG87437, BG87438, BG87439, BG87440, BG87441, BG87442, BG87443, BG87444, BG87445, BG87446, BG87447, BG87448, BG87449, BG87450)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	92	89	3.3	86	77	11.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	91	89	2.2	86	83	3.6	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	93	97	100	3.0	93	89	4.4	30 - 150	30
% TCMX (Surrogate Rec)	94	99	100	1.0	92	82	11.5	30 - 150	30
QA/QC Batch 282825, QC Sample No: BG87457 (BG87451, BG87452, BG87453, BG87454, BG87455, BG87456, BG87457)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	76	81	6.4				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	87	86	1.2				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	107	107	109	1.9				30 - 150	30
% TCMX (Surrogate Rec)	93	98	99	1.0				30 - 150	30

Comment:

QC apears to be spiked with 0.25ml of pcb spike. Recoveries were calculated based on this value. -aw
MS/MSD could not be reported due to PCB in the unspiked sample. -aw

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
August 13, 2014

Wednesday, August 13, 2014

Criteria: None

State: CT

Sample Criteria Exceedences Report

GBG87431 - FOENVIRPCB

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** Fuss & O'Neill EnviroScience, LLC

Project Location: CREC DISCOVERY ACADEMY **Project Number:**

Laboratory Sample ID(s): BG87431, BG87432, BG87433, BG87434, BG87435, BG87436, BG87437, BG87438, BG87439, BG87440, BG87441, BG87442, BG87443, BG87444, BG87445, BG87446, BG87447, BG87448, BG87449, BG87450, BG87451, BG87452, BG87453, BG87454, BG87455, BG87456, BG87457

Sampling Date(s): 8/4/2014

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15

☑ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☐ Yes ☑ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☑ Yes ☐ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No ☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☑ Yes ☐ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Date: Wednesday, August 13, 2014

Authorized Signature: Kathleen Cressia

Printed Name: Kathleen Cressia

Position: QA/QC Officer

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH
NY # 11301

RCP Certification Report

August 13, 2014

SDG I.D.: GBG87431

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd24 08/12/14-1 (BG87450, BG87451)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/12/2014

Instrument: Au-ecd5 08/11/14-1 (BG87431, BG87432, BG87433, BG87434, BG87435, BG87436, BG87437, BG87438, BG87439, BG87440, BG87441, BG87442, BG87443, BG87444, BG87445)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Au-ecd6 08/11/14-1 (BG87452, BG87453, BG87454)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Au-ecd8 08/11/14-1 (BG87457)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

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ACCREDITED IN ACCORDANCE WITH
NY # 11301

RCP Certification Report

August 13, 2014

SDG I.D.: GBG87431

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Au-ecd8 08/12/14-1 (BG87446, BG87447, BG87448, BG87449, BG87457)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/12/2014

Instrument: Ecd_cart 2 08/12/14-1 (BG87455, BG87456)

Printed Name Adam Werner
Position: Chemist
Date: 8/12/2014

QC Comments: QC Batch 282825 08/11/14 (BG87451, BG87452, BG87453, BG87454, BG87455, BG87456, BG87457)

QC apears to be spiked with 0.25ml of pcb spike. Recoveries were calculated based on this value. -aw
MS/MSD could not be reported due to PCB in the unspiked sample. -aw

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NY # 11301

RCP Certification Report

August 13, 2014

SDG I.D.: GBG87431

QC (Site Specific)

---------- Sample No: BG87440, QA/QC Batch: 282824 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BG87457, QA/QC Batch: 282825 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples were received at 20C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)

20° w/c + ice

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- ☐ 78 Interstate Drive, West Springfield, MA 01089
- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1237

☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☒ Standard (5 days) *Surcharge Applies

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
CREC - Discovery Academy	Garage Area	20110979.A2E	Phoenix

REPORT TO: Kathleen Pane katepane@fando.com
INVOICE TO: Sarah Owens
P.O. NO.: 20110979.A2E
Sampler's Signature: [signature] Kimberly A. Rinard Date: 8/4/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request

Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA8082PCBs, 3540C Soxhlet	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water [ ] $Na(SO_4)_2$	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
					KR-A10	S	8/4/14	0755	x			x									87431
					B10			0758													87432
					C10			0800													87433
					D10			0802													87434
					E10																87435
					F10	S	8/4/14	0806	x			x									87436
					G10			0808													87437
					H10			0809													87438
					I10			0810													87439
					KR-J10			0811													87440

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	CParadise	8/4/14	1640
2				
3				
4				

Reporting and Detection Limit Requirements: RL ≤ 1mg/kg EPA8082 PCBs, 3540C

Additional Comments:

20° w/ ice

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- [ ] 56 Quarry Road, Trumbull, CT 06611
- [ ] 1419 Richland Street, Columbia, SC 29201
- [ ] 78 Interstate Drive, West Springfield, MA 01089
- [ ] 50 Redfield Street, Suite 100, Boston, MA 02122
- [ ] 317 Iron Horse Way, Suite 204, Providence, RI 02908
- [ ] 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1548

- [ ] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [x] Standard (5 days)
- [ ] Other _____ (days)

*Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
CREC Discovery Academy	Garage Area	2011 0979. A2E	

Report To: see pg 1
Invoice To: ↓
P.O. No.:
Sampler's Signature: KAR Date: 8/4/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request / Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA 8082 PCBs, 3540 c Soxhlet	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	Glass Soil Container [ ] $Na(SO_4)_2$	Glass Soil Container (K) oz	Glass Soil Container ( ) oz	Other	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] 250 ml	Plastic - As is, [ ] 250 ml [ ] 500 ml [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
				KR	K 10 A	S	8/4/14	820	x								x					87441
					K 10 B																	87442
					L 10			822														87443
					M 10			823														87444
					N 10			825														87445
					O 10	S	8/4/14	826	x								x					87446
					P 10																	87447
					Q 10			829														87448
					R 10			830														87449
				KR	S 10			832														87450

Transfer Number	Relinquished By	Accepted By	Date	Time
1	KAR	Charadise	8/4/14	1640
2				
3				
4				

Reporting and Detection Limit Requirements: RL 1 mg/kg EPA 8082 PCBs, 3540 c Soxhlet
Additional Comments:

20°w/c + a

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- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
- ☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1547

- ☐ 1 Day*
- ☐ 2 Days*
- ☐ 3 Days*
- ☒ Standard (5 days)
- ☐ Other _____ (days)

*Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
CREC Discovery Academy	Grange Area	20119979, A2E	Phoenix

Report To: see pg 1

Invoice To:

P.O. No.:

Sampler's Signature: KAL Date: 8/4/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request / Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA 8082 PCBs, 3540c Soxhlet	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] HCl	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
				KR-	T 10	S	8/4/14	834	x								X				87451
					U 10			846													87452
					V 10			848													87453
					W 10			850													87454
					X 10																87455
					Y 10																87456
				KR-	Z 10	S	8/4/14	853	x								X				87457

Transfer Number	Relinquished By	Accepted By	Date	Time
1	KAL	Chevedice	8/4/14	1640
2				
3				
4				

Reporting and Detection Limit Requirements: RL = 1mg/kg EPA 8082 PCBs, 3540c Soxhlet

Additional Comments:

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-H2

Phoenix I.D.: BG89557

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 12, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 12, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/07/14	9:21
Location Code:	F&OENVIRPCB	Received by:	SW	08/07/14	11:15
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG89555
Phoenix ID: BG89558

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-I4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/07/14	I	E160.3
Extraction for PCB	Completed			08/07/14	PT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/08/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/08/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/08/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/08/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/08/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/08/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/08/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/08/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/08/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	87		%	08/08/14	AW	30 - 150 %
% TCMX	101		%	08/08/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-I4

Phoenix I.D.: BG89558

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 12, 2014
Reviewed and Released by: Ethan Lee, Project Manager

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 12, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/07/14	9:23
Location Code:	F&OENVIRPCB	Received by:	SW	08/07/14	11:15
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG89555
Phoenix ID: BG89559

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-J5

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	08/07/14	I	E160.3
Extraction for PCB	Completed			08/07/14	PT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	112		%	08/08/14	AW	30 - 150 %
% TCMX	92		%	08/08/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-J5

Phoenix I.D.: BG89559

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 12, 2014
Reviewed and Released by: Ethan Lee, Project Manager

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 12, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/07/14	9:25
Location Code:	F&OENVIRPCB	Received by:	SW	08/07/14	11:15
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG89555
Phoenix ID: BG89560

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-J7

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	08/07/14	I	E160.3
Extraction for PCB	Completed			08/07/14	PT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	103		%	08/08/14	AW	30 - 150 %
% TCMX	96		%	08/08/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-J7

Phoenix I.D.: BG89560

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 12, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 12, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/07/14	9:30
Location Code:	F&OENVIRPCB	Received by:	SW	08/07/14	11:15
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG89555
Phoenix ID: BG89561

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-L3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	08/07/14	I	E160.3
Extraction for PCB	Completed			08/07/14	PT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/08/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	93		%	08/08/14	AW	30 - 150 %
% TCMX	94		%	08/08/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-L3

Phoenix I.D.: BG89561

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 12, 2014
Reviewed and Released by: Ethan Lee, Project Manager

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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QA/QC Report

August 12, 2014

QA/QC Data

SDG I.D.: GBG89555

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 282508, QC Sample No: BG89625 (BG89555, BG89556, BG89557, BG89558, BG89559, BG89560, BG89561)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	85	82	3.6	89	88	1.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	87	87	0.0	131	130	0.8	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	90	96	99	3.1	100	97	3.0	30 - 150	30
% TCMX (Surrogate Rec)	98	92	97	5.3	96	95	1.0	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
August 12, 2014

Tuesday, August 12, 2014

Criteria: None

State: CT

Sample Criteria Exceedences Report

GBG89555 - FOENVIRPCB

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** Fuss & O'Neill EnviroScience, LLC

Project Location: CREC DISCOVERY ACADEMY **Project Number:**

Laboratory Sample ID(s): BG89555, BG89556, BG89557, BG89558, BG89559, BG89560, BG89561

Sampling Date(s): 8/7/2014

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15

☑ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes ☐ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☑ Yes ☐ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No ☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☐ Yes ☑ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Ethan Lee

Date: Tuesday, August 12, 2014

Printed Name: Ethan Lee

Position: Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NY # 11301

RCP Certification Report

August 12, 2014

SDG I.D.: GBG89555

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 08/08/14-1 (BG89556, BG89557, BG89558)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/8/2014

Instrument: Au-ecd24 08/08/14-1 (BG89561)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/8/2014

Instrument: Au-ecd3 08/08/14-1 (BG89555)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/8/2014

Instrument: Au-ecd5 08/08/14-1 (BG89559, BG89560)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

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Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NY # 11301

RCP Certification Report

August 12, 2014

SDG I.D.: GBG89555

Printed Name	Adam Werner
Position:	Chemist
Date:	8/8/2014

QC (Batch Specific)

---------- Sample No: BG89625, QA/QC Batch: 282508 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples in this delivery group were received at 1°C.
(Note acceptance criteria is above freezing up to 6°C)

1.0c
WIC
ICE

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Disciplines to Deliver
(860) 646-2469 • www.FandO.com

☒ 146 Hartford Road, Manchester, CT 06040
☐ 56 Quarry Road, Trumbull, CT 06611
☐ 1419 Richland Street, Columbia, SC 29201
☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1700

☒ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☐ Standard (____ days) *Surcharge Applies

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
KAL ~~20110979.A2E~~	CREC Discovery Academy Garage Area	20110979.A2E	Phoenix

REPORT TO: Kathleen Pane katepane@fando.com
INVOICE TO: Sarah Owens
P.O. NO.: 20110979.A2E
Sampler's Signature: KAL Date: 8/7/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request

Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA8082 PCBs, 3540C Soxhlet																				Comments
					KR-																								
					C1	S	8/7/14	0915	X			89555								1									18" bgs
					E3	↓	↓	0917	↓			89556								1									18" bgs
					H2	↓	↓	0919	↓			89557								1									18" bgs
					I4	↓	↓	0921	↓			89558								1									18" bgs
					J5	S	8/7/14	0923	X			89559								1									18" bgs
					J7	↓	↓	0925	↓			89560								1									18" bgs
					L3	S	8/7/14	0930	X			89561								1									18" bgs

8/7/14 KAL

Transfer Number	Relinquished By	Accepted By	Date	Time
1	KAL	[signature]	8/7/14	1115
2				
3				
4				

Reporting and Detection Limit Requirements: RLL 1mg/kg EPA8082PCBs, 3540C Soxhlet

Additional Comments: Samples collected from garage area following removal of additional 6" of soil at locations >1 ppm PCB's
KAL ~~8/6~~ 8/7/14

Gauge 5x5 grid
A12-2-12 0-4"

PHOENIX
Environmental Laboratories, Inc.

Wednesday, August 13, 2014

Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Project ID: CREC DISCOVERY ACADEMY
Sample ID#s: BG87509 - BG87532

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:15
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87509

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-A12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	0.9	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	109		%	08/12/14	AW	30 - 150 %
% TCMX	93		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-A12

Phoenix I.D.: BG87509

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:20
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87510

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-B12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	77		%	08/05/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/08/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.43	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.43	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.43	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.43	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.43	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.43	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.43	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.43	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.43	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	112		%	08/12/14	AW	30 - 150 %
% TCMX	86		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-B12

Phoenix I.D.: BG87510

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:22
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87511

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-C12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	78		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.42	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	08/11/14	AW	30 - 150 %
% TCMX	88		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-C12

Phoenix I.D.: BG87511

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:23
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87512

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-D12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	96		%	08/11/14	AW	30 - 150 %
% TCMX	90		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-D12

Phoenix I.D.: BG87512

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:25
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87513

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-E12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	08/11/14	AW	30 - 150 %
% TCMX	85		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-E12

Phoenix I.D.: BG87513

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:26
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87514

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-F12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	107		%	08/11/14	AW	30 - 150 %
% TCMX	104		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-F12

Phoenix I.D.: BG87514

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:27
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87515

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-G12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	84		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	115		%	08/11/14	AW	30 - 150 %
% TCMX	107		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-G12

Phoenix I.D.: BG87515

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:29
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87516

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-H12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	108		%	08/11/14	AW	30 - 150 %
% TCMX	96		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-H12

Phoenix I.D.: BG87516

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:30
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87517

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-I12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	112		%	08/11/14	AW	30 - 150 %
% TCMX	103		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-I12

Phoenix I.D.: BG87517

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:32
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87518

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-J12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	0.52	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	107		%	08/11/14	AW	30 - 150 %
% TCMX	100		%	08/11/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:40
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87519

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-K12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	98		%	08/11/14	AW	30 - 150 %
% TCMX	99		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-K12

Phoenix I.D.: BG87519

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:42
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87520

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-L12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	97		%	08/11/14	AW	30 - 150 %
% TCMX	99		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-L12

Phoenix I.D.: BG87520

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:43
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87521

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-M12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	90		%	08/12/14	AW	30 - 150 %
% TCMX	106		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-M12

Phoenix I.D.: BG87521

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:45
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87522

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-Q12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/13/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	108		%	08/13/14	AW	30 - 150 %
% TCMX	95		%	08/13/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-Q12

Phoenix I.D.: BG87522

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:47
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87523

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-R12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1260	0.65	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/12/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	93		%	08/12/14	AW	30 - 150 %
% TCMX	101		%	08/12/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-R12

Phoenix I.D.: BG87523

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	0:00
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87524

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-S12 A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	0.41	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	116		%	08/11/14	AW	30 - 150 %
% TCMX	100		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-S12 A

Phoenix I.D.: BG87524

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	0:00
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87525

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-S12 B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	112		%	08/11/14	AW	30 - 150 %
% TCMX	98		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-S12 B

Phoenix I.D.: BG87525

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:50
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87526

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-T12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	117		%	08/11/14	AW	30 - 150 %
% TCMX	95		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-T12

Phoenix I.D.: BG87526

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:51
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87527

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-U12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	114		%	08/11/14	AW	30 - 150 %
% TCMX	98		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-U12

Phoenix I.D.: BG87527

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:52
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87528

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-V12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	116		%	08/11/14	AW	30 - 150 %
% TCMX	98		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-V12

Phoenix I.D.: BG87528

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	12:54
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87529

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-W12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	111		%	08/11/14	AW	30 - 150 %
% TCMX	96		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-W12

Phoenix I.D.: BG87529

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	13:03
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87530

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-X12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	107		%	08/11/14	AW	30 - 150 %
% TCMX	94		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-X12

Phoenix I.D.: BG87530

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 13, 2014
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	13:04
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87531

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-Y12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	99		%	08/11/14	AW	30 - 150 %
% TCMX	99		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-Y12

Phoenix I.D.: BG87531

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 13, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/04/14	13:05
Location Code:	F&OENVIRPCB	Received by:	SW	08/04/14	16:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979AZE				

Laboratory Data

SDG ID: GBG87509
Phoenix ID: BG87532

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-Z12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	08/05/14	I	E160.3
Extraction for PCB	Completed			08/10/14	QT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/11/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	96		%	08/11/14	AW	30 - 150 %
% TCMX	94		%	08/11/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-Z12

Phoenix I.D.: BG87532

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 13, 2014
Reviewed and Released by: Kathleen Cressia, QA/QC Officer

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QA/QC Report

August 13, 2014

QA/QC Data

SDG I.D.: GBG87509

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 282827, QC Sample No: BG87495 (BG87509, BG87510)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	71	76	6.8	76	73	4.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	74	81	9.0	81	78	3.8	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	96	86	102	17.0	84	88	4.7	30 - 150	30
% TCMX (Surrogate Rec)	96	87	100	13.9	83	88	5.8	30 - 150	30
QA/QC Batch 282768, QC Sample No: BG87511 (BG87511, BG87512, BG87513)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	92	94	2.2	91	94	3.2	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	95	99	4.1	98	98	0.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	118	110	114	3.6	112	111	0.9	30 - 150	30
% TCMX (Surrogate Rec)	103	98	101	3.0	98	100	2.0	30 - 150	30
QA/QC Batch 282769, QC Sample No: BG87517 (BG87514, BG87515, BG87516, BG87517, BG87518, BG87519, BG87520, BG87521, BG87522, BG87523, BG87524, BG87525, BG87526, BG87527, BG87528, BG87529, BG87530, BG87531, BG87532)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	76	86	12.3	86	78	9.8	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	91	92	1.1	96	92	4.3	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	106	111	112	0.9	116	109	6.2	30 - 150	30
% TCMX (Surrogate Rec)	81	100	104	3.9	104	103	1.0	30 - 150	30

QA/QC Data

SDG I.D.: GBG87509

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
August 13, 2014

Wednesday, August 13, 2014

Criteria: None

State: CT

Sample Criteria Exceedences Report

GBG87509 - FOENVIRPCB

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** Fuss & O'Neill EnviroScience, LLC

Project Location: CREC DISCOVERY ACADEMY **Project Number:**

Laboratory Sample ID(s): BG87509, BG87510, BG87511, BG87512, BG87513, BG87514, BG87515, BG87516, BG87517, BG87518, BG87519, BG87520, BG87521, BG87522, BG87523, BG87524, BG87525, BG87526, BG87527, BG87528, BG87529, BG87530, BG87531, BG87532

Sampling Date(s): 8/4/2014

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15

☑ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☐ Yes ☑ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☑ Yes ☐ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No ☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☑ Yes ☐ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Date: Wednesday, August 13, 2014

Authorized Signature: Kathleen Cressia

Printed Name: Kathleen Cressia

Position: QA/QC Officer

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NY # 11301

RCP Certification Report

August 13, 2014

SDG I.D.: GBG87509

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 08/11/14-1 (BG87521)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Au-ecd24 08/11/14-1 (BG87519, BG87520, BG87531, BG87532)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Au-ecd3 08/11/14-1 (BG87511, BG87512, BG87513)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Au-ecd48 08/11/14-1 (BG87523)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

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RCP Certification Report

August 13, 2014

SDG I.D.: GBG87509

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Au-ecd8 08/11/14-1 (BG87517, BG87524, BG87525, BG87526, BG87527, BG87528, BG87529, BG87530)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Au-ecd8 08/12/14-1 (BG87522)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/12/2014

Instrument: Ecd_cart 2 08/11/14-1 (BG87510, BG87511, BG87514, BG87515, BG87516, BG87517, BG87518)

Printed Name Adam Werner
Position: Chemist
Date: 8/11/2014

Instrument: Ecd_cart 2 08/12/14-1 (BG87509)

Printed Name Adam Werner
Position: Chemist
Date: 8/12/2014

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Environmental Laboratories, Inc.
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RCP Certification Report

August 13, 2014

SDG I.D.: GBG87509

QC (Site Specific)

---------- Sample No: BG87511, QA/QC Batch: 282768 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BG87517, QA/QC Batch: 282769 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

---------- Sample No: BG87495, QA/QC Batch: 282827 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples in this delivery group were received at 20°C.
(Note acceptance criteria is above freezing up to 6°C)

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH
NY # 11301

RCP Certification Report

August 13, 2014

SDG I.D.: GBG87509

20°C ice

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Hartford Road, Manchester, CT 06040
56 Quarry Road, Trumbull, CT 06611
1419 Richland Street, Columbia, SC 29201
78 Interstate Drive, West Springfield, MA 01089
50 Redfield Street, Suite 100, Boston, MA
317 Iron Horse Way, Suite 204, Providence, RI 02908
80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1666

1 Day* 3 Days* Other _____ (days)
2 Days* Standard (5 days) *Surcharge Applies

PROJECT NAME: CREC Discovery Academy
PROJECT LOCATION:
PROJECT NUMBER: 20110979.A2E
LABORATORY: Phoenix

REPORT TO: Kathleen Panie katepanie@fando.com
INVOICE TO: Sarah Owen
P.O. NO.: 20110979.A2E
Sampler's Signature: KAM Date: 8/4/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other

Analysis Request

Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA8082 PCB, 3540C Soxhlet	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
					KR-A12	S	8/4/14	1215	X			X									87509
					B12			1220													87510
					C12			1222													87511
					D12			1223													87512
					E12			1225													87513
					KR-F12	S	8/4/14	1226	X			X									87514
					G12			1227													87515
					H12			1229													87516
					I12			1230													87517
					KR-J12			1232													87518

Transfer Number	Relinquished By	Accepted By	Date	Time
1	KAM	[signature]	8/4/14	1640
2				
3				
4				

Reporting and Detection Limit Requirements: RL ≤ 1mg/kg EPA8082 PCB's, 3540C Soxhlet

Additional Comments:

20°C w/c ice

[redacted]

[redacted] & O'NEILL ENVIROSCIENCE, LLC
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☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 50 Redfield Street, Suite 100, Boston, [redacted]
☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1667

[redacted]

☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☒ Standard (5 days) *Surcharge Applies

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
CREL Discovery Academy	Garage Area	20110979.A2E	Phoenix

REPORT TO: see pg 1
INVOICE TO:
P.O. NO.:
Sampler's Signature: KAnd Date: 8/4/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request

Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA 8082 PCBs, 3540 C Soxhlet	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	Glass Soil Container (✓) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
					KR- K12	S	8/4/14	1240	X				X								87519
					L12			1242													87520
					M12			1243													87521
Ø					~~N12~~					NO SAMPLE											
Ø					~~O12~~					NO SAMPLE											
Ø					~~KR- P12~~	S	8/4/14		X	NO SAMPLE			X								
					Q12			1245													87522
					R12			1247													87523
					S12A																87524
					KR- S12B																87525

Transfer Number	Relinquished By	Accepted By	Date	Time
1	KAnd	THWelle	8/4/14	1640
2				
3				
4				

Reporting and Detection Limit Requirements:
RL ≤ 1mg/kg EPA 8082 PCB, 3540C Soxhlet

Additional Comments:

20°C Wicice

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☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1507

☐ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☒ Standard (5 days) *Surcharge Applies

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
CREC Discovery Academy	Garage Area	20110979.A2E	Phoenix

REPORT TO: see pg 1
INVOICE TO:
P.O. NO.:

Sampler's Signature: KAnd Date: 8/4/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other

Analysis Request

Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA8082PCBs, 3540C Soxhlet	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water [ ] $Na(SO_4)_2$	Glass Soil Container (X) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
					KR - T 12	S	8/4/14	1250	X			X									87526
					U 12			1251													87527
					V 12			1252													87528
					W 12			1254													87529
					KR - X 12	S	8/4/14	1303	X			X									87530
					Y 12			1304													87531
					Z 12			1305	X			X									87532

8/4/14 [signature]

Transfer Number	Relinquished By	Accepted By	Date	Time
1	KAnd	[signature]	8/4/14	10:40
2				
3				
4				

Reporting and Detection Limit Requirements: RLL 1mg/kg EPA8082 PCB's, 3540C Soxhlet

Additional Comments:

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 12, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/07/14	9:17
Location Code:	F&OENVIRPCB	Received by:	SW	08/07/14	11:15
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG89555
Phoenix ID: BG89556

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-E3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	08/07/14	I	E160.3
Extraction for PCB	Completed			08/07/14	PT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/08/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	89		%	08/08/14	AW	30 - 150 %
% TCMX	97		%	08/08/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-E3

Phoenix I.D.: BG89556

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
August 12, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 12, 2014

FOR: Attn: Ms Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/07/14	9:19
Location Code:	F&OENVIRPCB	Received by:	SW	08/07/14	11:15
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG89555
Phoenix ID: BG89557

Project ID: CREC DISCOVERY ACADEMY
Client ID: KR-H2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	08/07/14	I	E160.3
Extraction for PCB	Completed			08/07/14	PT/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	08/08/14	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	08/08/14	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	08/08/14	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	08/08/14	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	08/08/14	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	08/08/14	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	08/08/14	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	08/08/14	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	08/08/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	84		%	08/08/14	AW	30 - 150 %
% TCMX	94		%	08/08/14	AW	30 - 150 %

Garage 5x5 grid
Q1 → Q7
to Z1 → Z7

PHOENIX
Environmental Laboratories, Inc.

Monday, August 11, 2014

Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Project ID: DISCOVERY ACADEMY
Sample ID#s: BG85370 - BG85443

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

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Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85370

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Q1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	109		%	08/05/14	AW	30 - 150 %
% TCMX	103		%	08/05/14	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 11, 2014
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85371

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Q2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	115		%	08/05/14	AW	30 - 150 %
% TCMX	112		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Q2

Phoenix I.D.: BG85371

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 11, 2014
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85372

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Q3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	133		%	08/05/14	AW	30 - 150 %
% TCMX	113		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Q3

Phoenix I.D.: BG85372

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 11, 2014
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85373

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Q4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	125		%	08/05/14	AW	30 - 150 %
% TCMX	110		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Q4

Phoenix I.D.: BG85373

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 11, 2014
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Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85374

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Q5

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	144		%	08/05/14	AW	30 - 150 %
% TCMX	111		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Q5

Phoenix I.D.: BG85374

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 11, 2014
Reviewed and Released by: Ethan Lee, Project Manager

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85375

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Q6

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	141		%	08/05/14	AW	30 - 150 %
% TCMX	76		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Q6

Phoenix I.D.: BG85375

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 11, 2014
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85376

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Q7

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	138		%	08/05/14	AW	30 - 150 %
% TCMX	108		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Q7

Phoenix I.D.: BG85376

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 11, 2014
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Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85377

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG R1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	133		%	08/05/14	AW	30 - 150 %
% TCMX	120		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG R1

Phoenix I.D.: BG85377

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85378

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG R2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	124		%	08/05/14	AW	30 - 150 %
% TCMX	109		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG R2

Phoenix I.D.: BG85378

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 11, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85379

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG R3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	08/06/14	AW	30 - 150 %
% TCMX	108		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG R3

Phoenix I.D.: BG85379

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85380

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG R4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	114		%	08/05/14	AW	30 - 150 %
% TCMX	107		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG R4

Phoenix I.D.: BG85380

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85381

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG R5A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	77		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.42	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.42	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.42	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.42	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.42	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.42	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.42	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.42	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.42	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	104		%	08/05/14	AW	30 - 150 %
% TCMX	94		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG R5A

Phoenix I.D.: BG85381

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85382

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG R5B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	105		%	08/05/14	AW	30 - 150 %
% TCMX	99		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG R5B

Phoenix I.D.: BG85382

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85383

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG R6

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	118		%	08/05/14	AW	30 - 150 %
% TCMX	111		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG R6

Phoenix I.D.: BG85383

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 11, 2014

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145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85384

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG R7

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	106		%	08/05/14	AW	30 - 150 %
% TCMX	99		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG R7

Phoenix I.D.: BG85384

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85385

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG S1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	107		%	08/05/14	AW	30 - 150 %
% TCMX	106		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG S1

Phoenix I.D.: BG85385

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85386

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG S2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	105		%	08/05/14	AW	30 - 150 %
% TCMX	106		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG S2

Phoenix I.D.: BG85386

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85387

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG S3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	119		%	08/05/14	AW	30 - 150 %
% TCMX	105		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG S3

Phoenix I.D.: BG85387

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 11, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85388

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG S4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	120		%	08/05/14	AW	30 - 150 %
% TCMX	112		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG S4

Phoenix I.D.: BG85388

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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August 11, 2014

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145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85389

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG S5

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	130		%	08/05/14	AW	30 - 150 %
% TCMX	113		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG S5

Phoenix I.D.: BG85389

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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FOR: Attn: Ms. Kathleen Pane
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145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85390

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG S6

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	122		%	08/05/14	AW	30 - 150 %
% TCMX	110		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG S6

Phoenix I.D.: BG85390

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 11, 2014

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145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85391

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG S7

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	85		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	121		%	08/05/14	AW	30 - 150 %
% TCMX	106		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG S7

Phoenix I.D.: BG85391

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85392

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG T1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	125		%	08/05/14	AW	30 - 150 %
% TCMX	114		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG T1

Phoenix I.D.: BG85392

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85393

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG T2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	132		%	08/05/14	AW	30 - 150 %
% TCMX	117		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG T2

Phoenix I.D.: BG85393

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85394

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG T3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	127		%	08/05/14	AW	30 - 150 %
% TCMX	111		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG T3

Phoenix I.D.: BG85394

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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August 11, 2014

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145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85395

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG T4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	112		%	08/05/14	AW	30 - 150 %
% TCMX	110		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG T4

Phoenix I.D.: BG85395

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85396

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG T5

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	117		%	08/05/14	AW	30 - 150 %
% TCMX	112		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG T5

Phoenix I.D.: BG85396

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 11, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85397

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG T6

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	109		%	08/05/14	AW	30 - 150 %
% TCMX	106		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG T6

Phoenix I.D.: BG85397

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85398

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG T7

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	128		%	08/05/14	AW	30 - 150 %
% TCMX	109		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG T7

Phoenix I.D.: BG85398

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85399

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG U1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	07/31/14	I	E160.3
Soxhlet Extraction for PCB	Completed			08/01/14	*/*	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	121		%	08/05/14	AW	30 - 150 %
% TCMX	104		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG U1

Phoenix I.D.: BG85399

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85400

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG U2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/03/14	QT/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	114		%	08/05/14	AW	30 - 150 %
% TCMX	100		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG U2

Phoenix I.D.: BG85400

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85401

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG U3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/03/14	QT/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.41	mg/kg	08/05/14	AW	3540C/8082
PCB-1221	ND	0.41	mg/kg	08/05/14	AW	3540C/8082
PCB-1232	ND	0.41	mg/kg	08/05/14	AW	3540C/8082
PCB-1242	ND	0.41	mg/kg	08/05/14	AW	3540C/8082
PCB-1248	ND	0.41	mg/kg	08/05/14	AW	3540C/8082
PCB-1254	ND	0.41	mg/kg	08/05/14	AW	3540C/8082
PCB-1260	ND	0.41	mg/kg	08/05/14	AW	3540C/8082
PCB-1262	ND	0.41	mg/kg	08/05/14	AW	3540C/8082
PCB-1268	ND	0.41	mg/kg	08/05/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	111		%	08/05/14	AW	30 - 150 %
% TCMX	91		%	08/05/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG U3

Phoenix I.D.: BG85401

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85402

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG U4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	99		%	08/06/14	AW	30 - 150 %
% TCMX	98		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG U4

Phoenix I.D.: BG85402

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85403

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG U5

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.41	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.41	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.41	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.41	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.41	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.41	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.41	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.41	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.41	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	95		%	08/06/14	AW	30 - 150 %
% TCMX	92		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG U5

Phoenix I.D.: BG85403

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85404

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG U6A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	08/06/14	AW	30 - 150 %
% TCMX	98		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG U6A

Phoenix I.D.: BG85404

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85405

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG U6B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	101		%	08/06/14	AW	30 - 150 %
% TCMX	99		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG U6B

Phoenix I.D.: BG85405

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85406

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG U7

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	82		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	08/07/14	AW	30 - 150 %
% TCMX	97		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG U7

Phoenix I.D.: BG85406

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 11, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85407

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG V1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	0.44	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	96		%	08/07/14	AW	30 - 150 %
% TCMX	97		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG V1

Phoenix I.D.: BG85407

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85408

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG V2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	08/07/14	AW	30 - 150 %
% TCMX	99		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG V2

Phoenix I.D.: BG85408

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85409

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG V3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	98		%	08/07/14	AW	30 - 150 %
% TCMX	94		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG V3

Phoenix I.D.: BG85409

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85410

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG V4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	101		%	08/06/14	AW	30 - 150 %
% TCMX	96		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG V4

Phoenix I.D.: BG85410

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85411

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG V5

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	106		%	08/06/14	AW	30 - 150 %
% TCMX	97		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG V5

Phoenix I.D.: BG85411

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85412

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG V6

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	101		%	08/07/14	AW	30 - 150 %
% TCMX	98		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG V6

Phoenix I.D.: BG85412

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85413

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG V7

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	101		%	08/06/14	AW	30 - 150 %
% TCMX	95		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG V7

Phoenix I.D.: BG85413

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85414

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG W1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	107		%	08/07/14	AW	30 - 150 %
% TCMX	101		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG W1

Phoenix I.D.: BG85414

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85415

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG W2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	08/07/14	AW	30 - 150 %
% TCMX	96		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG W2

Phoenix I.D.: BG85415

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 11, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85416

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG W3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	106		%	08/07/14	AW	30 - 150 %
% TCMX	95		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG W3

Phoenix I.D.: BG85416

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 11, 2014

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145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85417

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG W4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	101		%	08/07/14	AW	30 - 150 %
% TCMX	97		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG W4

Phoenix I.D.: BG85417

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85418

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG W5

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	107		%	08/07/14	AW	30 - 150 %
% TCMX	98		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG W5

Phoenix I.D.: BG85418

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 11, 2014

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Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85419

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG W6

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	08/07/14	AW	30 - 150 %
% TCMX	96		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG W6

Phoenix I.D.: BG85419

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

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145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85420

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG W7

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	105		%	08/07/14	AW	30 - 150 %
% TCMX	98		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG W7

Phoenix I.D.: BG85420

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85421

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG X1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	TP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	103		%	08/06/14	AW	30 - 150 %
% TCMX	100		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG X1

Phoenix I.D.: BG85421

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 11, 2014

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145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85422

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG X2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Percent Solid	89		%	07/31/14	I	E160.3	
Extraction for PCB	Completed			08/04/14	TP/W	SW3540C	
PCB (Soxhlet)							
PCB-1016	ND	0.36	mg/kg	08/06/14	AW	3540C/8082	
PCB-1221	ND	0.36	mg/kg	08/06/14	AW	3540C/8082	
PCB-1232	ND	0.36	mg/kg	08/06/14	AW	3540C/8082	
PCB-1242	ND	0.36	mg/kg	08/06/14	AW	3540C/8082	
PCB-1248	ND	0.36	mg/kg	08/06/14	AW	3540C/8082	
PCB-1254	ND	0.36	mg/kg	08/06/14	AW	3540C/8082	
PCB-1260	ND	0.36	mg/kg	08/06/14	AW	3540C/8082	
PCB-1262	ND	0.36	mg/kg	08/06/14	AW	3540C/8082	
PCB-1268	ND	0.36	mg/kg	08/06/14	AW	3540C/8082	
QA/QC Surrogates							
% DCBP	157		%	08/06/14	AW	30 - 150 %	3
% TCMX	89		%	08/06/14	AW	30 - 150 %	

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG X2

Phoenix I.D.: BG85422

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

PCB Comment:
For PCBs, Surrogate recoveries were >150%. Sample was non detect.

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August 11, 2014
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Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85423

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG X3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/04/14	TP/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	111		%	08/06/14	AW	30 - 150 %
% TCMX	90		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG X3

Phoenix I.D.: BG85423

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85424

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG X4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/04/14	TP/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	115		%	08/06/14	AW	30 - 150 %
% TCMX	90		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG X4

Phoenix I.D.: BG85424

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 11, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85425

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG X5

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	PP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	0.41	0.35	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	115		%	08/06/14	AW	30 - 150 %
% TCMX	99		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG X5

Phoenix I.D.: BG85425

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85426

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG X6

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	PP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	119		%	08/06/14	AW	30 - 150 %
% TCMX	97		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG X6

Phoenix I.D.: BG85426

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85427

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG X7A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	PP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	08/06/14	AW	30 - 150 %
% TCMX	85		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG X7A

Phoenix I.D.: BG85427

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85428

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG X7B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	PP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	118		%	08/06/14	AW	30 - 150 %
% TCMX	91		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG X7B

Phoenix I.D.: BG85428

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85429

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Y1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	PP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	08/07/14	AW	30 - 150 %
% TCMX	103		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Y1

Phoenix I.D.: BG85429

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85430

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Y2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	PP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	08/06/14	AW	30 - 150 %
% TCMX	98		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Y2

Phoenix I.D.: BG85430

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85431

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Y3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	PP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	0.36	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	117		%	08/06/14	AW	30 - 150 %
% TCMX	91		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Y3

Phoenix I.D.: BG85431

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85432

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Y4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	PP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	136		%	08/06/14	AW	30 - 150 %
% TCMX	98		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Y4

Phoenix I.D.: BG85432

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85433

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Y5

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	PP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	122		%	08/06/14	AW	30 - 150 %
% TCMX	99		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Y5

Phoenix I.D.: BG85433

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85434

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Y6

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/05/14	PP/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/06/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	122		%	08/06/14	AW	30 - 150 %
% TCMX	99		%	08/06/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Y6

Phoenix I.D.: BG85434

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 11, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 11, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85435

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Y7

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/06/14	PP/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	1.1	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	112		%	08/07/14	AW	30 - 150 %
% TCMX	101		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Y7

Phoenix I.D.: BG85435

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

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Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85436

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Z1A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/06/14	PP/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	116		%	08/07/14	AW	30 - 150 %
% TCMX	91		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Z1A

Phoenix I.D.: BG85436

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85437

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Z1B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/06/14	PP/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	119		%	08/07/14	AW	30 - 150 %
% TCMX	97		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Z1B

Phoenix I.D.: BG85437

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

August 11, 2014

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145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85438

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Z2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/06/14	PP/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	105		%	08/07/14	AW	30 - 150 %
% TCMX	101		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Z2

Phoenix I.D.: BG85438

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85439

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Z3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/06/14	PP/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	08/07/14	AW	30 - 150 %
% TCMX	102		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Z3

Phoenix I.D.: BG85439

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 11, 2014

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Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85440

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Z4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/06/14	PP/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	0.52	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	08/07/14	AW	30 - 150 %
% TCMX	103		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Z4

Phoenix I.D.: BG85440

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85441

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Z5

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/06/14	PP/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	0.62	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	08/07/14	AW	30 - 150 %
% TCMX	106		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Z5

Phoenix I.D.: BG85441

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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August 11, 2014

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145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85442

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Z6

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/06/14	PP/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	111		%	08/07/14	AW	30 - 150 %
% TCMX	98		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Z6

Phoenix I.D.: BG85442

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Matrix:	SOLID	Collected by:		07/31/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	07/31/14	15:33
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG85370
Phoenix ID: BG85443

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Z7

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	07/31/14	I	E160.3
Extraction for PCB	Completed			08/06/14	P/K/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/07/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	115		%	08/07/14	AW	30 - 150 %
% TCMX	94		%	08/07/14	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: GARAGE AREA BG Z7

Phoenix I.D.: BG85443

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
August 11, 2014
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
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QA/QC Report

August 11, 2014

QA/QC Data

SDG I.D.: GBG85370

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 282090, QC Sample No: BG85252 (BG85370, BG85371, BG85372, BG85373, BG85374, BG85375, BG85376, BG85377, BG85378, BG85379)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	90	89	1.1				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	84	81	3.6				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	115	116	113	2.6				30 - 150	30
% TCMX (Surrogate Rec)	116	114	112	1.8				30 - 150	30

Comment:

Due to the presence of pcb in the unspiked sample, the MS/MSD was not reported.

QC apears to be spiked with 0.25ml of pcb spike. Recoveries were calculated based on this value. -aw

QA/QC Batch 282092, QC Sample No: BG85382 (BG85380, BG85381, BG85382, BG85383, BG85384, BG85385, BG85386, BG85387, BG85388, BG85389, BG85390, BG85391, BG85392, BG85393, BG85394, BG85395, BG85396, BG85397, BG85398, BG85399)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	108	109	0.9	102	105	2.9	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	110	111	0.9	105	110	4.7	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	122	120	120	0.0	116	120	3.4	30 - 150	30
% TCMX (Surrogate Rec)	116	112	114	1.8	106	110	3.7	30 - 150	30

Comment:

QC apears to be spiked with 0.25ml of pcb spike. Recoveries were calculated based on this value. -aw

QA/QC Batch 282045, QC Sample No: BG85400 (BG85400, BG85401)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	94	93	1.1	84	91	8.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30

QA/QC Data

SDG I.D.: GBG85370

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
PCB-1260	ND	96	94	2.1	92	93	1.1	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	106	106	101	4.8	100	99	1.0	30 - 150	30
% TCMX (Surrogate Rec)	99	101	96	5.1	87	93	6.7	30 - 150	30

QA/QC Batch 282136, QC Sample No: BG85417 (BG85402, BG85403, BG85404, BG85405, BG85406, BG85407, BG85408, BG85409, BG85410, BG85411, BG85412, BG85413, BG85414, BG85415, BG85416, BG85417, BG85418, BG85419, BG85420, BG85421)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	91	87	4.5	86	90	4.5	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	83	78	6.2	82	87	5.9	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	100	103	98	5.0	98	101	3.0	30 - 150	30
% TCMX (Surrogate Rec)	90	99	98	1.0	95	99	4.1	30 - 150	30

QA/QC Batch 282165, QC Sample No: BG85422 (BG85422, BG85423, BG85424, BG85425, BG85426, BG85427, BG85428, BG85429, BG85430, BG85431, BG85432, BG85433, BG85434)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	89	97	8.6				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	98	108	9.7				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	106	109	120	9.6				30 - 150	30
% TCMX (Surrogate Rec)	105	98	106	7.8				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 282369, QC Sample No: BG85442 (BG85438, BG85439, BG85440, BG85441, BG85442)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	94	93	1.1	94	102	8.2	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	96	94	2.1	103	116	11.9	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	113	113	112	0.9	112	108	3.6	30 - 150	30
% TCMX (Surrogate Rec)	95	99	98	1.0	95	97	2.1	30 - 150	30

QA/QC Data

SDG I.D.: GBG85370

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 282371, QC Sample No: BG86092 (BG85443)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	100	97	3.0	100	98	2.0	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	104	103	1.0	106	105	0.9	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	110	117	118	0.9	119	120	0.8	30 - 150	30
% TCMX (Surrogate Rec)	91	96	92	4.3	96	95	1.0	30 - 150	30
QA/QC Batch 282364, QC Sample No: BG88549 (BG85435, BG85436, BG85437)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	91	90	1.1	92	91	1.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	95	97	2.1	103	98	5.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	119	104	105	1.0	104	103	1.0	30 - 150	30
% TCMX (Surrogate Rec)	103	93	96	3.2	99	99	0.0	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
August 11, 2014

Monday, August 11, 2014

Criteria: None

State: CT

Sample Criteria Exceedences Report

GBG85370 - FOENVIRPCB

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** Fuss & O'Neill EnviroScience, LLC

Project Location: DISCOVERY ACADEMY **Project Number:**

Laboratory Sample ID(s): BG85370, BG85371, BG85372, BG85373, BG85374, BG85375, BG85376, BG85377, BG85378, BG85379, BG85380, BG85381, BG85382, BG85383, BG85384, BG85385, BG85386, BG85387, BG85388, BG85389, BG85390, BG85391, BG85392, BG85393, BG85394, BG85395, BG85396, BG85397, BG85398, BG85399, BG85400, BG85401, BG85402, BG85403, BG85404, BG85405, BG85406, BG85407, BG85408, BG85409, BG85410, BG85411, BG85412, BG85413, BG85414, BG85415, BG85416, BG85417, BG85418, BG85419, BG85420, BG85421, BG85422, BG85423, BG85424, BG85425, BG85426, BG85427, BG85428, BG85429, BG85430, BG85431, BG85432, BG85433, BG85434, BG85435, BG85436, BG85437, BG85438, BG85439, BG85440, BG85441, BG85442, BG85443

Sampling Date(s): 7/31/2014

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15

☑ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☐ Yes ☑ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Section: PCB Narration.	☐ Yes ☑ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☑ Yes ☐ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No ☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☑ Yes ☐ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Ethan Lee

Date: Monday, August 11, 2014

Printed Name: Ethan Lee

Position: Project Manager

Nov 2007

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RCP Certification Report

August 11, 2014

SDG I.D.: GBG85370

The samples were received by the laboratory at a temperature of 19 degrees C with cooling initiated. No significant bias is suspected.

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

BG85422 - The surrogate recovery exceeds the method criteria for %DCBP. PCBs were not reported in this sample and the other surrogate was acceptable, therefore no significant bias is suspected.

Instrument: Au-ecd1 08/04/14-1 (BG85372, BG85373, BG85374, BG85375, BG85376, BG85377, BG85378, BG85398, BG85399)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/4/2014

Instrument: Au-ecd1 08/05/14-1 (BG85422)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/5/2014

Instrument: Au-ecd1 08/06/14-1 (BG85422, BG85423, BG85424, BG85425, BG85426, BG85427, BG85428, BG85431, BG85432, BG85433, BG85434)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/6/2014

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August 11, 2014

SDG I.D.: GBG85370

Instrument: Au-ecd1 08/07/14-1 (BG85436, BG85437)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/7/2014

Instrument: Au-ecd24 08/04/14-1 (BG85395, BG85396, BG85397)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/4/2014

Instrument: Au-ecd24 08/06/14-1 (BG85402, BG85403, BG85404, BG85405, BG85406, BG85407, BG85408, BG85409, BG85421, BG85430)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/6/2014

Instrument: Au-ecd24 08/07/14-1 (BG85438, BG85439, BG85440, BG85441)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/7/2014

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SDG I.D.: GBG85370

Instrument: Au-ecd3 08/04/14-1 (BG85387, BG85388, BG85389, BG85390, BG85391)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/4/2014

Instrument: Au-ecd3 08/06/14-1 (BG85411, BG85429)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/6/2014

Instrument: Au-ecd48 08/04/14-1 (BG85382, BG85383, BG85384, BG85385, BG85386)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/4/2014

Instrument: Au-ecd48 08/05/14-1 (BG85379)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/5/2014

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RCP Certification Report

August 11, 2014

SDG I.D.: GBG85370

Instrument: Au-ecd48 08/06/14-1 (BG85417)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/6/2014

Instrument: Au-ecd5 08/04/14-1 (BG85370, BG85371)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/4/2014

Instrument: Au-ecd5 08/07/14-1 (BG85442, BG85443)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/7/2014

Instrument: Au-ecd6 08/04/14-1 (BG85380, BG85381, BG85382, BG85400)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/4/2014

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August 11, 2014

SDG I.D.: GBG85370

Instrument: Au-ecd8 08/04/14-1 (BG85392, BG85393, BG85394, BG85400, BG85401)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/4/2014

Instrument: Au-ecd8 08/05/14-1 (BG85422)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/5/2014

Instrument: Au-ecd8 08/07/14-1 (BG85435)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/7/2014

Instrument: Ecd_cart 2 08/06/14-1 (BG85410, BG85412, BG85413, BG85414, BG85415, BG85416, BG85417, BG85418, BG85419, BG85420)

Printed Name Adam Werner
Position: Chemist
Date: 8/6/2014

Instrument: Ecd_cart 2 08/07/14-1 (BG85442)

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August 11, 2014

SDG I.D.: GBG85370

Printed Name	Adam Werner
Position:	Chemist
Date:	8/7/2014

QC Comments: QC Batch 282165 08/04/14 (BG85422, BG85423, BG85424, BG85425, BG85426, BG85427, BG85428, BG85429, BG85430, BG85431, BG85432, BG85433, BG85434)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QC Comments: QC Batch 282090 08/04/14 (BG85370, BG85371, BG85372, BG85373, BG85374, BG85375, BG85376, BG85377, BG85378, BG85379)

Due to the presence of pcb in the unspiked sample, the MS/MSD was not reported.

QC apears to be spiked with 0.25ml of pcb spike. Recoveries were calculated based on this value. -aw

QC Comments: QC Batch 282092 08/04/14 (BG85380, BG85381, BG85382, BG85383, BG85384, BG85385, BG85386, BG85387, BG85388, BG85389, BG85390, BG85391, BG85392, BG85393, BG85394, BG85395, BG85396, BG85397, BG85398, BG85399)

QC apears to be spiked with 0.25ml of pcb spike. Recoveries were calculated based on this value. -aw

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RCP Certification Report

August 11, 2014

SDG I.D.: GBG85370

QC (Site Specific)

---------- Sample No: BG85382, QA/QC Batch: 282092 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BG85400, QA/QC Batch: 282045 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BG85417, QA/QC Batch: 282136 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BG85422, QA/QC Batch: 282165 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

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RCP Certification Report

August 11, 2014

SDG I.D.: GBG85370

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BG85442, QA/QC Batch: 282369 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

---------- Sample No: BG85252, QA/QC Batch: 282090 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BG86092, QA/QC Batch: 282371 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

---------- Sample No: BG88549, QA/QC Batch: 282364 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 19C with cooling initiated.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH
NY # 11301

RCP Certification Report

August 11, 2014

SDG I.D.: GBG85370

(Note acceptance criteria is above freezing up to 6°C)

19°C WIC
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CHAIN-OF-CUSTODY RECORD 1397

☐ 1 Day* ☐ 3 Days* ☑ Other 5 (days)
☐ 2 Days* ☐ Standard (____ days) *Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
Discovery Academy	176 Cumberland Ave Wethersfield, CT	20110979.A2E	Phoenix

Report To: Kathleen Punc
Invoice To: Sarah Owens
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 7/31/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request: EPA 8082/SOXHLET

Containers: Soil VOA Vial, [ ] methanol; Soil VOA Vial, [ ] water; Glass Soil Container (4) oz; Glass Soil Container ( ) oz; Other: Water VOA Vial, [ ] As is [ ] HCl; Glass Amber ( ) mL, [ ] As is [ ] As is [ ] H_2SO_4; Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml; Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml; Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered; Plastic - NaOH, 250 ml

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA 8082/SOXHLET	Soil VOA Vial	Soil VOA Vial	Glass Soil Container (4) oz	Glass Soil Container	Other	Water VOA Vial	Glass Amber	Plastic	Plastic	Plastic	Plastic	Comments
1					Grange area - B6 - Q1	S	7/31/14		✓			1									85370
2					- Q2	↓	↓		✓			1									85371
3					- Q3				✓			1									85372
4					- Q4				✓			1									85373
5					- Q5				✓			1									85374
6					- Q6				✓			1									85375
7					- Q7				✓			1									85376
8					- R1				✓			1									85377
9					- R2				✓			1									85378
10					- R3				✓			1									85379

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	7/31/14	15:33
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments:

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- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1375

☐ 1 Day* ☐ 3 Days* ☑ Other 5 (days)
☐ 2 Days* ☐ Standard (____ days) *Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
Discovery Academy	176 Cumberland Ave Wethersfield, CT	20110979.A2E	Phoenix

REPORT TO: Kathleen Pune
INVOICE TO: Sarah Owens
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 7/31/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request / Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA 3082/SOXHLET	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
11					Garage area - BG - R4	S	7/31/14		/			1									85380
12					-R5A				/			1									85381
13					-R5B				/			1									85382
14					-R6				/			1									85383
15					-R7				/			1									85384
16					-S1				/			1									85385
17					-S2				/			1									85386
18					-S3				/			1									85387
19					-S4				/			1									85388
20					-S5				/			1									85389

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	7/31/14	15:33
2				
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Reporting and Detection Limit Requirements:

Additional Comments:

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CHAIN-OF-CUSTODY RECORD 1376

☐ 1 Day* ☐ 3 Days* ☑ Other 5 (days)
☐ 2 Days* ☐ Standard (____ days) *Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
Discovery Academy	176 Cumberland Ave Wethersfield, CT	20110979.A2E	Phoenix

Report To: Kathleen Punc
Invoice To: Sarah Owens
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 7/31/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request / Containers

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA 8082/SDXHLET	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	Glass Soil Container [ ] $Na(SO_4)_2$	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) mL [ ] As is [ ] H_2SO_4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
21					Grange area-BL-S6	S	7/31/14		/				1									85390
22					-S7				/				1									85391
23					-T1				/				1									85392
24					-T2				/				1									85393
25					-T3				/				1									85394
26					-T4				/				1									85395
27					-T5				/				1									85396
28					-T6				/				1									85397
29					-T7				/				1									85398
30					-U1				/				1									85399

Transfer Number	Relinquished By	Accepted By	Date	Time
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2				
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Reporting and Detection Limit Requirements:

Additional Comments:

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CHAIN-OF-CUSTODY RECORD 1377

☐ 1 Day* ☐ 3 Days* ☑ Other 5 (days)
☐ 2 Days* ☐ Standard (____ days) *Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
Discovery Academy	176 Cumberland Ave Wethersfield, CT	20110979.A2E	Phoenix

Report To: Kathleen Pure
Invoice To: Sarah Owens
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 7/31/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request: EPA 8082/SOXHLET

Containers: Soil VOA Vial, [ ] methanol; Soil VOA Vial, [ ] water; Glass Soil Container (4) oz; Glass Soil Container ( ) oz; Other: Water VOA Vial, [ ] As is [ ] HCl; Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4; Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml; Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml; Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered; Plastic - NaOH, 250 ml

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA 8082/SOXHLET	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
31					Garage area -BG- U2	S	7/31/14		/			1									85400
32					-U3	↓	↓		/			1									85401
33					-U4				/			1									85402
34					-U5				/			1									85403
35					-U6A				/			1									85404
36					-U6B				/			1									85405
37					-U7				/			1									85406
38					-V1				/			1									85407
39					-V2				/			1									85408
40					-V3				/			1									85409

Transfer Number	Relinquished By	Accepted By	Date	Time
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Reporting and Detection Limit Requirements:

Additional Comments:

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CHAIN-OF-CUSTODY RECORD 1378

☐ 1 Day* ☐ 3 Days* ☑ Other 5 (days)
☐ 2 Days* ☐ Standard (____ days) *Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
Discovery Academy	176 Cumberland Ave, Wethersfield, CT	20110979.A2E	Phoenix

Report To: Kathleen Prunz
Invoice To: Sarah Owens
P.O. No.: 20110979.A2E
Sampler's Signature: Date:

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request: EPA 8082/SOXHLET

Containers: Soil VOA Vial, [ ] methanol; Soil VOA Vial, [ ] water; Glass Soil Container (4) oz; Glass Soil Container ( ) oz; Other; Water VOA Vial, [ ] As is [ ] HCl; Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4; Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml; Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml; Plastic - HNO_3, 250 ml; Plastic - NaOH, 250 ml [ ] Filtered [ ] Unfiltered

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA 8082/SOXHLET	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml	Plastic - NaOH, 250 ml [ ] Filtered [ ] Unfiltered	Comments
41					Grange Area-B6-V4	S	7/31/14		✓			1									85410
42					-V5	↓	↓		✓			1									85411
43					-V6				✓			1									85412
44					-V7				✓			1									85413
45					-W1				✓			1									85414
46					-W2				✓			1									85415
47					-W3				✓			1									85416
48					-W4				✓			1									85417
49					-W5				✓			1									85418
50					-W6				✓			1									85419

Transfer Number	Relinquished By	Accepted By	Date	Time
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2				
3				
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Reporting and Detection Limit Requirements:

Additional Comments:

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1P

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CHAIN-OF-CUSTODY RECORD 1379

☐ 1 Day* ☐ 3 Days* ☑ Other 5 (days)
☐ 2 Days* ☐ Standard (____ days) *Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
Discovery Acudemy	176 Cumberland Ave Wethersfield, CT	20110979.A2E	Phoenix

Report To: Kathleen Pure
Invoice To: Sarah Owens
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 7/31/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request: EPA 8082/SOXHLET

Containers: Soil VOA Vial, [ ] methanol; Soil VOA Vial, [ ] water; Glass Soil Container (4) oz; Glass Soil Container ( ) oz; Other: Water VOA Vial, [ ] As is [ ] HCl; Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4; Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml; Plastic - H_2SO_4, [ ] 250 ml [ ] 500 [ ] 1500 ml; Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered; Plastic - NaOH, 250 ml

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA 8082/SOXHLET	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other:	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 [ ] 1500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
51					Garage area-B6-W7	S	7/31/14		✓			1									85420
52					-X1	↓	↓		✓			1									85421
53					-X2				✓			1									85422
54					-X3				✓			1									85423
55					-X4				✓			1									85424
56					-X5				✓			1									85425
57					-X6				✓			1									85426
58					-X7A				✓			1									85427
59					-X7B				✓			1									85428
60					-Y1				✓			1									85429

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	7/31/14	15:33
2				
3				
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Reporting and Detection Limit Requirements:

Additional Comments:

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CHAIN-OF-CUSTODY RECORD 1380

☐ 1 Day* ☐ 3 Days* ☑ Other 5 (days)
☐ 2 Days* ☐ Standard (____ days) *Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
Discovery Academy	176 Cumberland Ave Wethersfield, CT	20110979. AZE	Phoenix

Report To: Kathleen Pane
Invoice To: Sarah Owens
P.O. No.: 20110979. AZE
Sampler's Signature: [signature] Date: 7/31/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request: EPA 8082/SOXHLET

Containers: Soil VOA Vial, [ ] methanol; Soil VOA Vial, [ ] water; Glass Soil Container (4) oz; Glass Soil Container ( ) oz; Other: [ ] $Na(SO_4)_2$; Water VOA Vial, [ ] As is, [ ] HCl; Glass Amber ( ) mL, [ ] As is, [ ] H_2SO_4; Plastic - As is, [ ] 250 ml, [ ] 500 ml, [ ] 1000 ml; Plastic - H_2SO_4, [ ] 250 ml, [ ] 500 ml; Plastic - HNO_3, 250 ml, [ ] Filtered, [ ] Unfiltered; Plastic - NaOH, 250 ml

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA 8082/SOXHLET	Soil VOA Vial	Soil VOA Vial	Glass Soil Container (4) oz	Glass Soil Container	Other	Water VOA Vial	Glass Amber	Plastic	Plastic	Plastic	Plastic	Comments
61					Grange area - B6-Y2	S	7/31/14		✓			1									85430
62					-Y3	↓	↓		✓			1									85431
63					-Y4				✓			1									85432
64					-Y5				✓			1									85433
65					-Y6				✓			1									85434
66					-Y7				✓			1									85435
67					-Z1A				✓			1									85436
68					-Z1B				✓			1									85437
69					-Z2				✓			1									85438
70					-Z3	↓	↓		✓			1									85439

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	7/31/14	15:33
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments:

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1P

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CHAIN-OF-CUSTODY RECORD 1381

☐ 1 Day* ☐ 3 Days* ☑ Other 5 (days)
☐ 2 Days* ☐ Standard (____ days) *Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
Discovery Academy	176 Cumberland Ave, Wethersfield, CT	20110979.A2E	Phoenix

Report To: Kathleen Pune
Invoice To: Sarah Owens
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 7/31/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other _____

Analysis Request: EPA 8082/SOXHLET

Containers: Soil VOA Vial, [ ] methanol; Soil VOA Vial, [ ] water; Glass Soil Container (4) oz; Glass Soil Container ( ) oz; Other; Water VOA Vial, [ ] As is, [ ] HCl; Glass Amber ( ) ml, [ ] As is, [ ] H_2SO_4; Plastic - As is, [ ] 250 ml, [ ] 500, [ ] 1000 ml; Plastic - H_2SO_4, [ ] 250 ml, [ ] 500 ml; Plastic - HNO_3, 250 ml, [ ] Filtered, [ ] Unfiltered; Plastic - NaOH, 250 ml

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	Glass Soil Container (4) oz	Glass Soil Container ( ) oz	Other	Water VOA Vial, [ ] As is, [ ] HCl	Glass Amber ( ) ml, [ ] As is, [ ] H_2SO_4	Plastic - As is, [ ] 250 ml, [ ] 500, [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml, [ ] 500 ml	Plastic - HNO_3, 250 ml, [ ] Filtered, [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
71					Grange area-B6-Z4	S	7/31/14		✓		1									85440
72					-Z5	↓	↓		✓		1									85441
73					-Z6				✓		1									85442
74					-Z7				✓		1									85443
									✓		1									~~85444~~
									✓		1									~~85445~~
									✓		1									~~85446~~
									✓		1									~~85447~~
									✓		1									~~85448~~
									✓		1									~~85449~~

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	7/31/14	15:33
2				
3				
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Reporting and Detection Limit Requirements:

Additional Comments:

Garage 5x5 grid
recounts

PHOENIX
Environmental Laboratories, Inc.

Tuesday, August 12, 2014

Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Project ID: CREC DISCOVERY ACADEMY
Sample ID#s: BG90355 - BG90358

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 12, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/08/14	10:20
Location Code:	F&OENVIRPCB	Received by:	LB	08/08/14	11:47
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG90355
Phoenix ID: BG90355

Project ID: CREC DISCOVERY ACADEMY
Client ID: GARAGE AREA-KR V1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	89		%	08/09/14	I	E160.3
Extraction for PCB	Completed			08/08/14	PP/Z/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	91		%	08/09/14	AW	30 - 150 %
% TCMX	96		%	08/09/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: GARAGE AREA-KR V1

Phoenix I.D.: BG90355

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 12, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 12, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/08/14	10:21
Location Code:	F&OENVIRPCB	Received by:	LB	08/08/14	11:47
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG90355
Phoenix ID: BG90356

Project ID: CREC DISCOVERY ACADEMY
Client ID: GARAGE AREA-KR X5

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	08/09/14	I	E160.3
Extraction for PCB	Completed			08/08/14	PP/Z/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	08/09/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	97		%	08/09/14	AW	30 - 150 %
% TCMX	105		%	08/09/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: GARAGE AREA-KR X5

Phoenix I.D.: BG90356

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
August 12, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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Analysis Report

August 12, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/08/14	10:23
Location Code:	F&OENVIRPCB	Received by:	LB	08/08/14	11:47
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG90355
Phoenix ID: BG90357

Project ID: CREC DISCOVERY ACADEMY
Client ID: GARAGE AREA-KR Y3A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	08/09/14	I	E160.3
Extraction for PCB	Completed			08/08/14	P/Z/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/09/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/09/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/09/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/09/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/09/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/09/14	AW	3540C/8082
PCB-1260	0.56	0.36	mg/kg	08/09/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/09/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/09/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	92		%	08/09/14	AW	30 - 150 %
% TCMX	98		%	08/09/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: GARAGE AREA-KR Y3A

Phoenix I.D.: BG90357

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 12, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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Analysis Report

August 12, 2014

FOR: Attn: Ms. Kathleen Pane
Fuss & O'Neill EnviroScience, LLC
145 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		08/08/14	0:00
Location Code:	F&OENVIRPCB	Received by:	LB	08/08/14	11:47
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBG90355
Phoenix ID: BG90358

Project ID: CREC DISCOVERY ACADEMY
Client ID: GARAGE AREA-KR Y3B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	08/09/14	I	E160.3
Extraction for PCB	Completed			08/08/14	P/Z/G	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	08/09/14	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	08/09/14	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	08/09/14	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	08/09/14	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	08/09/14	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	08/09/14	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	08/09/14	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	08/09/14	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	08/09/14	AW	3540C/8082
QA/QC Surrogates						
% DCBP	94		%	08/09/14	AW	30 - 150 %
% TCMX	98		%	08/09/14	AW	30 - 150 %

Project ID: CREC DISCOVERY ACADEMY
Client ID: GARAGE AREA-KR Y3B

Phoenix I.D.: BG90358

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
August 12, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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QA/QC Report

August 12, 2014

QA/QC Data

SDG I.D.: GBG90355

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 282671, QC Sample No: BG90228 (BG90355, BG90356)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	92	93	1.1	91	95	4.3	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	101	102	1.0	115	121	5.1	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	111	107	114	6.3	120	125	4.1	30 - 150	30
% TCMX (Surrogate Rec)	96	75	87	14.8	89	89	0.0	30 - 150	30
QA/QC Batch 282676, QC Sample No: BG90357 (BG90357, BG90358)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	97	97	0.0	108	118	8.8	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	92	94	2.2	108	113	4.5	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	93	92	91	1.1	94	96	2.1	30 - 150	30
% TCMX (Surrogate Rec)	88	85	85	0.0	97	104	7.0	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
August 12, 2014

Tuesday, August 12, 2014

Criteria: None

State: CT

Sample Criteria Exceedences Report

GBG90355 - FOENVIRPCB

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** Fuss & O'Neill EnviroScience, LLC

Project Location: CREC DISCOVERY ACADEMY **Project Number:**

Laboratory Sample ID(s): BG90355, BG90356, BG90357, BG90358

Sampling Date(s): 8/8/2014

RCP Methods Used:

☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15

☑ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes ☐ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☑ Yes ☐ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No ☐ NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	☑ Yes ☐ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Rmakol

Date: Tuesday, August 12, 2014

Printed Name: Rashmi Makol

Position: Project Manager

Nov 2007

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NY # 11301

RCP Certification Report

August 12, 2014

SDG I.D.: GBG90355

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd1 08/09/14-1 (BG90355, BG90356, BG90357)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/9/2014

Instrument: Au-ecd48 08/09/14-1 (BG90357, BG90358)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Peter LaBarre
Position: Chemist
Date: 8/9/2014

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RCP Certification Report

August 12, 2014

SDG I.D.: GBG90355

QC (Site Specific)

---------- Sample No: BG90357, QA/QC Batch: 282676 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

All MS recoveries were within 40 - 140 with the following exceptions: None.

All MSD recoveries were within 40 - 140 with the following exceptions: None.

All MS/MSD RPDs were less than 30% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

---------- Sample No: BG90228, QA/QC Batch: 282671 ----------

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 1C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)

1°W/ICE

FUSS & O'NEILL ENVIROSCIENCE, LLC

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- ☐ 78 Interstate Drive, West Springfield, MA 01089
- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
- ☐ 317 Iron Horse Way, Suite 204, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD

1699

☒ 1 Day* ☐ 3 Days* ☐ Other _____ (days)
☐ 2 Days* ☐ Standard (____ days) *Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
CREC Discovery Academy	Garage Area	20110979.A2E	Phoenix

Report To: Kathleen Pane — katepane@fando.com

Invoice To: Sarah Owen

P.O. No.: 20110979.A2E

Sampler's Signature: KM Date: 8/8/14

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air

X=Other _____

Analysis Request: EPA 8082 PCBs, 3540C Soxhlet

Containers: Soil VOA Vial, [ ] methanol; Soil VOA Vial, [ ] water; Glass Soil Container (✓) oz; Glass Soil Container ( ) oz; Other; Water VOA Vial, [ ] As is [ ] HCl; Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4; Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml; Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml; Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered; Plastic - NaOH, 250 ml

Item No.	Transfer Check 1	2	3	4	Sample Number	Source Code	Date Sampled	Time Sampled	EPA 8082 PCBs, 3540C Soxhlet	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	Glass Soil Container (✓) oz	Glass Soil Container ( ) oz	Other	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] H_2SO_4	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
					Garage Area - KR																
					V1	S	8/8/14	1020	X			1									90355
					X5	↓	↓	1021	↓			1									90356
					Y3A	↓	↓	1023	↓			1									90357
					Y3B	S	8/8/14	—	X			1									90358

8/8/14 KM

Transfer Number	Relinquished By	Accepted By	Date	Time
1	KM	Chandelle	8/8/14	1147 ~~1200~~
2				
3				
4				

Reporting and Detection Limit Requirements: RL ≤ 1mg/kg

Additional Comments: EPA 8082 PCBs, 3540C Soxhlet

+ 6" (KM)