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

December 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	12/03/13	0:00
Location Code:	F&O-PCB	Received by:	LB	12/03/13	15:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF83327
Phoenix ID: BF83345

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-19

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	12/03/13	I	E160.3
Extraction for PCB	Completed			12/03/13	BB/KW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.45	mg/kg	12/04/13	AW	3540C/8082
PCB-1221	ND	0.45	mg/kg	12/04/13	AW	3540C/8082
PCB-1232	ND	0.45	mg/kg	12/04/13	AW	3540C/8082
PCB-1242	ND	0.45	mg/kg	12/04/13	AW	3540C/8082
PCB-1248	ND	0.45	mg/kg	12/04/13	AW	3540C/8082
PCB-1254	ND	0.45	mg/kg	12/04/13	AW	3540C/8082
PCB-1260	ND	0.45	mg/kg	12/04/13	AW	3540C/8082
PCB-1262	ND	0.45	mg/kg	12/04/13	AW	3540C/8082
PCB-1268	ND	0.45	mg/kg	12/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	95		%	12/04/13	AW	30 - 150 %
% TCMX	98		%	12/04/13	AW	30 - 150 %

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-19

Phoenix I.D.: BF83345

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

Comments:

100% Solid Assumed

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Phyllis Shiller, Laboratory Director
December 06, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Location Code:	F&O-PCB	Received by:	LB	12/03/13	15:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF83327
Phoenix ID: BF83346

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-20

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	12/03/13	I	E160.3
Extraction for PCB	Completed			12/03/13	BB/KW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.61	mg/kg	12/04/13	AW	3540C/8082
PCB-1221	ND	0.61	mg/kg	12/04/13	AW	3540C/8082
PCB-1232	ND	0.61	mg/kg	12/04/13	AW	3540C/8082
PCB-1242	ND	0.61	mg/kg	12/04/13	AW	3540C/8082
PCB-1248	ND	0.61	mg/kg	12/04/13	AW	3540C/8082
PCB-1254	1.1	0.61	mg/kg	12/04/13	AW	3540C/8082
PCB-1260	ND	0.61	mg/kg	12/04/13	AW	3540C/8082
PCB-1262	ND	0.61	mg/kg	12/04/13	AW	3540C/8082
PCB-1268	ND	0.61	mg/kg	12/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	99		%	12/04/13	AW	30 - 150 %
% TCMX	100		%	12/04/13	AW	30 - 150 %

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-20

Phoenix I.D.: BF83346

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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Location Code:	F&O-PCB	Received by:	LB	12/03/13	15:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF83327
Phoenix ID: BF83347

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-21

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	12/03/13	I	E160.3
Extraction for PCB	Completed			12/03/13	BB/KW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
PCB-1221	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
PCB-1232	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
PCB-1242	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
PCB-1248	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
PCB-1254	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
PCB-1260	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
PCB-1262	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
PCB-1268	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	99		%	12/04/13	AW	30 - 150 %
% TCMX	90		%	12/04/13	AW	30 - 150 %

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-21

Phoenix I.D.: BF83347

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:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF83327
Phoenix ID: BF83348

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-22

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	12/03/13	I	E160.3
Extraction for PCB	Completed			12/03/13	BB/KW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	12/04/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	12/04/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	12/04/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	12/04/13	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	12/04/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	12/04/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	12/04/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	12/04/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	12/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	78		%	12/04/13	AW	30 - 150 %
% TCMX	86		%	12/04/13	AW	30 - 150 %

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-22

Phoenix I.D.: BF83348

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:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF83327
Phoenix ID: BF83349

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-23

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	12/03/13	I	E160.3
Extraction for PCB	Completed			12/03/13	BB/KW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.44	mg/kg	12/04/13	AW	3540C/8082
PCB-1221	ND	0.44	mg/kg	12/04/13	AW	3540C/8082
PCB-1232	ND	0.44	mg/kg	12/04/13	AW	3540C/8082
PCB-1242	ND	0.44	mg/kg	12/04/13	AW	3540C/8082
PCB-1248	ND	0.44	mg/kg	12/04/13	AW	3540C/8082
PCB-1254	1.2	0.44	mg/kg	12/04/13	AW	3540C/8082
PCB-1260	ND	0.44	mg/kg	12/04/13	AW	3540C/8082
PCB-1262	ND	0.44	mg/kg	12/04/13	AW	3540C/8082
PCB-1268	ND	0.44	mg/kg	12/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	82		%	12/04/13	AW	30 - 150 %
% TCMX	33		%	12/04/13	AW	30 - 150 %

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-23

Phoenix I.D.: BF83349

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:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF83327
Phoenix ID: BF83350

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-24

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	12/03/13	I	E160.3
Extraction for PCB	Completed			12/03/13	BB/KW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.55	mg/kg	12/04/13	AW	3540C/8082
PCB-1221	ND	0.55	mg/kg	12/04/13	AW	3540C/8082
PCB-1232	ND	0.55	mg/kg	12/04/13	AW	3540C/8082
PCB-1242	ND	0.55	mg/kg	12/04/13	AW	3540C/8082
PCB-1248	ND	0.55	mg/kg	12/04/13	AW	3540C/8082
PCB-1254	1.9	0.55	mg/kg	12/04/13	AW	3540C/8082
PCB-1260	ND	0.55	mg/kg	12/04/13	AW	3540C/8082
PCB-1262	ND	0.55	mg/kg	12/04/13	AW	3540C/8082
PCB-1268	ND	0.55	mg/kg	12/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	106		%	12/04/13	AW	30 - 150 %
% TCMX	85		%	12/04/13	AW	30 - 150 %

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-24

Phoenix I.D.: BF83350

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

Comments:

100% Solid Assumed

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Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF83327
Phoenix ID: BF83351

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-25

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	12/03/13	I	E160.3
Extraction for PCB	Completed			12/03/13	BB/KW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.42	mg/kg	12/04/13	AW	3540C/8082
PCB-1221	ND	0.42	mg/kg	12/04/13	AW	3540C/8082
PCB-1232	ND	0.42	mg/kg	12/04/13	AW	3540C/8082
PCB-1242	ND	0.42	mg/kg	12/04/13	AW	3540C/8082
PCB-1248	ND	0.42	mg/kg	12/04/13	AW	3540C/8082
PCB-1254	ND	0.42	mg/kg	12/04/13	AW	3540C/8082
PCB-1260	ND	0.42	mg/kg	12/04/13	AW	3540C/8082
PCB-1262	ND	0.42	mg/kg	12/04/13	AW	3540C/8082
PCB-1268	ND	0.42	mg/kg	12/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	89		%	12/04/13	AW	30 - 150 %
% TCMX	81		%	12/04/13	AW	30 - 150 %

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-25

Phoenix I.D.: BF83351

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:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF83327
Phoenix ID: BF83352

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-26

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	12/03/13	I	E160.3
Extraction for PCB	Completed			12/03/13	BB/KW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.55	mg/kg	12/04/13	AW	3540C/8082
PCB-1221	ND	0.55	mg/kg	12/04/13	AW	3540C/8082
PCB-1232	ND	0.55	mg/kg	12/04/13	AW	3540C/8082
PCB-1242	ND	0.55	mg/kg	12/04/13	AW	3540C/8082
PCB-1248	ND	0.55	mg/kg	12/04/13	AW	3540C/8082
PCB-1254	ND	0.55	mg/kg	12/04/13	AW	3540C/8082
PCB-1260	ND	0.55	mg/kg	12/04/13	AW	3540C/8082
PCB-1262	ND	0.55	mg/kg	12/04/13	AW	3540C/8082
PCB-1268	ND	0.55	mg/kg	12/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	87		%	12/04/13	AW	30 - 150 %
% TCMX	85		%	12/04/13	AW	30 - 150 %

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-26

Phoenix I.D.: BF83352

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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Location Code:	F&O-PCB	Received by:	LB	12/03/13	15:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF83327
Phoenix ID: BF83353

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-27

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	12/03/13	I	E160.3
Extraction for PCB	Completed			12/03/13	BB/KW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
PCB-1221	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
PCB-1232	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
PCB-1242	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
PCB-1248	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
PCB-1254	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
PCB-1260	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
PCB-1262	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
PCB-1268	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	91		%	12/04/13	AW	30 - 150 %
% TCMX	76		%	12/04/13	AW	30 - 150 %

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-27

Phoenix I.D.: BF83353

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:	SV	12/03/13	0:00
Location Code:	F&O-PCB	Received by:	LB	12/03/13	15:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF83327
Phoenix ID: BF83354

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-28

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	12/03/13	I	E160.3
Extraction for PCB	Completed			12/03/13	BB/KW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.5	mg/kg	12/04/13	AW	3540C/8082
PCB-1221	ND	0.5	mg/kg	12/04/13	AW	3540C/8082
PCB-1232	ND	0.5	mg/kg	12/04/13	AW	3540C/8082
PCB-1242	ND	0.5	mg/kg	12/04/13	AW	3540C/8082
PCB-1248	ND	0.5	mg/kg	12/04/13	AW	3540C/8082
PCB-1254	ND	0.5	mg/kg	12/04/13	AW	3540C/8082
PCB-1260	ND	0.5	mg/kg	12/04/13	AW	3540C/8082
PCB-1262	ND	0.5	mg/kg	12/04/13	AW	3540C/8082
PCB-1268	ND	0.5	mg/kg	12/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	88		%	12/04/13	AW	30 - 150 %
% TCMX	74		%	12/04/13	AW	30 - 150 %

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-28

Phoenix I.D.: BF83354

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

Comments:

100% Solid Assumed

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
December 06, 2013
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

December 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	12/03/13	0:00
Location Code:	F&O-PCB	Received by:	LB	12/03/13	15:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF83327
Phoenix ID: BF83355

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-29

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	12/03/13	I	E160.3
Extraction for PCB	Completed			12/03/13	BB/KW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
PCB-1221	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
PCB-1232	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
PCB-1242	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
PCB-1248	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
PCB-1254	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
PCB-1260	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
PCB-1262	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
PCB-1268	ND	0.67	mg/kg	12/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	81		%	12/04/13	AW	30 - 150 %
% TCMX	93		%	12/04/13	AW	30 - 150 %

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-29

Phoenix I.D.: BF83355

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

Comments:

100% Solid Assumed

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Phyllis Shiller, Laboratory Director
December 06, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

December 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	12/03/13	0:00
Location Code:	F&O-PCB	Received by:	LB	12/03/13	15:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF83327
Phoenix ID: BF83356

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-30

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	12/03/13	I	E160.3
Extraction for PCB	Completed			12/03/13	BB/KW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.43	mg/kg	12/04/13	AW	3540C/8082
PCB-1221	ND	0.43	mg/kg	12/04/13	AW	3540C/8082
PCB-1232	ND	0.43	mg/kg	12/04/13	AW	3540C/8082
PCB-1242	ND	0.43	mg/kg	12/04/13	AW	3540C/8082
PCB-1248	ND	0.43	mg/kg	12/04/13	AW	3540C/8082
PCB-1254	ND	0.43	mg/kg	12/04/13	AW	3540C/8082
PCB-1260	ND	0.43	mg/kg	12/04/13	AW	3540C/8082
PCB-1262	ND	0.43	mg/kg	12/04/13	AW	3540C/8082
PCB-1268	ND	0.43	mg/kg	12/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	78		%	12/04/13	AW	30 - 150 %
% TCMX	89		%	12/04/13	AW	30 - 150 %

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-30

Phoenix I.D.: BF83356

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

Comments:

100% Solid Assumed

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
December 06, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

December 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	12/03/13	0:00
Location Code:	F&O-PCB	Received by:	LB	12/03/13	15:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF83327
Phoenix ID: BF83357

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-31

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	12/03/13	I	E160.3
Extraction for PCB	Completed			12/03/13	BB/KW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
PCB-1221	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
PCB-1232	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
PCB-1242	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
PCB-1248	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
PCB-1254	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
PCB-1260	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
PCB-1262	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
PCB-1268	ND	0.46	mg/kg	12/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	91		%	12/04/13	AW	30 - 150 %
% TCMX	92		%	12/04/13	AW	30 - 150 %

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-31

Phoenix I.D.: BF83357

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

Comments:

100% Solid Assumed

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
December 06, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

December 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	12/03/13	0:00
Location Code:	F&O-PCB	Received by:	LB	12/03/13	15:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF83327
Phoenix ID: BF83358

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-33

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	96		%	12/03/13	I	E160.3
Extraction for PCB	Completed			12/03/13	BB/KW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	12/04/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	12/04/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	12/04/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	12/04/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	12/04/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	12/04/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	12/04/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	12/04/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	12/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	74		%	12/04/13	AW	30 - 150 %
% TCMX	84		%	12/04/13	AW	30 - 150 %

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-33

Phoenix I.D.: BF83358

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
December 06, 2013
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

December 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	12/03/13	0:00
Location Code:	F&O-PCB	Received by:	LB	12/03/13	15:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF83327
Phoenix ID: BF83359

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-34

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	12/03/13	I	E160.3
Extraction for PCB	Completed			12/03/13	BB/KW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.75	mg/kg	12/04/13	AW	3540C/8082
PCB-1221	ND	0.75	mg/kg	12/04/13	AW	3540C/8082
PCB-1232	ND	0.75	mg/kg	12/04/13	AW	3540C/8082
PCB-1242	ND	0.75	mg/kg	12/04/13	AW	3540C/8082
PCB-1248	ND	0.75	mg/kg	12/04/13	AW	3540C/8082
PCB-1254	ND	0.75	mg/kg	12/04/13	AW	3540C/8082
PCB-1260	ND	0.75	mg/kg	12/04/13	AW	3540C/8082
PCB-1262	ND	0.75	mg/kg	12/04/13	AW	3540C/8082
PCB-1268	ND	0.75	mg/kg	12/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	82		%	12/04/13	AW	30 - 150 %
% TCMX	89		%	12/04/13	AW	30 - 150 %

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-34

Phoenix I.D.: BF83359

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

Comments:

100% Solid Assumed

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
December 06, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

December 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	12/03/13	0:00
Location Code:	F&O-PCB	Received by:	LB	12/03/13	15:14
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF83327
Phoenix ID: BF83360

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-35

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	12/03/13	I	E160.3
Extraction for PCB	Completed			12/03/13	BB/KW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.59	mg/kg	12/04/13	AW	3540C/8082
PCB-1221	ND	0.59	mg/kg	12/04/13	AW	3540C/8082
PCB-1232	ND	0.59	mg/kg	12/04/13	AW	3540C/8082
PCB-1242	ND	0.59	mg/kg	12/04/13	AW	3540C/8082
PCB-1248	ND	0.59	mg/kg	12/04/13	AW	3540C/8082
PCB-1254	ND	0.59	mg/kg	12/04/13	AW	3540C/8082
PCB-1260	ND	0.59	mg/kg	12/04/13	AW	3540C/8082
PCB-1262	ND	0.59	mg/kg	12/04/13	AW	3540C/8082
PCB-1268	ND	0.59	mg/kg	12/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	70		%	12/04/13	AW	30 - 150 %
% TCMX	83		%	12/04/13	AW	30 - 150 %

Project ID: 176 CUMBERLAND AVE., WETHERSFIELD
Client ID: 120313-SV-35

Phoenix I.D.: BF83360

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

Comments:

100% Solid Assumed

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
December 06, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

QA/QC Report

December 06, 2013

QA/QC Data

SDG I.D.: GBF83327

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 261299, QC Sample No: BF83069 (BF83347, BF83348, BF83349, BF83350, BF83351, BF83352, BF83353, BF83354, BF83355, BF83356, BF83357, BF83358, BF83359, BF83360)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	96	82	15.7				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	103	106	2.9				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	76	79	96	19.4				30 - 150	30
% TCMX (Surrogate Rec)	105	99	106	6.8				30 - 150	30

Comment:

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

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 261297, QC Sample No: BF83327 (BF83327, BF83328, BF83329, BF83330, BF83331, BF83332, BF83333, BF83334, BF83335, BF83336, BF83337, BF83338, BF83339, BF83340, BF83341, BF83342, BF83343, BF83344, BF83345, BF83346)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	80	103	25.1				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	100	120	18.2				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	86	72	86	17.7				30 - 150	30
% TCMX (Surrogate Rec)	85	72	94	26.5				30 - 150	30

Comment:

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

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
December 06, 2013

Sample Criteria Exceedences Report

GBF83327 - FO-PCB

Requested Criteria: None

State: CT

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:** F&O-PCB

Project Location: 176 CUMBERLAND AVE., WETH **Project Number:**

Laboratory Sample ID(s): BF83327, BF83328, BF83329, BF83330, BF83331, BF83332, BF83333, BF83334, BF83335, BF83336, BF83337, BF83338, BF83339, BF83340, BF83341, BF83342, BF83343, BF83344, BF83345, BF83346, BF83347, BF83348, BF83349, BF83350, BF83351, BF83352, BF83353, BF83354, BF83355, BF83356, BF83357, BF83358, BF83359, BF83360

Sampling Date(s): 12/3/2013

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 knowlegde 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, December 06, 2013

Authorized Signature: Ethan Lee

Printed Name: Ethan Lee

Position: Project Manager

Nov 2007

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

December 06, 2013

SDG I.D.: GBF83327

PCB Narration

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

Instrument: Au-ecd24 12/04/13-1 (BF83327, BF83348, BF83349, BF83355, BF83356, BF83357, BF83358, BF83359, BF83360)

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: 12/4/2013

Instrument: Au-ecd3 12/04/13-1 (BF83327, BF83328, BF83329, BF83330, BF83331, BF83336, BF83339, BF83340, BF83341, BF83344, BF83345, BF83346, BF83347)

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: 12/4/2013

Instrument: Au-ecd5 12/04/13-1 (BF83332)

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: 12/4/2013

Instrument: Au-ecd7 12/04/13-1 (BF83333, BF83334, BF83335, BF83337, BF83338, BF83342, BF83343, BF83350, BF83351, BF83352, BF83353, BF83354)

8082 Narration:

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

December 06, 2013

SDG I.D.: GBF83327

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

Printed Name Adam Werner
Position: Chemist
Date: 12/4/2013

QC Comments: QC Batch 261297 12/03/13 (BF83327, BF83328, BF83329, BF83330, BF83331, BF83332, BF83333, BF83334, BF83335, BF83336, BF83337, BF83338, BF83339, BF83340, BF83341, BF83342, BF83343, BF83344, BF83345, BF83346)

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

QC Comments: QC Batch 261299 12/03/13 (BF83347, BF83348, BF83349, BF83350, BF83351, BF83352, BF83353, BF83354, BF83355, BF83356, BF83357, BF83358, BF83359, BF83360)

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

QC (Site Specific)

---------- Sample No: BF83327, QA/QC Batch: 261297 ----------

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.

QC (Batch Specific)

---------- Sample No: BF83069, QA/QC Batch: 261299 ----------

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 2C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)

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RCP Certification Report

December 06, 2013

SDG I.D.: GBF83327

2°C W/CTZP

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- ☐ 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 1189

☐ 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: KARRON REDFIELD
P.O. NO.: 20110979.A2E
Sampler's Signature: Stacy Vanderveer Date: 12-3-13

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

Analysis Request: EPA 8082/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	EPA 8082/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
1	✓				120313-SV-01	X	12-3-13		✓			1				8	3	3	2	7	① ②
2	✓				-02	↓	↓		✓			1				8	3	3	2	8	① ②
3	✓				-03	↓	↓		✓			1				8	3	3	2	9	① ②
4	✓				-04	↓	↓		✓			1				8	3	3	3	0	① ②
5	✓				-05	↓	↓		✓			1				8	3	3	3	1	① ②
6	✓				-06	↓	↓		✓			1				8	3	3	3	2	① ②
7	✓				-07	↓	↓		✓			1				8	3	3	3	3	① ②
8	✓				-08	↓	↓		✓			1				8	3	3	3	4	① ②
9	✓				-09	↓	↓		✓			1				8	3	3	3	5	① ②
10	✓				-10	↓	↓		✓			1				8	3	3	3	6	① ②

Transfer Number	Relinquished By	Accepted By	Date	Time
1	Stacy Vanderveer	L. Dennin	12/3/13	15:14
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: MAIN BLDG - WEST WALL WINDOWS
① SAMPLE @ 0.0"-0.5" DEPTH
② 1ST FLOOR WINDOW

2nd CIP

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☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1190

☐ 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: Karron Redfield
P.O. No.: 20110979.A2E
Sampler's Signature: Stacy Vandervee Date: 12-3-13

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

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
11	✓				120313-SV-11	X	12-3-13		✓			1			83337						①③④
12	✓				-12	↓	↓		✓			1			83338						①③④
13	✓				-13	↓	↓		✓			1			83339						①③④
14	✓				-14	↓	↓		✓			1			83340						①③④
15	✓				-15	↓	↓		✓			1			83341						①④④
16	✓				-16	↓	↓		✓			1			83342						①④③
17	✓				-17	↓	↓		✓			1			83343						①④③
18	✓				-18	↓	↓		✓			1			83344						①④③
19	✓				-19	↓	↓		✓			1			83345						①④③
20	✓				-20	↓	↓		✓			1			83346						①④③

Transfer Number	Relinquished By	Accepted By	Date	Time
1	Stacy Vandervee	S. Spurin	12/3/13	15:14
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: MAIN BUILDING - WEST WALL WINDOWS
① SAMPLE @ 0.0"-0.5" DEPTH
③ WINDOW WALL-NORTH
④ WINDOW WALL-SOUTH

2nd CHP

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- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1217

☐ 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: Karron Redfield
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 12-3-13

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

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
21	/				120313-SV-21	X	12-3-13		/				1	83347						1 5
22	/				-22	↓	↓		/				1	83348						1 5
23	/				-23				/				1	83349						1 5
24	/				-24				/				1	83350						1 5
25	/				-25				/				1	83351						1 5
26	/				-26				/				1	83352						1 5
27	/				-27				/				1	83353						1 5
28	/				-28				/				1	83354						1 5
29	/				-29				/				1	83355						1 5
30	/				-30	↓	↓		/				1	83356						1 5

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	12/3/13	15:14
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: MAIN Bldg - WEST WALL WINDOWS
1 SAMPLE @ 0.0" - 0.5" DEPTH
5 WINDOW WALL - HORIZONTAL

2w/CFJP

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- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1218

☐ 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: KARRON REDFIELD
P.O. NO.: 20110979.A2E
Sampler's Signature: [signature] Date: 12-3-13

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

Analysis Request: EPA 8082/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	EPA 8082/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
31	/				120313-SV-31	X	12-3-13		✓			1			83357					1 5
~~32~~					not submitted															
33	/				-33	X	12-3-13		✓			1			83358					1 2 6
34	/				-34	↓	↓		✓			1			83359					1 4 6
35	/				-35	↓	↓		✓			1			83360					1 3 6

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	L. Binnin	12/3/13	15:14
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: MAIN Bldg - West Wall Windows
1 SAMPLE @ 0.0" - 0.5" DEPTH
2 1ST FLOOR WINDOW
3 WINDOW WALL - NORTH
4 WINDOW WALL - SOUTH
6 DUPLICATE

PHOENIX
Environmental Laboratories, Inc.

Thursday, November 07, 2013

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

Project ID: DISCOVERY ACADEMY
Sample ID#s: BF71503 - BF71520

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

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71503

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	11/04/13	I	E160.3
Extraction for PCB	Completed			11/04/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	109		%	11/05/13	AW	30 - 150 %
% TCMX	100		%	11/05/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-01

Phoenix I.D.: BF71503

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
November 07, 2013
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

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71504

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-02

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	11/04/13	I	E160.3
Extraction for PCB	Completed			11/04/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	11/05/13	AW	30 - 150 %
% TCMX	95		%	11/05/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-02

Phoenix I.D.: BF71504

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
November 07, 2013
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

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71505

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-03

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	11/04/13	I	E160.3
Extraction for PCB	Completed			11/04/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
PCB-1260	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	11/05/13	AW	30 - 150 %
% TCMX	95		%	11/05/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-03

Phoenix I.D.: BF71505

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
November 07, 2013
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

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71506

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-04

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	11/04/13	I	E160.3
Extraction for PCB	Completed			11/04/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	11/05/13	AW	30 - 150 %
% TCMX	90		%	11/05/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-04

Phoenix I.D.: BF71506

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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November 07, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71507

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-05

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	11/04/13	I	E160.3
Extraction for PCB	Completed			11/04/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	11/05/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	11/05/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	11/05/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	11/05/13	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	11/05/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	11/05/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	11/05/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	11/05/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	11/05/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	11/05/13	AW	30 - 150 %
% TCMX	93		%	11/05/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-05

Phoenix I.D.: BF71507

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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November 07, 2013
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Analysis Report

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71508

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-06

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	11/04/13	I	E160.3
Extraction for PCB	Completed			11/04/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	105		%	11/05/13	AW	30 - 150 %
% TCMX	94		%	11/05/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-06

Phoenix I.D.: BF71508

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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November 07, 2013
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Analysis Report

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71509

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-07

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	11/04/13	I	E160.3
Extraction for PCB	Completed			11/04/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	11/05/13	AW	30 - 150 %
% TCMX	95		%	11/05/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-07

Phoenix I.D.: BF71509

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

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71510

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-09

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	11/04/13	I	E160.3
Extraction for PCB	Completed			11/04/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
PCB-1260	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	11/05/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	97		%	11/05/13	AW	30 - 150 %
% TCMX	84		%	11/05/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-09

Phoenix I.D.: BF71510

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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November 07, 2013
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Analysis Report

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71511

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	11/04/13	I	E160.3
Extraction for PCB	Completed			11/04/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	92		%	11/05/13	AW	30 - 150 %
% TCMX	90		%	11/05/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-10

Phoenix I.D.: BF71511

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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November 07, 2013
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Analysis Report

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71512

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	11/04/13	I	E160.3
Extraction for PCB	Completed.			11/04/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	99		%	11/05/13	AW	30 - 150 %
% TCMX	93		%	11/05/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-11

Phoenix I.D.: BF71512

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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November 07, 2013
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

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71513

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	11/04/13	I	E160.3
Extraction for PCB	Completed			11/04/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	11/05/13	AW	30 - 150 %
% TCMX	97		%	11/05/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-12

Phoenix I.D.: BF71513

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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November 07, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71514

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-13

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	11/04/13	I	E160.3
Extraction for PCB	Completed			11/04/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	104		%	11/05/13	AW	30 - 150 %
% TCMX	96		%	11/05/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-13

Phoenix I.D.: BF71514

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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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

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71515

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-14

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	11/04/13	I	E160.3
Extraction for PCB	Completed			11/04/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	101		%	11/05/13	AW	30 - 150 %
% TCMX	93		%	11/05/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-14

Phoenix I.D.: BF71515

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
November 07, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71516

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-16

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	11/04/13	I	E160.3
Extraction for PCB	Completed			11/04/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	11/05/13	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	11/05/13	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	11/05/13	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	11/05/13	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	11/05/13	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	11/05/13	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	11/05/13	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	11/05/13	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	11/05/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	107		%	11/05/13	AW	30 - 150 %
% TCMX	104		%	11/05/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-16

Phoenix I.D.: BF71516

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
November 07, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71517

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-17

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	11/04/13	I	E160.3
Extraction for PCB	Completed			11/04/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	11/05/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	80		%	11/05/13	AW	30 - 150 %
% TCMX	78		%	11/05/13	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
November 07, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71518

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-18

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	11/04/13	I	E160.3
Extraction for PCB	Completed			11/04/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	11/05/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	11/05/13	AW	30 - 150 %
% TCMX	103		%	11/05/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-18

Phoenix I.D.: BF71518

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
November 07, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71519

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-08

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			11/04/13	BB/X	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	11/05/13	AW	SW8082
PCB-1221	ND	1.0	ug	11/05/13	AW	SW8082
PCB-1232	ND	1.0	ug	11/05/13	AW	SW8082
PCB-1242	ND	1.0	ug	11/05/13	AW	SW8082
PCB-1248	ND	1.0	ug	11/05/13	AW	SW8082
PCB-1254	ND	1.0	ug	11/05/13	AW	SW8082
PCB-1260	ND	1.0	ug	11/05/13	AW	SW8082
PCB-1262	ND	1.0	ug	11/05/13	AW	SW8082
PCB-1268	ND	1.0	ug	11/05/13	AW	SW8082
QA/QC Surrogates						
% DCBP	90		%	11/05/13	AW	30 - 150 %
% TCMX	87		%	11/05/13	AW	30 - 150 %

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

Comments:

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
November 07, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

November 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		11/04/13	0:00
Location Code:	F&O-PCB	Received by:	LK	11/04/13	10:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF71503
Phoenix ID: BF71520

Project ID: DISCOVERY ACADEMY
Client ID: KN110413-15

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			11/04/13	BB/X	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	11/05/13	AW	SW8082
PCB-1221	ND	1.0	ug	11/05/13	AW	SW8082
PCB-1232	ND	1.0	ug	11/05/13	AW	SW8082
PCB-1242	ND	1.0	ug	11/05/13	AW	SW8082
PCB-1248	ND	1.0	ug	11/05/13	AW	SW8082
PCB-1254	ND	1.0	ug	11/05/13	AW	SW8082
PCB-1260	ND	1.0	ug	11/05/13	AW	SW8082
PCB-1262	ND	1.0	ug	11/05/13	AW	SW8082
PCB-1268	ND	1.0	ug	11/05/13	AW	SW8082
QA/QC Surrogates						
% DCBP	106		%	11/05/13	AW	30 - 150 %
% TCMX	88		%	11/05/13	AW	30 - 150 %

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

Comments:

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
November 07, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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QA/QC Report

November 07, 2013

QA/QC Data

SDG I.D.: GBF71503

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 256990, QC Sample No: BF53152 (BF71519, BF71520)									
Polychlorinated Biphenyl									
PCB-1016	ND	98	100	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	95	98	3.1				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	79	76	78	2.6				30 - 150	30
% TCMX (Surrogate Rec)	88	89	94	5.5				30 - 150	30

Comment:

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

QA/QC Batch 258625, QC Sample No: BF70881 (BF71503, BF71504, BF71505, BF71506, BF71507, BF71508, BF71509, BF71510)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	91	93	2.2				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	101	104	2.9				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	99	105	112	6.5				30 - 150	30
% TCMX (Surrogate Rec)	89	100	105	4.9				30 - 150	30

Comment:

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

QA/QC Batch 258612, QC Sample No: BF71200 (BF71511, BF71512, BF71513, BF71514, BF71515, BF71516, BF71517)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	90	92	2.2				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	99	103	4.0				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	109	111	110	0.9				30 - 150	30

QA/QC Data

SDG I.D.: GBF71503

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% TCMX (Surrogate Rec)	104	114	112	1.8				30 - 150	30
QA/QC Batch 258773, QC Sample No: BF71495 (BF71518)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	85	85	0.0				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	82	84	2.4				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	91	83	87	4.7				30 - 150	30
% TCMX (Surrogate Rec)	89	91	88	3.4				30 - 150	30

Comment:

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

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
November 07, 2013

Thursday, November 07, 2013

Requested Criteria: None

State: CT

Sample Criteria Exceedences Report

GBF71503 - FO-PCB

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:** F&O-PCB

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

Laboratory Sample ID(s): BF71503, BF71504, BF71505, BF71506, BF71507, BF71508, BF71509, BF71510, BF71511, BF71512, BF71513, BF71514, BF71515, BF71516, BF71517, BF71518, BF71519, BF71520

Sampling Date(s): 11/4/2013

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 knowlegde 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, November 07, 2013

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

November 07, 2013

SDG I.D.: GBF71503

The samples were received by the laboratory at a temperature of 15 degrees C with cooling initiated. Significant bias is not suspected.

PCB Narration

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

Instrument: Au-ecd1 11/05/13-1 (BF71503, BF71504, BF71505, BF71506, BF71507, BF71508, BF71509, BF71510, BF71511, BF71512, BF71513, BF71514, BF71515, BF71516, BF71517)

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: 11/5/2013

Instrument: Au-ecd7 11/05/13-1 (BF71519, BF71520)

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: 11/5/2013

Instrument: Au-ecd8 11/05/13-1 (BF71518)

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: 11/5/2013

QC Comments: QC Batch 256990 10/14/13 (BF71519, BF71520)

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

November 07, 2013

SDG I.D.: GBF71503

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

QC Comments: QC Batch 258625 11/01/13 (BF71503, BF71504, BF71505, BF71506, BF71507, BF71508, BF71509, BF71510)

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

QC Comments: QC Batch 258773 11/04/13 (BF71518)

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

QC (Batch Specific)

——— Sample No: BF53152, QA/QC Batch: 256990 ———

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: BF70881, QA/QC Batch: 258625 ———

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: BF71200, QA/QC Batch: 258612 ———

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: BF71495, QA/QC Batch: 258773 ———

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 15C with cooling initiated.
(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 nelac NY # 11301

RCP Certification Report

November 07, 2013

SDG I.D.: GBF71503

w/c IP
15°c

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- ☐ 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 1179

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

Project Name	Project Location	Project Number	Laboratory
Discovery Academy	1716 Cumberland Ave, Wethersfield CT	20110979.A2E	Phoenix

REPORT TO: Kathleen Pane
INVOICE TO: Karron Redfield
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 11-4-13

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

Analysis Request: EPA 8082 / SOXHLET

Containers: Soil VOA Vial, [ ] methanol; Soil VOA Vial, [ ] water; Glass Soil Container [ ] Na_2SO_4; Glass Soil Container (4) oz; Other: Glass Soil Container ( ) oz; 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; [ ] 500; [ ] 1000 ml; [ ] 500 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 [ ] Na_2SO_4	Glass Soil Container (4) oz	Other: Glass Soil Container ( ) oz	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
1	/				KN110413-01	X	11-4-13		/			71503			1						1 2
2	/				-02	X	↓		/			71504			1						1 2
3	/				-03	↓	↓		/			71505			1						1 2
4	/				-04	↓	↓		/			71506			1						1 2
5	/				-05	↓	↓		/			71507			1						1 3
6	/				-06	↓	↓		/			71508			1						1 3
7	/				-07	↓	↓		/			71509			1						1 3
8	/				-09	↓	↓		/			71510			1						1 3
9	/				-10	↓	↓		/			71511			1						1 3
10	/				-11	↓	↓		/			71512			1						1 3

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	TFoswor	11/4/13	10:30
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: CAFETERIA WEST
1 SAMPLE @ 0.0"-0.5" DEPTH
2 DOOR
3 NORTH WINDOW

W/C 1P
15°C

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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 1181

☐ 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: Karron Redfield
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 11-4-13

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

Analysis Request: EPA 8082/SOXHLET

Containers: Soil VOA Vial, [ ] methanol; Soil VOA Vial, [ ] water [ ] Na_2SO_4; 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	Comments
17	✓				KN110413-08	X	11-4-13		✓ 71519 (1)	
18	✓				-15	X	↓		✓ 71520 (1)	

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	T Farnsworth	11/4/13	10:37
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: CAFETERIA WEST
#③ NORTH WINDOW
④ SOUTH WINDOW

W/C/P
15°C

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- ☐ 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 1180

☐ 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	20110999.A2E	Phoenix

Report To: Kathleen Pane
Invoice To: Karron Redfield
P.O. No.: 20110999.A2E
Sampler's Signature: [signature] Date: 11-4-13

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

Analysis Request: EPA8082/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, [ ] 250 ml [ ] 500 [ ] 1000 ml; Plastic - As is, [ ] 250 ml [ ] 250 ml [ ] 500 ml; Plastic - H_2SO_4; 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/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, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - As is, [ ] 250 ml [ ] 250 ml [ ] 500 ml	Plastic - H_2SO_4	Plastic - HNO_3, 250 ml [ ] Filtered [ ] Unfiltered	Plastic - NaOH, 250 ml	Comments
11	✓				KN110413 -12	X	11-4-13		✓			1									① ④
12	✓				-13	↓	↓		✓			1									① ④
13	✓				-14	↓	↓		✓			1									① ④
14	✓				-16	↓	↓		✓			1									① ④
15	✓				-17	↓	↓		✓			1									① ④
16	✓				-18	↓	↓		✓			1									① ④

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	TFAUWOM	11/4/13	10:30
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: CAFETERIA WEST
① SAMPLE @ 0.0" - 0.5" DEPTH
④ SOUTH WINDOW

PHOENIX
Environmental Laboratories, Inc.

Wednesday, November 06, 2013

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

Project ID: DISCOVERY ACADEMY
Sample ID#s: BF70769 - BF70774

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.

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
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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

November 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70769
Phoenix ID: BF70769

Project ID: DISCOVERY ACADEMY
Client ID: 103113-SV-W03

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			11/01/13	BB/X	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1221	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1232	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1242	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1248	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1254	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1260	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1262	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1268	ND	1.0	ug	11/04/13	AW	SW8082
QA/QC Surrogates						
% DCBP	118		%	11/04/13	AW	30 - 150 %
% TCMX	106		%	11/04/13	AW	30 - 150 %

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

Comments:

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

Phyllis Shiller, Laboratory Director
November 06, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

November 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70769
Phoenix ID: BF70770

Project ID: DISCOVERY ACADEMY
Client ID: 103113-SV-W04

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			11/01/13	BB/X	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1221	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1232	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1242	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1248	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1254	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1260	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1262	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1268	ND	1.0	ug	11/04/13	AW	SW8082
QA/QC Surrogates						
% DCBP	108		%	11/04/13	AW	30 - 150 %
% TCMX	99		%	11/04/13	AW	30 - 150 %

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

Comments:

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
November 06, 2013
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

November 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70769
Phoenix ID: BF70771

Project ID: DISCOVERY ACADEMY
Client ID: 103113-SV-W11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			11/01/13	BB/X	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1221	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1232	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1242	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1248	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1254	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1260	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1262	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1268	ND	1.0	ug	11/04/13	AW	SW8082
QA/QC Surrogates						
% DCBP	113		%	11/04/13	AW	30 - 150 %
% TCMX	116		%	11/04/13	AW	30 - 150 %

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

Comments:

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
November 06, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70769
Phoenix ID: BF70772

Project ID: DISCOVERY ACADEMY
Client ID: 103113-SV-W12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			11/01/13	BB/X	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1221	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1232	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1242	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1248	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1254	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1260	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1262	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1268	ND	1.0	ug	11/04/13	AW	SW8082
QA/QC Surrogates						
% DCBP	107		%	11/04/13	AW	30 - 150 %
% TCMX	106		%	11/04/13	AW	30 - 150 %

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

Comments:

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

Phyllis Shiller, Laboratory Director
November 06, 2013
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

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

Analysis Report

November 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70769
Phoenix ID: BF70773

Project ID: DISCOVERY ACADEMY
Client ID: 103113-SV-W19

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			11/01/13	BB/X	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1221	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1232	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1242	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1248	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1254	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1260	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1262	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1268	ND	1.0	ug	11/04/13	AW	SW8082
QA/QC Surrogates						
% DCBP	93		%	11/04/13	AW	30 - 150 %
% TCMX	98		%	11/04/13	AW	30 - 150 %

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

Comments:

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

Phyllis Shiller, Laboratory Director
November 06, 2013
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

November 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70769
Phoenix ID: BF70774

Project ID: DISCOVERY ACADEMY
Client ID: 103113-SV-W20

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			11/01/13	BB/X	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1221	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1232	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1242	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1248	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1254	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1260	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1262	ND	1.0	ug	11/04/13	AW	SW8082
PCB-1268	ND	1.0	ug	11/04/13	AW	SW8082
QA/QC Surrogates						
% DCBP	51		%	11/04/13	AW	30 - 150 %
% TCMX	118		%	11/04/13	AW	30 - 150 %

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

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

Phyllis Shiller, Laboratory Director
November 06, 2013
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

November 06, 2013

QA/QC Data

SDG I.D.: GBF70769

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 258241, QC Sample No: BF69057 (BF70769, BF70770, BF70771, BF70772, BF70773, BF70774)									
Polychlorinated Biphenyl									
PCB-1016	ND	103	105	1.9				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	99	105	5.9				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	90	101	104	2.9				30 - 150	30
% TCMX (Surrogate Rec)	87	99	102	3.0				30 - 150	30

Comment:

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

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
November 06, 2013

Wednesday, November 06, 2013

Requested Criteria: None

State: CT

Sample Criteria Exceedences Report

GBF70769 - FO-PCB

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:** F&O-PCB

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

Laboratory Sample ID(s): BF70769, BF70770, BF70771, BF70772, BF70773, BF70774

Sampling Date(s): 10/31/2013

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 knowlegde 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, November 06, 2013

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

November 06, 2013

SDG I.D.: GBF70769

The samples were received by the laboratory at a temperature of 12 degrees C and were cooled immediately. Significant bias is not suspected.

PCB Narration

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

Instrument: Au-ecd3 11/04/13-1 (BF70769, BF70770, BF70771, BF70772, BF70773, BF70774)

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: 11/4/2013

QC Comments: QC Batch 258241 10/29/13 (BF70769, BF70770, BF70771, BF70772, BF70773, BF70774)

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

QC (Batch Specific)

------- Sample No: BF69057, QA/QC Batch: 258241 -------

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 12°C.
(Note acceptance criteria is above freezing up to 6°C)

12°W/C + IP

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
- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1178

☐ 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: Karron Redfield
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 10-31-13

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

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
X 18	✓				103113-SV - W03	X	103113		✓		70769			1									2
X 19	✓				-W04	↓	↓		✓		70770			1									2
✓ 20	✓				-W11				✓		70771			1									3
X 21	✓				-W12				✓		70772			1									3
X 22	✓				-W19				✓		70773			1									4
✓ 23	✓				-W20	↓	↓		✓		70774			1									4

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	CParadise	10/31/13	1648
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: KITCHEN NORTH
2 EAST WINDOW
3 CENTER WINDOW
4 WEST WINDOW

X 103113-SV-B

PHOENIX
Environmental Laboratories, Inc.

Wednesday, November 06, 2013

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

Project ID: DISCOVERY ACADEMY
Sample ID#s: BF70775 - BF70791

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

November 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70775
Phoenix ID: BF70775

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	96		%	11/01/13	AW	30 - 150 %
% TCMX	106		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B01

Phoenix I.D.: BF70775

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
November 06, 2013
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

November 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70775
Phoenix ID: BF70776

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B02

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	95		%	11/01/13	AW	30 - 150 %
% TCMX	104		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B02

Phoenix I.D.: BF70776

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
November 06, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

November 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70775
Phoenix ID: BF70777

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B05

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.44	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.44	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.44	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.44	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.44	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.44	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.44	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.44	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.44	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	97		%	11/01/13	AW	30 - 150 %
% TCMX	107		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B05

Phoenix I.D.: BF70777

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
November 06, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

November 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70775
Phoenix ID: BF70778

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B06

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	96		%	11/01/13	AW	30 - 150 %
% TCMX	102		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B06

Phoenix I.D.: BF70778

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
November 06, 2013
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

November 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70775
Phoenix ID: BF70779

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B09

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.49	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	98		%	11/01/13	AW	30 - 150 %
% TCMX	100		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B09

Phoenix I.D.: BF70779

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
November 06, 2013
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

November 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70775
Phoenix ID: BF70780

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.99	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.99	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.99	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.99	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.99	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.99	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.99	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.99	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.99	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	94		%	11/01/13	AW	30 - 150 %
% TCMX	106		%	11/01/13	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
November 06, 2013
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

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Analysis Report

November 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70775
Phoenix ID: BF70781

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B13

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			11/01/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	11/04/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	11/04/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	11/04/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	11/04/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	11/04/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	11/04/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	11/04/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	11/04/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	11/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	97		%	11/04/13	AW	30 - 150 %
% TCMX	95		%	11/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B13

Phoenix I.D.: BF70781

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
November 06, 2013
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

November 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70775
Phoenix ID: BF70782

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B14

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			11/01/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.49	mg/kg	11/04/13	AW	3540C/8082
PCB-1221	ND	0.49	mg/kg	11/04/13	AW	3540C/8082
PCB-1232	ND	0.49	mg/kg	11/04/13	AW	3540C/8082
PCB-1242	ND	0.49	mg/kg	11/04/13	AW	3540C/8082
PCB-1248	ND	0.49	mg/kg	11/04/13	AW	3540C/8082
PCB-1254	ND	0.49	mg/kg	11/04/13	AW	3540C/8082
PCB-1260	ND	0.49	mg/kg	11/04/13	AW	3540C/8082
PCB-1262	ND	0.49	mg/kg	11/04/13	AW	3540C/8082
PCB-1268	ND	0.49	mg/kg	11/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	111		%	11/04/13	AW	30 - 150 %
% TCMX	95		%	11/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B14

Phoenix I.D.: BF70782

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

November 06, 2013

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Fuss & O'Neill, Inc.
146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70775
Phoenix ID: BF70783

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B17

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			11/01/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.6	mg/kg	11/04/13	AW	3540C/8082
PCB-1221	ND	0.6	mg/kg	11/04/13	AW	3540C/8082
PCB-1232	ND	0.6	mg/kg	11/04/13	AW	3540C/8082
PCB-1242	ND	0.6	mg/kg	11/04/13	AW	3540C/8082
PCB-1248	ND	0.6	mg/kg	11/04/13	AW	3540C/8082
PCB-1254	ND	0.6	mg/kg	11/04/13	AW	3540C/8082
PCB-1260	ND	0.6	mg/kg	11/04/13	AW	3540C/8082
PCB-1262	ND	0.6	mg/kg	11/04/13	AW	3540C/8082
PCB-1268	ND	0.6	mg/kg	11/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	114		%	11/04/13	AW	30 - 150 %
% TCMX	102		%	11/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B17

Phoenix I.D.: BF70783

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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146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70775
Phoenix ID: BF70784

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B18

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			11/01/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
PCB-1221	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
PCB-1232	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
PCB-1242	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
PCB-1248	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
PCB-1254	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
PCB-1260	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
PCB-1262	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
PCB-1268	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	37		%	11/04/13	AW	30 - 150 %
% TCMX	56		%	11/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B18

Phoenix I.D.: BF70784

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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146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70775
Phoenix ID: BF70785

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B21

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			11/01/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
PCB-1221	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
PCB-1232	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
PCB-1242	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
PCB-1248	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
PCB-1254	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
PCB-1260	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
PCB-1262	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
PCB-1268	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	99		%	11/04/13	AW	30 - 150 %
% TCMX	108		%	11/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B21

Phoenix I.D.: BF70785

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

November 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70775
Phoenix ID: BF70786

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B24

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			11/01/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
PCB-1221	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
PCB-1232	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
PCB-1242	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
PCB-1248	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
PCB-1254	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
PCB-1260	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
PCB-1262	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
PCB-1268	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	97		%	11/04/13	AW	30 - 150 %
% TCMX	107		%	11/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B24

Phoenix I.D.: BF70786

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

November 06, 2013

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Fuss & O'Neill, Inc.
146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70775
Phoenix ID: BF70787

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B25

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			11/01/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
PCB-1221	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
PCB-1232	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
PCB-1242	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
PCB-1248	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
PCB-1254	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
PCB-1260	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
PCB-1262	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
PCB-1268	ND	0.45	mg/kg	11/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	92		%	11/04/13	AW	30 - 150 %
% TCMX	103		%	11/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B25

Phoenix I.D.: BF70787

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:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70775
Phoenix ID: BF70788

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B26

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			11/01/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
PCB-1221	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
PCB-1232	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
PCB-1242	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
PCB-1248	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
PCB-1254	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
PCB-1260	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
PCB-1262	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
PCB-1268	ND	0.41	mg/kg	11/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	110		%	11/04/13	AW	30 - 150 %
% TCMX	96		%	11/04/13	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

November 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70775
Phoenix ID: BF70789

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B27

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			11/01/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.62	mg/kg	11/04/13	AW	3540C/8082
PCB-1221	ND	0.62	mg/kg	11/04/13	AW	3540C/8082
PCB-1232	ND	0.62	mg/kg	11/04/13	AW	3540C/8082
PCB-1242	ND	0.62	mg/kg	11/04/13	AW	3540C/8082
PCB-1248	ND	0.62	mg/kg	11/04/13	AW	3540C/8082
PCB-1254	ND	0.62	mg/kg	11/04/13	AW	3540C/8082
PCB-1260	ND	0.62	mg/kg	11/04/13	AW	3540C/8082
PCB-1262	ND	0.62	mg/kg	11/04/13	AW	3540C/8082
PCB-1268	ND	0.62	mg/kg	11/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	89		%	11/04/13	AW	30 - 150 %
% TCMX	87		%	11/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B27

Phoenix I.D.: BF70789

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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146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70775
Phoenix ID: BF70790

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B28

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			11/01/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.67	mg/kg	11/04/13	AW	3540C/8082
PCB-1221	ND	0.67	mg/kg	11/04/13	AW	3540C/8082
PCB-1232	ND	0.67	mg/kg	11/04/13	AW	3540C/8082
PCB-1242	ND	0.67	mg/kg	11/04/13	AW	3540C/8082
PCB-1248	ND	0.67	mg/kg	11/04/13	AW	3540C/8082
PCB-1254	ND	0.67	mg/kg	11/04/13	AW	3540C/8082
PCB-1260	ND	0.67	mg/kg	11/04/13	AW	3540C/8082
PCB-1262	ND	0.67	mg/kg	11/04/13	AW	3540C/8082
PCB-1268	ND	0.67	mg/kg	11/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	112		%	11/04/13	AW	30 - 150 %
% TCMX	103		%	11/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-B28

Phoenix I.D.: BF70790

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
November 06, 2013
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

November 06, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/31/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70775
Phoenix ID: BF70791

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-DUP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			11/01/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
PCB-1221	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
PCB-1232	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
PCB-1242	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
PCB-1248	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
PCB-1254	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
PCB-1260	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
PCB-1262	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
PCB-1268	ND	0.68	mg/kg	11/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	123		%	11/04/13	AW	30 - 150 %
% TCMX	106		%	11/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103113SV-DUP

Phoenix I.D.: BF70791

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
November 06, 2013
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

November 06, 2013

QA/QC Data

SDG I.D.: GBF70775

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 258500, QC Sample No: BF70755 (BF70775, BF70776, BF70777, BF70778, BF70779, BF70780)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	44	74	50.8				40 - 140	30 r
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	66	89	29.7				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	109	106	105	0.9				30 - 150	30
% TCMX (Surrogate Rec)	99	57	92	47.0				30 - 150	30 r

Comment:

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

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 258595, QC Sample No: BF70949 (BF70781, BF70782, BF70783, BF70784, BF70785, BF70786, BF70787, BF70788, BF70789, BF70790, BF70791)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	98	98	0.0	99	95	4.1	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	107	111	3.7	114	111	2.7	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	123	115	126	9.1	128	129	0.8	30 - 150	30
% TCMX (Surrogate Rec)	99	100	113	12.2	108	102	5.7	30 - 150	30

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
November 06, 2013

Wednesday, November 06, 2013

Requested Criteria: None

State: CT

Sample Criteria Exceedences Report

GBF70775 - FO-PCB

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:** F&O-PCB

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

Laboratory Sample ID(s): BF70775, BF70776, BF70777, BF70778, BF70779, BF70780, BF70781, BF70782, BF70783, BF70784, BF70785, BF70786, BF70787, BF70788, BF70789, BF70790, BF70791

Sampling Date(s): 10/31/2013

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 knowlegde 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, November 06, 2013

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

November 06, 2013

SDG I.D.: GBF70775

The samples were received by the laboratory at a temperature of 12 degrees C and were cooled immediately. Significant bias is not suspected.

PCB Narration

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

QC Batch 258500 (Samples: BF70775, BF70776, BF70777, BF70778, BF70779, BF70780): ----

The LCS/LCSD RPD exceeds the method criteria for PCB-1016. This analyte was not reported in the samples, so sample variability is not suspected.

The LCS/LCSD RPD exceeds the method criteria for the surrogate %TCMX. Therefore, there may be variability in the reported result.

Instrument: Au-ecd24 11/04/13-1 (BF70781, BF70782, BF70783, BF70788, BF70789, BF70790, BF70791)

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: 11/4/2013

Instrument: Au-ecd5 11/04/13-1 (BF70784, BF70785, BF70786, BF70787)

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: 11/4/2013

Instrument: Au-ecd8 11/01/13-1 (BF70775, BF70776, BF70777, BF70778, BF70779, BF70780)

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

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

November 06, 2013

SDG I.D.: GBF70775

Printed Name	Adam Werner
Position:	Chemist
Date:	11/1/2013

QC Comments: QC Batch 258500 10/31/13 (BF70775, BF70776, BF70777, BF70778, BF70779, BF70780)

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

QC (Batch Specific)

------- Sample No: BF70755, QA/QC Batch: 258500 -------

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: % TCMX (Surrogate Rec)(47.0%), PCB-1016(50.8%)

------- Sample No: BF70949, QA/QC Batch: 258595 -------

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 12°C.
(Note acceptance criteria is above freezing up to 6°C)

12° w/ CTIP

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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
- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1176

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

PROJECT NAME: DISCOVERY ACADEMY
PROJECT LOCATION: 176 CUMBERLAND AVE WETHERSFIELD CT
PROJECT NUMBER: 20110979.A2E
LABORATORY: PHOENIX

REPORT TO: KATHLEEN PANE
INVOICE TO: KARRON REDFIELD
P.O. NO.: 20110979.A2E
Sampler's Signature: [signature] Date: 10-31-13

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

Analysis Request: EPA 8082 / 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	EPA 8082 / 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
1	/				103113-SV-B01	X	103113		/	70775			1									1 2
2	/				-B02	↓	↓		/	70776			1									1 2
3	/				-B05	↓	↓		/	70777			1									1 2
4	/				-B06	↓	↓		/	70778			1									1 2
5	/				-B09	↓	↓		/	70779			1									1 3
6					-B10	↓	↓		/	70780			1									1 3
7					-B13	↓	↓		/	70781			1									1 3
8					-B14	↓	↓		/	70782			1									1 3
9					-B17	↓	↓		/	70783			1									1 4
10					-B18	↓	↓		/	70784			1									1 4

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	CParadise	10/31/13	1648
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: KITCHEN NORTH
1 SAMPLE @ 0.0"-0.5" DEPTH
2 EAST WINDOW
3 CENTER WINDOW
4 WEST WINDOW
SAMPLES 7, 8, 15, 16 not submitted

12°w/c +1/0

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- ☐ 56 Quarry Road, Trumbull, CT 06611
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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 1177

☐ 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: Karron Redfield
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 10-31-13

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

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	Plastic - As is, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] 500 ml	Plastic - HNO_3, 250 ml [ ] Filtered	Plastic - NaOH, 250 ml	Comments
11	✓				103113-SV- ~~B-21~~ B21	X	10-31-13		✓			70785			1						1 4
12	✓				-B24 ~~-B22~~	↓	↓		✓			70786			1						1 5
13	✓				-B25				✓			70787			1						1 5
14	✓				-B26				✓			70788			1						1 5
15	✓				-B27				✓			70789			1						1 5
16	✓				-B28				✓			70790			1						1 5
17	✓				-DUP				✓			70791			1						1 5

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	Cparadise	10/31/13	1164
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: KITCHEN NORTH
1 SAMPLE @ 0.0"-0.5" DEPTH
4 WEST WINDOW
5 DOOR

SAMPLES 22, 23 not submitted

PHOENIX
Environmental Laboratories, Inc

Tuesday, November 05, 2013

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

Project ID: DISCOVERY ACADEMY
Sample ID#s: BF70745 - BF70768

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

November 05, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70745

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	10/31/13	I	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	113		%	11/01/13	AW	30 - 150 %
% TCMX	101		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B01

Phoenix I.D.: BF70745

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
November 05, 2013
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

November 05, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70746

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B02

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	10/31/13	I	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	116		%	11/01/13	AW	30 - 150 %
% TCMX	102		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B02

Phoenix I.D.: BF70746

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
November 05, 2013
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

November 05, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70747

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B08

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	10/31/13	I	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	107		%	11/01/13	AW	30 - 150 %
% TCMX	98		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B08

Phoenix I.D.: BF70747

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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November 05, 2013
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Analysis Report

November 05, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70748

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B09

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	10/31/13	I	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	120		%	11/01/13	AW	30 - 150 %
% TCMX	106		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B09

Phoenix I.D.: BF70748

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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November 05, 2013
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Analysis Report

November 05, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70749

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	10/31/13	I	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	120		%	11/01/13	AW	30 - 150 %
% TCMX	107		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B10

Phoenix I.D.: BF70749

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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November 05, 2013
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

November 05, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70750

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	10/31/13	I	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	122		%	11/01/13	AW	30 - 150 %
% TCMX	105		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B11

Phoenix I.D.: BF70750

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

November 05, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70751

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	10/31/13	I	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	119		%	11/01/13	AW	30 - 150 %
% TCMX	102		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B12

Phoenix I.D.: BF70751

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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November 05, 2013
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

November 05, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70752

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B13

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	10/31/13	I	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	108		%	11/01/13	AW	30 - 150 %
% TCMX	96		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B13

Phoenix I.D.: BF70752

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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November 05, 2013

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Fuss & O'Neill, Inc.
146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70753

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B14

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	111		%	11/01/13	AW	30 - 150 %
% TCMX	99		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B14

Phoenix I.D.: BF70753

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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November 05, 2013
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Analysis Report

November 05, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70754

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B15

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.998	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.998	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.998	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.998	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.998	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.998	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.998	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.998	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.998	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	114		%	11/01/13	AW	30 - 150 %
% TCMX	97		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B15

Phoenix I.D.: BF70754

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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November 05, 2013
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Analysis Report

November 05, 2013

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Fuss & O'Neill, Inc.
146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70755

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B16

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	104		%	11/01/13	AW	30 - 150 %
% TCMX	96		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B16

Phoenix I.D.: BF70755

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
November 05, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

November 05, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70756

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B17

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.41	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.41	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.41	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.41	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.41	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.41	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.41	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.41	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.41	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	105		%	11/01/13	AW	30 - 150 %
% TCMX	85		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B17

Phoenix I.D.: BF70756

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
November 05, 2013
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

November 05, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70757

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B18

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.98	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.98	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.98	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.98	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.98	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.98	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.98	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.98	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.98	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	11/01/13	AW	30 - 150 %
% TCMX	100		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B18

Phoenix I.D.: BF70757

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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November 05, 2013
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Analysis Report

November 05, 2013

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146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70758

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B19

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.8	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.8	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.8	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.8	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.8	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.8	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.8	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.8	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.8	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	105		%	11/01/13	AW	30 - 150 %
% TCMX	85		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B19

Phoenix I.D.: BF70758

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

November 05, 2013

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146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70759

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B20

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	104		%	11/01/13	AW	30 - 150 %
% TCMX	90		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B20

Phoenix I.D.: BF70759

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

November 05, 2013

FOR: Attn: Ms Kathleen Pane
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146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70760

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B21

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.62	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.62	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.62	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.62	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.62	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.62	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.62	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.62	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.62	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	106		%	11/01/13	AW	30 - 150 %
% TCMX	93		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B21

Phoenix I.D.: BF70760

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

November 05, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70761

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B22

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.74	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.74	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.74	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.74	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.74	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.74	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.74	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.74	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.74	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	101		%	11/01/13	AW	30 - 150 %
% TCMX	88		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B22

Phoenix I.D.: BF70761

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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November 05, 2013
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Analysis Report

November 05, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70762

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B23

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.91	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.91	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.91	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.91	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.91	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.91	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.91	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.91	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.91	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	98		%	11/01/13	AW	30 - 150 %
% TCMX	110		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B23

Phoenix I.D.: BF70762

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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146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70763

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B24

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.92	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	91		%	11/01/13	AW	30 - 150 %
% TCMX	104		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B24

Phoenix I.D.: BF70763

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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November 05, 2013
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Analysis Report

November 05, 2013

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146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70764

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B25

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.56	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.56	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.56	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.56	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.56	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.56	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.56	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.56	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.56	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	109		%	11/01/13	AW	30 - 150 %
% TCMX	88		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B25

Phoenix I.D.: BF70764

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:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70765

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B26

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.61	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.61	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.61	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.61	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.61	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.61	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.61	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.61	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.61	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	104		%	11/01/13	AW	30 - 150 %
% TCMX	93		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B26

Phoenix I.D.: BF70765

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
November 05, 2013
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

November 05, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70766

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B27

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.48	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.48	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.48	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.48	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.48	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.48	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.48	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.48	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.48	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	98		%	11/01/13	AW	30 - 150 %
% TCMX	102		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B27

Phoenix I.D.: BF70766

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
November 05, 2013
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

November 05, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70767

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B28

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	11/01/13	AW	30 - 150 %
% TCMX	111		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-B28

Phoenix I.D.: BF70767

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
November 05, 2013
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

November 05, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/30/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/31/13	16:48
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF70745
Phoenix ID: BF70768

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-DUP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	11/01/13	LB	E160.3
Extraction for PCB	Completed			10/31/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.45	mg/kg	11/01/13	AW	3540C/8082
PCB-1221	ND	0.45	mg/kg	11/01/13	AW	3540C/8082
PCB-1232	ND	0.45	mg/kg	11/01/13	AW	3540C/8082
PCB-1242	ND	0.45	mg/kg	11/01/13	AW	3540C/8082
PCB-1248	ND	0.45	mg/kg	11/01/13	AW	3540C/8082
PCB-1254	ND	0.45	mg/kg	11/01/13	AW	3540C/8082
PCB-1260	ND	0.45	mg/kg	11/01/13	AW	3540C/8082
PCB-1262	ND	0.45	mg/kg	11/01/13	AW	3540C/8082
PCB-1268	ND	0.45	mg/kg	11/01/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	85		%	11/01/13	AW	30 - 150 %
% TCMX	98		%	11/01/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 103013-SV-DUP

Phoenix I.D.: BF70768

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
November 05, 2013
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

November 05, 2013 | **QA/QC Data** | **SDG I.D.: GBF70745**

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 258483, QC Sample No: BF70484 (BF70745, BF70746, BF70747, BF70748, BF70749, BF70750, BF70751, BF70752, BF70753, BF70754)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	87	89	2.3	89	92	3.3	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	92	95	3.2	96	98	2.1	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	96	98	99	1.0	113	120	6.0	30 - 150	30
% TCMX (Surrogate Rec)	93	95	97	2.1	98	101	3.0	30 - 150	30
QA/QC Batch 258500, QC Sample No: BF70755 (BF70755, BF70756, BF70757, BF70758, BF70759, BF70760, BF70761, BF70762, BF70763, BF70764, BF70765, BF70766, BF70767, BF70768)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	44	74	50.8				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	66	89	29.7				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	109	106	105	0.9				30 - 150	30
% TCMX (Surrogate Rec)	99	57	92	47.0				30 - 150	30

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

Phyllis Shiller, Laboratory Director
November 05, 2013

Tuesday, November 05, 2013

Requested Criteria: None

State: CT

Sample Criteria Exceedences Report

GBF70745 - FO-PCB

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:** F&O-PCB

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

Laboratory Sample ID(s): BF70745, BF70746, BF70747, BF70748, BF70749, BF70750, BF70751, BF70752, BF70753, BF70754, BF70755, BF70756, BF70757, BF70758, BF70759, BF70760, BF70761, BF70762, BF70763, BF70764, BF70765, BF70766, BF70767, BF70768

Sampling Date(s): 10/30/2013

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 knowlegde 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: Tuesday, November 05, 2013

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

November 05, 2013

SDG I.D.: GBF70745

The samples were received by the laboratory at a temperature of 12 degrees C and were cooled immediately. Significant bias is not suspected.

PCB Narration

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

QC Batch 258500 (Samples: BF70755, BF70756, BF70757, BF70758, BF70759, BF70760, BF70761, BF70762, BF70763, BF70764, BF70765, BF70766, BF70767, BF70768): -----

The LCS/LCSD RPD exceeds the method criteria for PCB-1016. This analyte was not reported in the samples, therefore sample variability is not suspected.

The LCS/LCSD RPD exceeds the method criteria for the surrogate %TCMX, therefore there may be variability in the reported result.

Instrument: Au-ecd3 11/01/13-1 (BF70755)

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: 11/1/2013

Instrument: Au-ecd5 11/01/13-1 (BF70745, BF70746, BF70747, BF70748, BF70749, BF70750, BF70751, BF70752, BF70753, BF70754, BF70756, BF70758, BF70759, BF70760, BF70761, BF70764, BF70765)

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: 11/1/2013

Instrument: Au-ecd6 11/01/13-1 (BF70755)

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.
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

November 05, 2013

SDG I.D.: GBF70745

Printed Name Adam Werner
Position: Chemist
Date: 11/1/2013

Instrument: Au-ecd8 11/01/13-1 (BF70757, BF70762, BF70763, BF70766, BF70767, BF70768)

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: 11/1/2013

QC Comments: QC Batch 258500 10/31/13 (BF70755, BF70756, BF70757, BF70758, BF70759, BF70760, BF70761, BF70762, BF70763, BF70764, BF70765, BF70766, BF70767, BF70768)

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

QC (Site Specific)

--------- Sample No: BF70755, QA/QC Batch: 258500 ---------

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: % TCMX (Surrogate Rec)(47.0%), PCB-1016(50.8%)

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: BF70484, QA/QC Batch: 258483 ---------

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 12°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 nelac NY # 11301

RCP Certification Report

November 05, 2013

SDG I.D.: GBF70745

12°W/C+IP

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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
- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1172

[redacted]

☐ 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: KARRON REDFIELD
P.O. NO.: 20110979.A2E
Sampler's Signature: [signature] Date: 10-30-13

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

Analysis Request: EPA8082/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/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
1	/				103013-SV-B01	X	103013		✓	70745			1									① ②
2	/				-B02	↓	↓		✓	70746			1									① ②
3	/				-B08	↓	↓		✓	70747			1									① ②
4	/				-B09	↓	↓		✓	70748			1									① ②
5	/				-B10	↓	↓		✓	70749			1									① ③
6	/				-B11	↓	↓		✓	70750			1									① ③
7	/				-B12	↓	↓		✓	70751			1									① ③
8	/				-B13	↓	↓		✓	70752			1									① ③
9	/				-B14	↓	↓		✓	70753			1									① ④
10	/				-B15	↓	↓		✓	70754			1									① ④

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	Cparadise	10/31/13	1648
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: CAFETERIA SOUTH/EAST
① SAMPLE @ 0.0"-0.5" DEPTH
② EAST WALL
③ WEST DOOR
④ SOUTH WALL

12° w/C + IP

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- ☐ 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 1173

☐ 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: KARRON REDFIELD
P.O. NO.: 20110979.A2E
Sampler's Signature: [signature] Date: 10-30-13

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

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
11	✓				103013-SV -B16	X	10-30-13		✓	70755			1									① ④
12	✓				-B17	↓	↓		✓	70756			1									① ④
13	✓				-B18	↓	↓		✓	70757			1									① ④
14	✓				-B19	↓	↓		✓	70758			1									① ④
15	✓				-B20	↓	↓		✓	70759			1									① ④
16	✓				-B21	↓	↓		✓	70760			1									① ④
17	✓				-B22	↓	↓		✓	70761			1									① ④
18	✓				-B23	↓	↓		✓	70762			1									① ④
19	✓				-B24	↓	↓		✓	70763			1									① ④
20	✓				-B25	↓	↓		✓	70764			1									① ④

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	CParadise	10/31/13	1648
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: CAFETERIA SOUTH/EAST
① SAMPLE @ 0.0" - 0.5" DEPTH
④ SOUTH WALL

FUSS & O'NEILL ENVIROSCIENCE, LLC
Disciplines to Deliver
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- ☐ 56 Quarry Road, Trumbull, CT 06611
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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

12° W/C + IP

CHAIN-OF-CUSTODY RECORD 1174

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

PROJECT NAME: DISCOVERY ACADEMY
PROJECT LOCATION: 176 CUMBERLAND AVE, WETHERSFIELD CT
PROJECT NUMBER: 20110979.A2E
LABORATORY: PHOENIX

REPORT TO: KATHLEEN PANE
INVOICE TO: KARRON REDFIELD
P.O. NO.: 20110979.A2E
Sampler's Signature: [signature] Date: 10-30-13

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

Analysis Request: EPA 8082/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	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
21					103013-SV-B26	X	10-30-13		✓	70765			1									1 4
22					-B27	↓	↓		✓	70766			1									1 4
23					-B28	↓	↓		✓	70767			1									1 4
24					-DUP	↓	↓		✓	70768			1									1 4

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	CParadise	10/31/13	1648
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: CAFETERIA SOUTH/EAST
1 SAMPLE @ 0.0" - 0.5" DEPTH
4 SOUTH WALL

(2)

PHOENIX
Environmental Laboratories Inc

Monday, October 21, 2013

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

Project ID: DISCOVERY ACADEMY
Sample ID#s: BF64571 - BF64586

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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64571

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-01W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	95		%	10/17/13	AW	30 - 150 %
% TCMX	86		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-01W

Phoenix I.D.: BF64571

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
October 21, 2013
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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64572

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-02W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	88		%	10/17/13	AW	30 - 150 %
% TCMX	80		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-02W

Phoenix I.D.: BF64572

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
October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64573

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-03W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	92		%	10/17/13	AW	30 - 150 %
% TCMX	87		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-03W

Phoenix I.D.: BF64573

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
October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64574

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-04W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	99		%	10/17/13	AW	30 - 150 %
% TCMX	96		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-04W

Phoenix I.D.: BF64574

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
October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64575

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-05W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	10/17/13	AW	30 - 150 %
% TCMX	90		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-05W

Phoenix I.D.: BF64575

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
October 21, 2013
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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64576

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-06W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	109		%	10/17/13	AW	30 - 150 %
% TCMX	94		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-06W

Phoenix I.D.: BF64576

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
October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
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Analysis Report

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64577

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-07W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	98		%	10/17/13	AW	30 - 150 %
% TCMX	86		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-07W

Phoenix I.D.: BF64577

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
October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

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Analysis Report

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64578

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-08W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	104		%	10/17/13	AW	30 - 150 %
% TCMX	96		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-08W

Phoenix I.D.: BF64578

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
October 21, 2013
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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64579

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-09D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	10/17/13	AW	30 - 150 %
% TCMX	91		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-09D

Phoenix I.D.: BF64579

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
October 21, 2013
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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64580

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-10D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	104		%	10/17/13	AW	30 - 150 %
% TCMX	94		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-10D

Phoenix I.D.: BF64580

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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October 21, 2013
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Analysis Report

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64581

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-11D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	108		%	10/17/13	AW	30 - 150 %
% TCMX	96		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-11D

Phoenix I.D.: BF64581

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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October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64582

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-12D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	109		%	10/17/13	AW	30 - 150 %
% TCMX	90		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-12D

Phoenix I.D.: BF64582

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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October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64583

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-13

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	88		%	10/17/13	AW	30 - 150 %
% TCMX	83		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-13

Phoenix I.D.: BF64583

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
October 21, 2013
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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64584

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-14

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	90		%	10/17/13	AW	30 - 150 %
% TCMX	88		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-14

Phoenix I.D.: BF64584

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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October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64585

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-15

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	90		%	10/17/13	AW	30 - 150 %
% TCMX	86		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-15

Phoenix I.D.: BF64585

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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October 21, 2013
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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64586

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-16

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	90		%	10/17/13	AW	30 - 150 %
% TCMX	85		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-16

Phoenix I.D.: BF64586

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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October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

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

QA/QC Report

October 21, 2013

QA/QC Data

SDG I.D.: GBF64571

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 257218, QC Sample No: BF64567 (BF64571, BF64572, BF64573, BF64574, BF64575, BF64576, BF64577, BF64578, BF64579, BF64580, BF64581, BF64582, BF64583, BF64584, BF64585, BF64586)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	91	89	2.2				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	99	96	3.1				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	89	84	83	1.2				30 - 150	30
% TCMX (Surrogate Rec)	108	105	100	4.9				30 - 150	30

Comment:

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

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
October 21, 2013

Monday, October 21, 2013

Requested Criteria: None

State: CT

Sample Criteria Exceedences Report

GBF64571 - FO-PCB

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:** F&O-PCB

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

Laboratory Sample ID(s): BF64571, BF64572, BF64573, BF64574, BF64575, BF64576, BF64577, BF64578, BF64579, BF64580, BF64581, BF64582, BF64583, BF64584, BF64585, BF64586

Sampling Date(s): 10/15/2013

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 knowlegde 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: Monday, October 21, 2013

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

October 21, 2013

SDG I.D.: GBF64571

PCB Narration

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

Instrument: Au-ecd6 10/17/13-1 (BF64571, BF64572, BF64573, BF64574, BF64575, BF64576, BF64577, BF64578, BF64579, BF64580, BF64581, BF64582, BF64583, BF64584, BF64585, BF64586)

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: 10/17/2013

QC Comments: QC Batch 257218 10/16/13 (BF64571, BF64572, BF64573, BF64574, BF64575, BF64576, BF64577, BF64578, BF64579, BF64580, BF64581, BF64582, BF64583, BF64584, BF64585, BF64586)

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

QC (Batch Specific)

---------- Sample No: BF64567, QA/QC Batch: 257218 ----------

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 6°C.
(Note acceptance criteria is above freezing up to 6°C)

6" W/C+IP

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- ☑ 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
- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1167

[redacted]

☐ 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: KARRON REDFIELD
P.O. NO.: 20110979.A2E
Sampler's Signature: [signature] Date: 10-15-13

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

Analysis Request: EPA 8082 / 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	EPA 8082 / SOXHLET																	Comments
1	✓				101513-SV-01W	X	10-15-13		✓			64571				1										① ④
2	✓				-02W	X			✓			64572				1										① ④
3	✓				-03W	X			✓			64573				1										① ④
4	✓				-04W	X			✓			64574				1										① ④
5	✓				-05W	X			✓			64575				1										① ④
6	✓				-06W	X			✓			64576				1										① ④
7	✓				-07W	X			✓			64577				1										① ④
8	✓				-08W	X			✓			64578				1										① ④
9	✓				-09D	X			✓			64579				1										② ④
10	✓				-10D	X			✓			64580				1										② ④

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	CParadise	10/16/13	1549
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments:
① GARAGE CONNECTOR EAST - WINDOW
② ~~GARAGE~~ GARAGE CONNECTOR EAST - DOOR
③ GARAGE NORTHEAST - DOOR
④ SAMPLE @ 0.0"-0.5" DEPTH

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- ☐ 56 Quarry Road, Trumbull, CT 06611
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- ☐ 50 Redfield Street, Suite 100, Boston, MA 02122
- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

6" W/C + IP

CHAIN-OF-CUSTODY RECORD 1168

☐ 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: KARRON REDFIELD
P.O. NO.: 20110979.A2E
Sampler's Signature: [signature] Date: 10-15-13

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

Analysis Request: EPA 8082 / 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	EPA 8082 / SOXHLET																			Comments
11	✓				101513-SV-11D	X	10-15-13		✓			6	4	5	8	1			1									② ④
12	✓				-12D	X	↓		✓			6	4	5	8	2			1									② ④
13	✓				-13	X	↓		✓			6	4	5	8	3			1									③ ④
14	✓				-14	X	↓		✓			6	4	5	8	4			1									③ ④
15	✓				-15	X	↓		✓			6	4	5	8	5			1									③ ④
16	✓				-16	X	↓		✓			6	4	5	8	6			1									③ ④

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	CParadise	10/16/13	1549
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments:
① GARAGE CONNECTOR EAST - WINDOW
② GARAGE CONNECTOR EAST - DOOR
③ GARAGE NORTHEAST - DOOR
④ SAMPLE @ 0.0"-0.5" DEPTH

PHOENIX
Environmental Laboratories, Inc.

Monday, October 28, 2013

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

Project ID: FUTURE CREC DISCOVERY ACADEMY
Sample ID#s: BF67449 - BF67451

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

October 28, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	KN	10/22/13	15:00
Location Code:	F&O-PCB	Received by:	LPB	10/23/13	17:36
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF67449
Phoenix ID: BF67449

Project ID: FUTURE CREC DISCOVERY ACADEMY
Client ID: KN10222013-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	10/23/13	I	E160.3
Extraction for PCB	Completed			10/23/13	BB/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	115		%	10/24/13	AW	30 - 150 %
% TCMX	98		%	10/24/13	AW	30 - 150 %

Project ID: FUTURE CREC DISCOVERY ACADEMY
Client ID: KN10222013-01

Phoenix I.D.: BF67449

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
October 28, 2013
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

October 28, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	KN	10/22/13	15:00
Location Code:	F&O-PCB	Received by:	LPB	10/23/13	17:36
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF67449
Phoenix ID: BF67450

Project ID: FUTURE CREC DISCOVERY ACADEMY
Client ID: KN10222013-02

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	10/23/13	I	E160.3
Extraction for PCB	Completed			10/23/13	BB/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	111		%	10/24/13	AW	30 - 150 %
% TCMX	108		%	10/24/13	AW	30 - 150 %

Project ID: FUTURE CREC DISCOVERY ACADEMY
Client ID: KN10222013-02

Phoenix I.D.: BF67450

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
October 28, 2013
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

October 28, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	KN	10/22/13	15:00
Location Code:	F&O-PCB	Received by:	LPB	10/23/13	17:36
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF67449
Phoenix ID: BF67451

Project ID: FUTURE CREC DISCOVERY ACADEMY
Client ID: KN10222013-03

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	10/23/13	I	E160.3
Extraction for PCB	Completed			10/23/13	BB/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	108		%	10/24/13	AW	30 - 150 %
% TCMX	100		%	10/24/13	AW	30 - 150 %

Project ID: FUTURE CREC DISCOVERY ACADEMY
Client ID: KN10222013-03

Phoenix I.D.: BF67451

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
October 28, 2013
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

October 28, 2013

QA/QC Data

SDG I.D.: GBF67449

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 257823, QC Sample No: BF67452 (BF67449, BF67450, BF67451)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	87	90	3.4	92	95	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	84	85	1.2	92	97	5.3	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	81	86	86	0.0	101	107	5.8	30 - 150	30
% TCMX (Surrogate Rec)	83	96	98	2.1	99	101	2.0	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
October 28, 2013

Monday, October 28, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBF67449 - FO-PCB

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:** F&O-PCB

Project Location: FUTURE CREC DISCOVERY AC **Project Number:**

Laboratory Sample ID(s): BF67449, BF67450, BF67451

Sampling Date(s): 10/22/2013

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 knowlegde 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, October 28, 2013

Printed Name: Ethan Lee

Position: Project Manager

Nov 2007

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

October 28, 2013

SDG I.D.: GBF67449

PCB Narration

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

Instrument: Au-ecd6 10/24/13-1 (BF67449, BF67450, BF67451)

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: 10/24/2013

QC (Batch Specific)

-------- Sample No: BF67452, QA/QC Batch: 257823 --------

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° w/c + IP

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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 400, Boston, MA 02122
- [ ] 275 Promenade Street, Suite 350, Providence, RI 02908
- [ ] 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 0470

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

*Surcharge Applies

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

Report To: Kathleen Pane

Invoice To: Karen Redfield

P.O. No.: 20110979.A2E Task 6

Sampler's Signature: Ken Jeck Date: 10/22/13

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

Analysis Request: PCBs 8082 Soxhlet

Containers: Soil VOA Vial, [ ] methanol; Soil VOA Vial, [ ] water; Glass Soil Container [ ] Na_2SO_4; Glass Soil Container (4) 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	PCBs 8082 Soxhlet	Glass Soil Container (4) oz	Other	Comments
1	✓				KN10222013-01	C	10/22/13	3:00p	✓	✓	67449	1
2	✓				" -02	C	↓	↓	✓	✓	67450	↓
3	✓				" -03	C	↓	↓	✓	✓	67451	↓

Transfer Number	Relinquished By	Accepted By	Date	Time
1	Kathleen Pane	C Paradise	10/23/13	1736
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments:
1 Concrete floor associated w/ garage east side floor expansion joint w/ RL < 5ppm.
100113-SV-BULK-06 and subsequent samples

(2)

PHOENIX
Environmental Laboratories, Inc

Monday, October 21, 2013

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

Project ID: DISCOVERY ACADEMY
Sample ID#s: BF64571 - BF64586

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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64571

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-01W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	95		%	10/17/13	AW	30 - 150 %
% TCMX	86		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-01W

Phoenix I.D.: BF64571

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
October 21, 2013
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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64572

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-02W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.57	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	88		%	10/17/13	AW	30 - 150 %
% TCMX	80		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-02W

Phoenix I.D.: BF64572

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
October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64573

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-03W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	92		%	10/17/13	AW	30 - 150 %
% TCMX	87		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-03W

Phoenix I.D.: BF64573

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
October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64574

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-04W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	99		%	10/17/13	AW	30 - 150 %
% TCMX	96		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-04W

Phoenix I.D.: BF64574

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
October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64575

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-05W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	10/17/13	AW	30 - 150 %
% TCMX	90		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-05W

Phoenix I.D.: BF64575

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
October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64576

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-06W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.45	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	109		%	10/17/13	AW	30 - 150 %
% TCMX	94		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-06W

Phoenix I.D.: BF64576

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
October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64577

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-07W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.56	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	98		%	10/17/13	AW	30 - 150 %
% TCMX	86		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-07W

Phoenix I.D.: BF64577

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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October 21, 2013
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Analysis Report

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64578

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-08W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	104		%	10/17/13	AW	30 - 150 %
% TCMX	96		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-08W

Phoenix I.D.: BF64578

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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October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

October 21, 2013

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146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64579

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-09D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.61	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	10/17/13	AW	30 - 150 %
% TCMX	91		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-09D

Phoenix I.D.: BF64579

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
October 21, 2013
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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64580

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-10D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	104		%	10/17/13	AW	30 - 150 %
% TCMX	94		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-10D

Phoenix I.D.: BF64580

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

October 21, 2013

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Fuss & O'Neill, Inc.
146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64581

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-11D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	108		%	10/17/13	AW	30 - 150 %
% TCMX	96		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-11D

Phoenix I.D.: BF64581

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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October 21, 2013
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Analysis Report

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64582

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-12D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.49	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	109		%	10/17/13	AW	30 - 150 %
% TCMX	90		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-12D

Phoenix I.D.: BF64582

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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October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64583

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-13

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.47	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	88		%	10/17/13	AW	30 - 150 %
% TCMX	83		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-13

Phoenix I.D.: BF64583

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
October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64584

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-14

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.39	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	90		%	10/17/13	AW	30 - 150 %
% TCMX	88		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-14

Phoenix I.D.: BF64584

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
October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64585

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-15

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	90		%	10/17/13	AW	30 - 150 %
% TCMX	86		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-15

Phoenix I.D.: BF64585

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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October 21, 2013
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Analysis Report

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/15/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF64571
Phoenix ID: BF64586

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-16

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.38	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	90		%	10/17/13	AW	30 - 150 %
% TCMX	85		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101513-SV-16

Phoenix I.D.: BF64586

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
October 21, 2013
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

QA/QC Report

October 21, 2013

QA/QC Data

SDG I.D.: GBF64571

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 257218, QC Sample No: BF64567 (BF64571, BF64572, BF64573, BF64574, BF64575, BF64576, BF64577, BF64578, BF64579, BF64580, BF64581, BF64582, BF64583, BF64584, BF64585, BF64586)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	91	89	2.2				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	99	96	3.1				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	89	84	83	1.2				30 - 150	30
% TCMX (Surrogate Rec)	108	105	100	4.9				30 - 150	30

Comment:

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

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
October 21, 2013

Monday, October 21, 2013

Requested Criteria: None

State: CT

Sample Criteria Exceedences Report

GBF64571 - FO-PCB

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:** F&O-PCB

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

Laboratory Sample ID(s): BF64571, BF64572, BF64573, BF64574, BF64575, BF64576, BF64577, BF64578, BF64579, BF64580, BF64581, BF64582, BF64583, BF64584, BF64585, BF64586

Sampling Date(s): 10/15/2013

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 knowlegde 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, October 21, 2013

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

October 21, 2013

SDG I.D.: GBF64571

PCB Narration

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

Instrument: Au-ecd6 10/17/13-1 (BF64571, BF64572, BF64573, BF64574, BF64575, BF64576, BF64577, BF64578, BF64579, BF64580, BF64581, BF64582, BF64583, BF64584, BF64585, BF64586)

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: 10/17/2013

QC Comments: QC Batch 257218 10/16/13 (BF64571, BF64572, BF64573, BF64574, BF64575, BF64576, BF64577, BF64578, BF64579, BF64580, BF64581, BF64582, BF64583, BF64584, BF64585, BF64586)

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

QC (Batch Specific)

--------- Sample No: BF64567, QA/QC Batch: 257218 ---------

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 6°C.
(Note acceptance criteria is above freezing up to 6°C)

6" W/C + IP

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- ☑ 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
- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1167

☐ 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: KARRON REDFIELD
P.O. NO.: 20110979.A2E
Sampler's Signature: [signature] Date: 10-15-13

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

Analysis Request: EPA 8082 / 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	EPA 8082 / SOXHLET																	Comments
1	✓				101513-SV-01W	X	10-15-13		✓			64571			1											① ④
2	✓				-02W	X			✓			64572			1											① ④
3	✓				-03W	X			✓			64573			1											① ④
4	✓				-04W	X			✓			64574			1											① ④
5	✓				-05W	X			✓			64575			1											① ④
6	✓				-06W	X			✓			64576			1											① ④
7	✓				-07W	X			✓			64577			1											① ④
8	✓				-08W	X			✓			64578			1											① ④
9	✓				-09D	X			✓			64579			1											② ④
10	✓				-10D	X			✓			64580			1											② ④

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	CParadise	10/16/13	1549
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments:
① GARAGE CONNECTOR EAST - WINDOW
② ~~GARAGE~~ GARAGE CONNECTOR EAST - DOOR
③ GARAGE NORTHEAST - DOOR
④ SAMPLE @ 0.0"-0.5" DEPTH

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- ☑ 146 Hartford Road, Manchester, CT 06040
- ☐ 56 Quarry Road, Trumbull, CT 06611
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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

6" W/C + IP

CHAIN-OF-CUSTODY RECORD 1168

[redacted]

☐ 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: KARRON REDFIELD
P.O. NO.: 20110979.A2E
Sampler's Signature: [signature] Date: 10-15-13

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

Analysis Request: EPA 8082 / 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	EPA 8082 / SOXHLET																			Comments
11	✓				101513-SV-11D	X	10-15-13		✓			6	4	5	8	1			1									② ④
12	✓				-12D	X	↓		✓			6	4	5	8	2			1									② ④
13	✓				-13	X	↓		✓			6	4	5	8	3			1									③ ④
14	✓				-14	X	↓		✓			6	4	5	8	4			1									③ ④
15	✓				-15	X	↓		✓			6	4	5	8	5			1									③ ④
16	✓				-16	X	↓		✓			6	4	5	8	6			1									③ ④

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	OParadise	10/16/13	1549
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments:
① GARAGE CONNECTOR EAST - WINDOW
② GARAGE CONNECTOR EAST - DOOR
③ GARAGE NORTHEAST - DOOR
④ SAMPLE @ 0.0"-0.5" DEPTH

PHOENIX
Environmental Laboratories, Inc.

Monday, October 28, 2013

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

Project ID: FUTURE CREC DISCOVERY ACADEMY
Sample ID#s: BF67449 - BF67451

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
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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

October 28, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	KN	10/22/13	15:00
Location Code:	F&O-PCB	Received by:	LPB	10/23/13	17:36
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF67449
Phoenix ID: BF67449

Project ID: FUTURE CREC DISCOVERY ACADEMY
Client ID: KN10222013-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	10/23/13	I	E160.3
Extraction for PCB	Completed			10/23/13	BB/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	10/24/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	115		%	10/24/13	AW	30 - 150 %
% TCMX	98		%	10/24/13	AW	30 - 150 %

Project ID: FUTURE CREC DISCOVERY ACADEMY
Client ID: KN10222013-01

Phoenix I.D.: BF67449

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
October 28, 2013
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

October 28, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	KN	10/22/13	15:00
Location Code:	F&O-PCB	Received by:	LPB	10/23/13	17:36
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF67449
Phoenix ID: BF67450

Project ID: FUTURE CREC DISCOVERY ACADEMY
Client ID: KN10222013-02

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	10/23/13	I	E160.3
Extraction for PCB	Completed			10/23/13	BB/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	111		%	10/24/13	AW	30 - 150 %
% TCMX	108		%	10/24/13	AW	30 - 150 %

Project ID: FUTURE CREC DISCOVERY ACADEMY
Client ID: KN10222013-02

Phoenix I.D.: BF67450

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
October 28, 2013
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

October 28, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	KN	10/22/13	15:00
Location Code:	F&O-PCB	Received by:	LPB	10/23/13	17:36
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF67449
Phoenix ID: BF67451

Project ID: FUTURE CREC DISCOVERY ACADEMY
Client ID: KN10222013-03

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	10/23/13	I	E160.3
Extraction for PCB	Completed			10/23/13	BB/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/24/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	108		%	10/24/13	AW	30 - 150 %
% TCMX	100		%	10/24/13	AW	30 - 150 %

Project ID: FUTURE CREC DISCOVERY ACADEMY
Client ID: KN10222013-03

Phoenix I.D.: BF67451

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
October 28, 2013
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

October 28, 2013

QA/QC Data

SDG I.D.: GBF67449

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 257823, QC Sample No: BF67452 (BF67449, BF67450, BF67451)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	87	90	3.4	92	95	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	84	85	1.2	92	97	5.3	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	81	86	86	0.0	101	107	5.8	30 - 150	30
% TCMX (Surrogate Rec)	83	96	98	2.1	99	101	2.0	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
October 28, 2013

Monday, October 28, 2013
Requested Criteria: None
State: CT

Sample Criteria Exceedences Report

GBF67449 - FO-PCB

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:** F&O-PCB

Project Location: FUTURE CREC DISCOVERY AC **Project Number:**

Laboratory Sample ID(s): BF67449, BF67450, BF67451

Sampling Date(s): 10/22/2013

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 knowlegde 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, October 28, 2013

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

October 28, 2013

SDG I.D.: GBF67449

PCB Narration

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

Instrument: Au-ecd6 10/24/13-1 (BF67449, BF67450, BF67451)

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: 10/24/2013

QC (Batch Specific)

------- Sample No: BF67452, QA/QC Batch: 257823 -------

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)

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

- [X] 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
- [ ] 275 Promenade Street, Suite 350, Providence, RI 02908
- [ ] 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

1° w/c + IP

CHAIN-OF-CUSTODY RECORD 0470

- [ ] 1 Day*
- [X] 3 Days*
- [ ] Other _____ (days)
- [ ] 2 Days*
- [ ] Standard (____ days)
- *Surcharge Applies

PROJECT NAME	PROJECT LOCATION	PROJECT NUMBER	LABORATORY
Future CREC Discovery Academy	176 Cumberland Road Wethersfield, CT	20110979.A2E	Phoenix

REPORT TO: Kathleen Pane
INVOICE TO: Karran Redfield
P.O. NO.: 20110979.A2E Task 6
Sampler's Signature: Ken Neely Date: 10/22/13

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

Analysis Request: PCBs 8082 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	PCBs 8082 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
1	✓				KN102Z2013-01	C	10/22/13	3:00p	✓			✓			67449						①
2	✓				" -02	C	↓	↓	✓			✓			67450						↓
3	✓				" -03	C	↓	↓	✓			✓			67451						↓

Transfer Number	Relinquished By	Accepted By	Date	Time
1	Kathleen Pane	Paradise	10/23/13	1736
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments:
① Concrete floor associated w/ garage east side floor expansion joint w/ RL < 50ppm. 100113-SV-BULK06 and subsequent samples

PHOENIX
Environmental Laboratories, Inc

Thursday, October 17, 2013

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

Project ID: DISCOVERY ACADEMY
Sample ID#s: BF63555 - BF63571

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

October 17, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/14/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/14/13	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF63555
Phoenix ID: BF63555

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/15/13	LB	E160.3
Extraction for PCB	Completed			10/14/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
PCB-1260	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	78		%	10/15/13	AW	30 - 150 %
% TCMX	84		%	10/15/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-01

Phoenix I.D.: BF63555

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
October 17, 2013
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

October 17, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/14/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/14/13	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF63555
Phoenix ID: BF63556

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-02

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/15/13	LB	E160.3
Extraction for PCB	Completed			10/14/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.71	mg/kg	10/15/13	AW	3540C/8082
PCB-1221	ND	0.71	mg/kg	10/15/13	AW	3540C/8082
PCB-1232	ND	0.71	mg/kg	10/15/13	AW	3540C/8082
PCB-1242	ND	0.71	mg/kg	10/15/13	AW	3540C/8082
PCB-1248	ND	0.71	mg/kg	10/15/13	AW	3540C/8082
PCB-1254	ND	0.71	mg/kg	10/15/13	AW	3540C/8082
PCB-1260	ND	0.71	mg/kg	10/15/13	AW	3540C/8082
PCB-1262	ND	0.71	mg/kg	10/15/13	AW	3540C/8082
PCB-1268	ND	0.71	mg/kg	10/15/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	88		%	10/15/13	AW	30 - 150 %
% TCMX	90		%	10/15/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-02

Phoenix I.D.: BF63556

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
October 17, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

October 17, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/14/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/14/13	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF63555
Phoenix ID: BF63557

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-03

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/15/13	LB	E160.3
Extraction for PCB	Completed			10/14/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.48	mg/kg	10/15/13	AW	3540C/8082
PCB-1221	ND	0.48	mg/kg	10/15/13	AW	3540C/8082
PCB-1232	ND	0.48	mg/kg	10/15/13	AW	3540C/8082
PCB-1242	ND	0.48	mg/kg	10/15/13	AW	3540C/8082
PCB-1248	ND	0.48	mg/kg	10/15/13	AW	3540C/8082
PCB-1254	ND	0.48	mg/kg	10/15/13	AW	3540C/8082
PCB-1260	ND	0.48	mg/kg	10/15/13	AW	3540C/8082
PCB-1262	ND	0.48	mg/kg	10/15/13	AW	3540C/8082
PCB-1268	ND	0.48	mg/kg	10/15/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	103		%	10/15/13	AW	30 - 150 %
% TCMX	94		%	10/15/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-03

Phoenix I.D.: BF63557

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
October 17, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

October 17, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/14/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/14/13	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF63555
Phoenix ID: BF63558

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-04

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/15/13	LB	E160.3
Extraction for PCB	Completed			10/14/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
PCB-1221	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
PCB-1232	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
PCB-1242	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
PCB-1248	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
PCB-1254	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
PCB-1260	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
PCB-1262	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
PCB-1268	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	98		%	10/15/13	AW	30 - 150 %
% TCMX	92		%	10/15/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-04

Phoenix I.D.: BF63558

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
October 17, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

October 17, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/14/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/14/13	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF63555
Phoenix ID: BF63559

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-05

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/15/13	LB	E160.3
Extraction for PCB	Completed			10/14/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.68	mg/kg	10/15/13	AW	3540C/8082
PCB-1221	ND	0.68	mg/kg	10/15/13	AW	3540C/8082
PCB-1232	ND	0.68	mg/kg	10/15/13	AW	3540C/8082
PCB-1242	ND	0.68	mg/kg	10/15/13	AW	3540C/8082
PCB-1248	ND	0.68	mg/kg	10/15/13	AW	3540C/8082
PCB-1254	ND	0.68	mg/kg	10/15/13	AW	3540C/8082
PCB-1260	ND	0.68	mg/kg	10/15/13	AW	3540C/8082
PCB-1262	ND	0.68	mg/kg	10/15/13	AW	3540C/8082
PCB-1268	ND	0.68	mg/kg	10/15/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	94		%	10/15/13	AW	30 - 150 %
% TCMX	93		%	10/15/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-05

Phoenix I.D.: BF63559

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
October 17, 2013
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

October 17, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/14/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/14/13	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF63555
Phoenix ID: BF63560

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-06

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/15/13	LB	E160.3
Extraction for PCB	Completed			10/14/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
PCB-1221	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
PCB-1232	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
PCB-1242	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
PCB-1248	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
PCB-1254	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
PCB-1260	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
PCB-1262	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
PCB-1268	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	82		%	10/15/13	AW	30 - 150 %
% TCMX	95		%	10/15/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-06

Phoenix I.D.: BF63560

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
October 17, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

October 17, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/14/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/14/13	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF63555
Phoenix ID: BF63561

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-07

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/15/13	LB	E160.3
Extraction for PCB	Completed			10/14/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.69	mg/kg	10/15/13	AW	3540C/8082
PCB-1221	ND	0.69	mg/kg	10/15/13	AW	3540C/8082
PCB-1232	ND	0.69	mg/kg	10/15/13	AW	3540C/8082
PCB-1242	ND	0.69	mg/kg	10/15/13	AW	3540C/8082
PCB-1248	ND	0.69	mg/kg	10/15/13	AW	3540C/8082
PCB-1254	ND	0.69	mg/kg	10/15/13	AW	3540C/8082
PCB-1260	ND	0.69	mg/kg	10/15/13	AW	3540C/8082
PCB-1262	ND	0.69	mg/kg	10/15/13	AW	3540C/8082
PCB-1268	ND	0.69	mg/kg	10/15/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	97		%	10/15/13	AW	30 - 150 %
% TCMX	102		%	10/15/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-07

Phoenix I.D.: BF63561

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
October 17, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

October 17, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/14/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/14/13	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF63555
Phoenix ID: BF63562

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-08

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/15/13	LB	E160.3
Extraction for PCB	Completed			10/14/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.44	mg/kg	10/15/13	AW	3540C/8082
PCB-1221	ND	0.44	mg/kg	10/15/13	AW	3540C/8082
PCB-1232	ND	0.44	mg/kg	10/15/13	AW	3540C/8082
PCB-1242	ND	0.44	mg/kg	10/15/13	AW	3540C/8082
PCB-1248	ND	0.44	mg/kg	10/15/13	AW	3540C/8082
PCB-1254	ND	0.44	mg/kg	10/15/13	AW	3540C/8082
PCB-1260	ND	0.44	mg/kg	10/15/13	AW	3540C/8082
PCB-1262	ND	0.44	mg/kg	10/15/13	AW	3540C/8082
PCB-1268	ND	0.44	mg/kg	10/15/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	91		%	10/15/13	AW	30 - 150 %
% TCMX	94		%	10/15/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-08

Phoenix I.D.: BF63562

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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October 17, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

October 17, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/14/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/14/13	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF63555
Phoenix ID: BF63563

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-09

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/15/13	LB	E160.3
Extraction for PCB	Completed			10/14/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
PCB-1221	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
PCB-1232	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
PCB-1242	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
PCB-1248	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
PCB-1254	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
PCB-1260	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
PCB-1262	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
PCB-1268	ND	0.45	mg/kg	10/15/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	98		%	10/15/13	AW	30 - 150 %
% TCMX	96		%	10/15/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-09

Phoenix I.D.: BF63563

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
October 17, 2013
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

October 17, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/14/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/14/13	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF63555
Phoenix ID: BF63564

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/15/13	LB	E160.3
Extraction for PCB	Completed			10/14/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	81		%	10/15/13	AW	30 - 150 %
% TCMX	88		%	10/15/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-10

Phoenix I.D.: BF63564

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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October 17, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

October 17, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/14/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/14/13	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF63555
Phoenix ID: BF63565

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/15/13	LB	E160.3
Extraction for PCB	Completed			10/14/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	10/15/13	AW	30 - 150 %
% TCMX	97		%	10/15/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-11

Phoenix I.D.: BF63565

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

October 17, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/14/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/14/13	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF63555
Phoenix ID: BF63566

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/15/13	LB	E160.3
Extraction for PCB	Completed			10/14/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
PCB-1221	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
PCB-1232	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
PCB-1242	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
PCB-1248	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
PCB-1254	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
PCB-1260	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
PCB-1262	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
PCB-1268	ND	0.41	mg/kg	10/15/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	103		%	10/15/13	AW	30 - 150 %
% TCMX	93		%	10/15/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-12

Phoenix I.D.: BF63566

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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October 17, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

October 17, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/14/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/14/13	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF63555
Phoenix ID: BF63567

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-13

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/15/13	LB	E160.3
Extraction for PCB	Completed			10/14/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.49	mg/kg	10/15/13	AW	3540C/8082
PCB-1221	ND	0.49	mg/kg	10/15/13	AW	3540C/8082
PCB-1232	ND	0.49	mg/kg	10/15/13	AW	3540C/8082
PCB-1242	ND	0.49	mg/kg	10/15/13	AW	3540C/8082
PCB-1248	ND	0.49	mg/kg	10/15/13	AW	3540C/8082
PCB-1254	ND	0.49	mg/kg	10/15/13	AW	3540C/8082
PCB-1260	ND	0.49	mg/kg	10/15/13	AW	3540C/8082
PCB-1262	ND	0.49	mg/kg	10/15/13	AW	3540C/8082
PCB-1268	ND	0.49	mg/kg	10/15/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	10/15/13	AW	30 - 150 %
% TCMX	67		%	10/15/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-13

Phoenix I.D.: BF63567

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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October 17, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

October 17, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/14/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/14/13	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF63555
Phoenix ID: BF63568

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-14

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/15/13	LB	E160.3
Extraction for PCB	Completed			10/14/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
PCB-1260	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	10/15/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	110		%	10/15/13	AW	30 - 150 %
% TCMX	100		%	10/15/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-14

Phoenix I.D.: BF63568

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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October 17, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

October 17, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/14/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/14/13	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF63555
Phoenix ID: BF63569

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-15

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/15/13	LB	E160.3
Extraction for PCB	Completed			10/14/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	10/15/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	105		%	10/15/13	AW	30 - 150 %
% TCMX	96		%	10/15/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-15

Phoenix I.D.: BF63569

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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October 17, 2013
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Analysis Report

October 17, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/14/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/14/13	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF63555
Phoenix ID: BF63570

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-16

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/15/13	LB	E160.3
Extraction for PCB	Completed			10/14/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/15/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/15/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/15/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/15/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/15/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/15/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/15/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/15/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/15/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	88		%	10/15/13	AW	30 - 150 %
% TCMX	99		%	10/15/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-16

Phoenix I.D.: BF63570

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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October 17, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

October 17, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/14/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/14/13	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF63555
Phoenix ID: BF63571

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-DUP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/15/13	LB	E160.3
Extraction for PCB	Completed			10/14/13	BB/K	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.53	mg/kg	10/15/13	AW	3540C/8082
PCB-1221	ND	0.53	mg/kg	10/15/13	AW	3540C/8082
PCB-1232	ND	0.53	mg/kg	10/15/13	AW	3540C/8082
PCB-1242	ND	0.53	mg/kg	10/15/13	AW	3540C/8082
PCB-1248	ND	0.53	mg/kg	10/15/13	AW	3540C/8082
PCB-1254	ND	0.53	mg/kg	10/15/13	AW	3540C/8082
PCB-1260	ND	0.53	mg/kg	10/15/13	AW	3540C/8082
PCB-1262	ND	0.53	mg/kg	10/15/13	AW	3540C/8082
PCB-1268	ND	0.53	mg/kg	10/15/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	92		%	10/15/13	AW	30 - 150 %
% TCMX	104		%	10/15/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101413-SV-BW-DUP

Phoenix I.D.: BF63571

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

Comments:

DUPLICATE INCLUDED

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October 17, 2013
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QA/QC Report

October 17, 2013

QA/QC Data

SDG I.D.: GBF63555

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 257011, QC Sample No: BF63555 (BF63555, BF63556, BF63557, BF63558, BF63559, BF63560, BF63561, BF63562, BF63563, BF63564, BF63565, BF63566, BF63567, BF63568, BF63569, BF63570, BF63571)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	97	104	7.0				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	109	107	1.9				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	95	101	101	0.0				30 - 150	30
% TCMX (Surrogate Rec)	100	111	113	1.8				30 - 150	30

Comment:

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

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
October 17, 2013

Thursday, October 17, 2013

Requested Criteria: None

State: CT

Sample Criteria Exceedences Report

GBF63555 - FO-PCB

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:** F&O-PCB

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

Laboratory Sample ID(s): BF63555, BF63556, BF63557, BF63558, BF63559, BF63560, BF63561, BF63562, BF63563, BF63564, BF63565, BF63566, BF63567, BF63568, BF63569, BF63570, BF63571

Sampling Date(s): 10/14/2013

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 knowlegde 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, October 17, 2013

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

October 17, 2013

SDG I.D.: GBF63555

PCB Narration

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

Instrument: Au-ecd5 10/15/13-1 (BF63555, BF63570, BF63571)

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: 10/15/2013

Instrument: Au-ecd7 10/15/13-1 (BF63555, BF63556, BF63557, BF63558, BF63559, BF63560, BF63561, BF63562, BF63563, BF63564, BF63565, BF63566, BF63567, BF63568, BF63569)

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: 10/15/2013

QC Comments: QC Batch 257011 10/14/13 (BF63555, BF63556, BF63557, BF63558, BF63559, BF63560, BF63561, BF63562, BF63563, BF63564, BF63565, BF63566, BF63567, BF63568, BF63569, BF63570, BF63571)

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

QC (Site Specific)

-------- Sample No: BF63555, QA/QC Batch: 257011 -------

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.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 17, 2013

SDG I.D.: GBF63555

Temperature Narration

The samples were received at 5C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)

5 001c ice pa

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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
- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1164

☐ 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: Karron Redfield
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 10-14-13

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

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; Plastic - As is, [ ] 250 ml; Plastic - H_2SO_4, [ ] 250 ml; Plastic - HNO_3, 250 ml; Plastic - NaOH, 250 ml; Plastic - $Na(SO_4)_2$, [ ] 500 ml; [ ] 1000 ml; [ ] 500 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	Plastic - As is, [ ] 250 ml	Plastic - H_2SO_4, [ ] 250 ml	Plastic - HNO_3, 250 ml	Plastic - NaOH, 250 ml	Comments
1	✓				101413-SV-BW-01	X	10-14-13		✓			1		63555							①②
2	✓				BW-02	X	↓		✓			1		63556							①②
3	✓				BW-03	X			✓			1		63557							①②
4	✓				BW-04	X			✓			1		63558							①②
5	✓				BW-05	X			✓			1		63559							①②
6	✓				BW-06	X			✓			1		63560							①②
7	✓				BW-07	X			✓			1		63561							①②
8	✓				BW-08	X			✓			1		63562							①②
9	✓				BW-09	X			✓			1		63563							①②
10	✓				BW-10	X	↓		✓			1		63564							①②

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	10/14/13	16:00
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: GARAGE NORTH
① WINDOW JOINT
② SAMPLE @0.0"-0.5" DEPTH

500K
14 pg

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- ☐ 1419 Richland Street, Columbia, SC 29201
- ☐ 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 1150

☐ 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: Karron Redfield
P.O. No.: 20110979.A2E
Sampler's Signature: Stacy Vandenweer Date: 10-14-13

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

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	Soil VOA Vial	Glass Soil Container	Glass Soil Container	Other	Water VOA Vial	Glass Amber	Plastic - As is	Plastic - H_2SO_4	Plastic - HNO_3	Plastic - NaOH	Comments
11	✓				101413-SV-BD-11	X	10-14-13		✓			1			635565						2 3
12	✓				-BD-12	X	↓		✓			1			635566						2 3
13	✓				-BD-13	X			✓			1			635567						2 3
14	✓				-BD-14	X			✓			1			635568						2 3
15	✓				-BD-15	X			✓			1			635569						2 3
16	✓				-BD-16	X			✓			1			635570						2 3
17	✓				-DUP	X			✓			1			635571						2

Transfer Number	Relinquished By	Accepted By	Date	Time
1	Stacy Vandenweer	[illegible]	10/14/13	1610
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: GARAGE NORTH
2 SAMPLE @ 0.0" - 0.5" DEPTH
3 DOOR JOINT

PHOENIX
Environmental Laboratories, Inc.

Monday, October 21, 2013

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

Project ID: DISCOVERY ACADEMY
Sample ID#s: BF64552 - BF64570

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
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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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/16/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64552

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WW 01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	84		%	10/17/13	AW	30 - 150 %
% TCMX	102		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WW 01

Phoenix I.D.: BF64552

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
October 21, 2013
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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/16/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64553

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WW 02

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	10/16/13	W	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	87		%	10/17/13	AW	30 - 150 %
% TCMX	107		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WW 02

Phoenix I.D.: BF64553

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
October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/16/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64554

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WW 03

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	98		%	10/16/13	W	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	85		%	10/17/13	AW	30 - 150 %
% TCMX	101		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WW 03

Phoenix I.D.: BF64554

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
October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/16/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64555

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WE 04

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	10/16/13	W	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	82		%	10/17/13	AW	30 - 150 %
% TCMX	99		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WE 04

Phoenix I.D.: BF64555

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
October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

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

Analysis Report

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/16/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64556

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WE 05

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	10/16/13	W	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	87		%	10/17/13	AW	30 - 150 %
% TCMX	96		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WE 05

Phoenix I.D.: BF64556

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
October 21, 2013
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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/16/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64557

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WE 06

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	10/16/13	W	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	89		%	10/17/13	AW	30 - 150 %
% TCMX	105		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WE 06

Phoenix I.D.: BF64557

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
October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Location Code:	F&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64558

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-D 07

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	10/16/13	W	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	86		%	10/17/13	AW	30 - 150 %
% TCMX	102		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-D 07

Phoenix I.D.: BF64558

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&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64559

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-D 08

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	90		%	10/17/13	AW	30 - 150 %
% TCMX	107		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-D 08

Phoenix I.D.: BF64559

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:	SV	10/16/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64560

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-D 09

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/18/13	LB	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	91		%	10/17/13	AW	30 - 150 %
% TCMX	111		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-D 09

Phoenix I.D.: BF64560

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

October 21, 2013

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146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/16/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64561

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-D 10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	10/16/13	W	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	86		%	10/17/13	AW	30 - 150 %
% TCMX	100		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-D 10

Phoenix I.D.: BF64561

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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146 Hartford Road
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Matrix:	SOLID	Collected by:	SV	10/16/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64562

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-H 11

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	10/16/13	W	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	83		%	10/17/13	AW	30 - 150 %
% TCMX	99		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-H 11

Phoenix I.D.: BF64562

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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146 Hartford Road
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Matrix:	SOLID	Collected by:	SV	10/16/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64563

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-H 12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	10/16/13	W	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	80		%	10/17/13	AW	30 - 150 %
% TCMX	102		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-H 12

Phoenix I.D.: BF64563

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&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64564

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-H 13

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	91		%	10/16/13	W	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.36	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.36	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.36	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.36	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.36	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.36	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.36	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.36	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.36	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	84		%	10/17/13	AW	30 - 150 %
% TCMX	105		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-H 13

Phoenix I.D.: BF64564

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64565

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-H 14

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	93		%	10/16/13	W	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	82		%	10/17/13	AW	30 - 150 %
% TCMX	105		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-H 14

Phoenix I.D.: BF64565

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:	SV	10/16/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64566

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WD 15

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	10/16/13	W	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	80		%	10/17/13	AW	30 - 150 %
% TCMX	99		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WD 15

Phoenix I.D.: BF64566

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
October 21, 2013
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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/16/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64567

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WD 16

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	99		%	10/16/13	W	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	110		%	10/17/13	AW	30 - 150 %
% TCMX	100		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WD 16

Phoenix I.D.: BF64567

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
October 21, 2013
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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/16/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64568

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WD 17

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	97		%	10/16/13	W	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.34	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	98		%	10/17/13	AW	30 - 150 %
% TCMX	99		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WD 17

Phoenix I.D.: BF64568

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
October 21, 2013
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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/16/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64569

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WD 18

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	10/16/13	W	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	111		%	10/17/13	AW	30 - 150 %
% TCMX	103		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-WD 18

Phoenix I.D.: BF64569

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
October 21, 2013
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

October 21, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	SV	10/16/13	0:00
Location Code:	F&O-PCB	Received by:	LB	10/16/13	15:49
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF64552
Phoenix ID: BF64570

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-DUP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	95		%	10/16/13	W	E160.3
Extraction for PCB	Completed			10/16/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
PCB-1221	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
PCB-1232	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
PCB-1242	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
PCB-1248	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
PCB-1254	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
PCB-1260	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
PCB-1262	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
PCB-1268	ND	0.35	mg/kg	10/17/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	103		%	10/17/13	AW	30 - 150 %
% TCMX	92		%	10/17/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101613-SV-DUP

Phoenix I.D.: BF64570

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

Comments:

DUPLICATE INCLUDED

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
October 21, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

QA/QC Report

October 21, 2013

QA/QC Data

SDG I.D.: GBF64552

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 257217, QC Sample No: BF64562 (BF64552, BF64553, BF64554, BF64555, BF64556, BF64557, BF64558, BF64559, BF64560, BF64561, BF64562, BF64563, BF64564, BF64565, BF64566)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	69	74	7.0	80	68	16.2	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	77	84	8.7	90	76	16.9	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	100	88	96	8.7	101	85	17.2	30 - 150	30
% TCMX (Surrogate Rec)	88	80	82	2.5	90	80	11.8	30 - 150	30
QA/QC Batch 257218, QC Sample No: BF64567 (BF64567, BF64568, BF64569, BF64570)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	91	89	2.2				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	99	96	3.1				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	89	84	83	1.2				30 - 150	30
% TCMX (Surrogate Rec)	108	105	100	4.9				30 - 150	30

Comment:

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

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
October 21, 2013

Monday, October 21, 2013

Requested Criteria: None

State: CT

Sample Criteria Exceedences Report

GBF64552 - FO-PCB

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:** F&O-PCB

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

Laboratory Sample ID(s): BF64552, BF64553, BF64554, BF64555, BF64556, BF64557, BF64558, BF64559, BF64560, BF64561, BF64562, BF64563, BF64564, BF64565, BF64566, BF64567, BF64568, BF64569, BF64570

Sampling Date(s): 10/16/2013

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 knowlegde 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: Monday, October 21, 2013

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

October 21, 2013

SDG I.D.: GBF64552

PCB Narration

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

Instrument: Au-ecd3 10/17/13-1 (BF64562)

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: 10/17/2013

Instrument: Au-ecd5 10/17/13-1 (BF64552, BF64553, BF64554, BF64555, BF64556, BF64557, BF64558, BF64559, BF64560, BF64561, BF64562, BF64563, BF64564, BF64565, BF64566, BF64567)

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: 10/17/2013

Instrument: Au-ecd6 10/17/13-1 (BF64567, BF64568, BF64569, BF64570)

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: 10/17/2013

QC Comments: QC Batch 257218 10/16/13 (BF64567, BF64568, BF64569, BF64570)

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

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

October 21, 2013

SDG I.D.: GBF64552

QC (Site Specific)

-------- Sample No: BF64562, QA/QC Batch: 257217 --------

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: BF64567, QA/QC Batch: 257218 --------

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 6C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)

6" w/c+Ip

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- ☒ 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
- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1169

☐ 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: Karron Redfield
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 10-16-13

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

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
1	✓				101613-SV-WW01	X	10-16-13		✓			1			64552						1 5
2	✓				-WW02	X			✓			1			64553						1 5
3	✓				-WW03	X			✓			1			64554						1 5
4	✓				-WE04	X			✓			1			64555						1 5
5	✓				-WE05	X			✓			1			64556						1 5
6	✓				-WE06	X			✓			1			64557						1 5
7	✓				-D07	X			✓			1			64558						2 5
8	✓				-D08	X			✓			1			64559						2 5
9	✓				-D09	X			✓			1			64560						2 5
10	✓				-D10	X			✓			1			64561						2 5

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	CParadise	10/16/13	1549
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments:
1. LOADING AREA SOUTH - WALL (W or E)
2. LOADING AREA SOUTH - DOOR
3. GARAGE WEST WALL - HORIZONTAL
4. GARAGE WEST WALL - DOOR
5. SAMPLE @ 0.0"-0.5" DEPTH

6" w/c + IP

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- ☐ 78 Interstate Drive, West Springfield, MA 01089
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- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1170

- ☐ 1 Day*
- ☐ 2 Days*
- ☑ 3 Days*
- ☐ Standard (____ days)
- ☐ Other _____ (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: Karron Redfield
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 10-16-13

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

Analysis Request: EPA8082/SOXHLET

Containers: Soil VOA Vial, [ ] methanol; Soil VOA Vial, [ ] water; Glass Soil Container ( ) Na_2SO_4; Glass Soil Container (4) oz; Other: ( ) oz; 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	Soxhlet	Glass Soil Container (4) oz	Comments
11	✓				101613-SV - ~~DUP~~ H11	X	10-16-13		✓	1	64562 ③⑤
12	✓				- H12	X			✓	1	64563 ③⑤
13	✓				- H13	X			✓	1	64564 ③⑤
14	✓				- H14	X			✓	1	64565 ③⑤
15	✓				- WD15	X			✓	1	64566 ④⑤
16	✓				- WD16	X			✓	1	64567 ④⑤
17	✓				- WD17	X			✓	1	64568 ④⑤
18	✓				- WD18	X			✓	1	64569 ④⑤
19	✓				- DUP	X			✓	1	64570 ①⑤

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	10/16/13	1549
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: ~~②~~ ① GAP LOADING AREA SOUTH - WALL
③ GARAGE WEST WALL - HORIZONTAL
④ GARAGE WEST WALL - DOOR
⑤ SAMPLE @ 0.0" - 0.5" DEPTH

(1)

SV-1A
1B

PHOENIX
Environmental Laboratories, Inc

Wednesday, October 16, 2013

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

Project ID: DISCOVERY ACADEMY
Sample ID#s: BF53227 - BF53228

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

October 16, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/10/13	14:40
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53227
Phoenix ID: BF53227

Project ID: DISCOVERY ACADEMY
Client ID: 101013-SV-1A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/11/13		E160.3
Caulk Extraction for PCB	Completed			10/11/13	BB/X/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.56	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.56	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.56	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.56	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.56	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.56	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	0.7	0.56	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.56	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.56	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	49		%	10/14/13	AW	30 - 150 %
% TCMX	54		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101013-SV-1A

Phoenix I.D.: BF53227

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

Comments:

%Solids assumed 100%

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
October 16, 2013
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

October 16, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/10/13	14:42
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53227
Phoenix ID: BF53228

Project ID: DISCOVERY ACADEMY
Client ID: 101013-SV-1B

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/11/13		E160.3
Caulk Extraction for PCB	Completed			10/11/13	BB/X/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.6	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.6	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.6	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.6	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.6	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.6	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	0.75	0.6	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.6	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.6	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	59		%	10/14/13	AW	30 - 150 %
% TCMX	50		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101013-SV-1B

Phoenix I.D.: BF53228

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

Comments:

%Solids assumed 100%

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
October 16, 2013
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

QA/QC Report

October 16, 2013

QA/QC Data

SDG I.D.: GBF53227

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 256865, QC Sample No: BF53223 (BF53227, BF53228)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	112	110	1.8				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	104	102	1.9				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	112	109	107	1.9				30 - 150	30
% TCMX (Surrogate Rec)	100	101	102	1.0				30 - 150	30

Comment:

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

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
October 16, 2013

Wednesday, October 16, 2013

Requested Criteria: None

State: CT

Sample Criteria Exceedences Report

GBF53227 - FO-PCB

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:** F&O-PCB

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

Laboratory Sample ID(s): BF53227, BF53228

Sampling Date(s): 10/10/2013

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 knowlegde 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: _____

Date: Wednesday, October 16, 2013

Printed Name: Greg Lawrence

Position: 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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 16, 2013

SDG I.D.: GBF53227

PCB Narration

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

Instrument: Au-ecd1 10/14/13-1 (BF53228)

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: 10/14/2013

Instrument: Au-ecd8 10/14/13-1 (BF53227)

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: 10/14/2013

QC Comments: QC Batch 256865 10/11/13 (BF53227, BF53228)

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

QC (Batch Specific)

---------- Sample No: BF53223, QA/QC Batch: 256865 ----------

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)

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

October 16, 2013

SDG I.D.: GBF53227

1° w/c + ice + 1°

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
☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1146

☐ 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: Karron Redfield
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 10-10-13

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

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
1	✓				101013-SV-1A	X	10-10-13	1440	✓		53227	1									1
2	✓				101013-SV-1B	X	10-10-13	1442	✓		53228	1									1

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	Paradise	10/11/13	1623
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments:
1 GARAGE EAST EXPANSION FLOOR JOINT CAULK

bulk

PHOENIX
Environmental Laboratories, Inc.

Monday, October 07, 2013

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

Project ID: DISCOVERY ACADEMY FUTURE
Sample ID#s: BF48076

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

Analysis Report

October 07, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	BULK	Collected by:		10/01/13	14:36
Location Code:	F&O-PCB	Received by:	LPB	10/01/13	19:55
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979.A2E				

Laboratory Data

SDG ID: GBF48076
Phoenix ID: BF48076

Project ID: DISCOVERY ACADEMY FUTURE
Client ID: 100113-SV-BULK06

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/01/13		E160.3
Caulk Extraction for PCB	Completed			10/02/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.82	mg/kg	10/03/13	AW	3540C/8082
PCB-1221	ND	0.82	mg/kg	10/03/13	AW	3540C/8082
PCB-1232	ND	0.82	mg/kg	10/03/13	AW	3540C/8082
PCB-1242	ND	0.82	mg/kg	10/03/13	AW	3540C/8082
PCB-1248	ND	0.82	mg/kg	10/03/13	AW	3540C/8082
PCB-1254	ND	0.82	mg/kg	10/03/13	AW	3540C/8082
PCB-1260	ND	0.82	mg/kg	10/03/13	AW	3540C/8082
PCB-1262	ND	0.82	mg/kg	10/03/13	AW	3540C/8082
PCB-1268	ND	0.82	mg/kg	10/03/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	90		%	10/03/13	AW	30 - 150 %
% TCMX	90		%	10/03/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY FUTURE
Client ID: 100113-SV-BULK06

Phoenix I.D.: BF48076

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
October 07, 2013
Reviewed and Released by: Sarah Bell, 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

October 07, 2013

QA/QC Data

SDG I.D.: GBF48076

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 255908, QC Sample No: BF48038 (BF48076)									
Polychlorinated Biphenyls - Bulk									
PCB-1016	ND	89						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						40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	115	126						30 - 150	30
% TCMX (Surrogate Rec)	96	109						30 - 150	30

Comment:

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

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
October 07, 2013

Monday, October 07, 2013

Requested Criteria: None

State: CT

Sample Criteria Exceedences Report

GBF48076 - FO-PCB

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:** F&O-PCB

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

Laboratory Sample ID(s): BF48076

Sampling Date(s): 10/1/2013

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 knowlegde 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, October 07, 2013

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

October 07, 2013

SDG I.D.: GBF48076

The sample was received by the laboratory on the same day as the sampling was performed at a temperature of 10 degrees C and were cooled immediately. Significant bias is not suspected.

PCB Narration

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

Instrument: Au-ecd5 10/03/13-1 (BF48076)

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: 10/3/2013

QC Comments: QC Batch 255908 10/02/13 (BF48076)

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

QC (Batch Specific)

------- Sample No: BF48038, QA/QC Batch: 255908 -------

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

Temperature Narration

The samples in this delivery group were received at 10°C.
(Note acceptance criteria is above freezing up to 6°C)

10 WICE

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

- [x] 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
- [ ] 275 Promenade Street, Suite 350, Providence, RI 02908
- [ ] 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 0469

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

*Surcharge Applies

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

Report To: Kathleen Paine
Invoice To: Karen Redfield
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 10-1-13

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

Analysis Request: PCBs 8082 Soxhlet

Containers: Soil VOA Vial, [ ] methanol; Soil VOA Vial, [ ] water; Glass Soil Container ( ) oz; Glass Soil Container (4) 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	PCBs 8082 Soxhlet	Soil VOA Vial, [ ] methanol	Soil VOA Vial, [ ] water	Glass Soil Container ( ) oz	Glass Soil Container (4) 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	✓				100113-SV-BULK06	X	10/1/13	2:34pm	✓				48076				✓				(1)

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	10/1/13	1955
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: (1) GARAGE - EAST SIDE, FLOOR EXPANSION JOINT

PHOENIX
Environmental Laboratories, Inc.

Wednesday, October 09, 2013

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

Project ID: DISCOVERY ACADEMY
Sample ID#s: BF49558 - BF49573

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

October 09, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/03/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/03/13	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF49558
Phoenix ID: BF49558

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-CSE-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/04/13	LB	E160.3
Extraction for PCB	Completed			10/03/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.4	mg/kg	10/04/13	AW	3540C/8082
PCB-1221	ND	0.4	mg/kg	10/04/13	AW	3540C/8082
PCB-1232	ND	0.4	mg/kg	10/04/13	AW	3540C/8082
PCB-1242	ND	0.4	mg/kg	10/04/13	AW	3540C/8082
PCB-1248	ND	0.4	mg/kg	10/04/13	AW	3540C/8082
PCB-1254	ND	0.4	mg/kg	10/04/13	AW	3540C/8082
PCB-1260	ND	0.4	mg/kg	10/04/13	AW	3540C/8082
PCB-1262	ND	0.4	mg/kg	10/04/13	AW	3540C/8082
PCB-1268	ND	0.4	mg/kg	10/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	104		%	10/04/13	AW	30 - 150 %
% TCMX	76		%	10/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-CSE-01

Phoenix I.D.: BF49558

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
October 09, 2013
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

October 09, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/03/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/03/13	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF49558
Phoenix ID: BF49559

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-CSE-02

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/04/13	LB	E160.3
Extraction for PCB	Completed			10/03/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
PCB-1221	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
PCB-1232	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
PCB-1242	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
PCB-1248	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
PCB-1254	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
PCB-1260	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
PCB-1262	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
PCB-1268	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	103		%	10/04/13	AW	30 - 150 %
% TCMX	91		%	10/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-CSE-02

Phoenix I.D.: BF49559

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
October 09, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

October 09, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/03/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/03/13	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF49558
Phoenix ID: BF49560

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IN-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/04/13	LB	E160.3
Extraction for PCB	Completed			10/03/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
PCB-1221	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
PCB-1232	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
PCB-1242	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
PCB-1248	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
PCB-1254	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
PCB-1260	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
PCB-1262	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
PCB-1268	ND	0.74	mg/kg	10/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	105		%	10/04/13	AW	30 - 150 %
% TCMX	74		%	10/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IN-01

Phoenix I.D.: BF49560

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
October 09, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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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

October 09, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/03/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/03/13	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF49558
Phoenix ID: BF49561

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IN-02

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/04/13	LB	E160.3
Extraction for PCB	Completed			10/03/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/04/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/04/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/04/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/04/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/04/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/04/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/04/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/04/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	94		%	10/04/13	AW	30 - 150 %
% TCMX	76		%	10/04/13	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
October 09, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

October 09, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/03/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/03/13	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF49558
Phoenix ID: BF49562

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IN-03

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/04/13	LB	E160.3
Extraction for PCB	Completed			10/03/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.32	mg/kg	10/04/13	AW	3540C/8082
PCB-1221	ND	0.32	mg/kg	10/04/13	AW	3540C/8082
PCB-1232	ND	0.32	mg/kg	10/04/13	AW	3540C/8082
PCB-1242	ND	0.32	mg/kg	10/04/13	AW	3540C/8082
PCB-1248	ND	0.32	mg/kg	10/04/13	AW	3540C/8082
PCB-1254	ND	0.32	mg/kg	10/04/13	AW	3540C/8082
PCB-1260	0.59	0.32	mg/kg	10/04/13	AW	3540C/8082
PCB-1262	ND	0.32	mg/kg	10/04/13	AW	3540C/8082
PCB-1268	ND	0.32	mg/kg	10/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	91		%	10/04/13	AW	30 - 150 %
% TCMX	79		%	10/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IN-03

Phoenix I.D.: BF49562

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
October 09, 2013
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

October 09, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/03/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/03/13	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF49558
Phoenix ID: BF49563

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IN-04

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/04/13	LB	E160.3
Extraction for PCB	Completed			10/03/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
PCB-1221	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
PCB-1232	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
PCB-1242	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
PCB-1248	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
PCB-1254	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
PCB-1260	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
PCB-1262	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
PCB-1268	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	92		%	10/04/13	AW	30 - 150 %
% TCMX	86		%	10/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IN-04

Phoenix I.D.: BF49563

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
October 09, 2013
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

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

Analysis Report

October 09, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/03/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/03/13	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF49558
Phoenix ID: BF49564

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IN-05

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/04/13	LB	E160.3
Extraction for PCB	Completed			10/03/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
PCB-1221	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
PCB-1232	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
PCB-1242	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
PCB-1248	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
PCB-1254	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
PCB-1260	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
PCB-1262	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
PCB-1268	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	97		%	10/04/13	AW	30 - 150 %
% TCMX	86		%	10/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IN-05

Phoenix I.D.: BF49564

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
October 09, 2013
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

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

Analysis Report

October 09, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/03/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/03/13	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF49558
Phoenix ID: BF49565

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IS-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/04/13	LB	E160.3
Extraction for PCB	Completed			10/03/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.47	mg/kg	10/04/13	AW	3540C/8082
PCB-1221	ND	0.47	mg/kg	10/04/13	AW	3540C/8082
PCB-1232	ND	0.47	mg/kg	10/04/13	AW	3540C/8082
PCB-1242	ND	0.47	mg/kg	10/04/13	AW	3540C/8082
PCB-1248	ND	0.47	mg/kg	10/04/13	AW	3540C/8082
PCB-1254	ND	0.47	mg/kg	10/04/13	AW	3540C/8082
PCB-1260	ND	0.47	mg/kg	10/04/13	AW	3540C/8082
PCB-1262	ND	0.47	mg/kg	10/04/13	AW	3540C/8082
PCB-1268	ND	0.47	mg/kg	10/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	104		%	10/04/13	AW	30 - 150 %
% TCMX	84		%	10/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IS-01

Phoenix I.D.: BF49565

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
October 09, 2013
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

October 09, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/03/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/03/13	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF49558
Phoenix ID: BF49566

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IS-02

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/04/13	LB	E160.3
Extraction for PCB	Completed			10/03/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.69	mg/kg	10/04/13	AW	3540C/8082
PCB-1221	ND	0.69	mg/kg	10/04/13	AW	3540C/8082
PCB-1232	ND	0.69	mg/kg	10/04/13	AW	3540C/8082
PCB-1242	ND	0.69	mg/kg	10/04/13	AW	3540C/8082
PCB-1248	ND	0.69	mg/kg	10/04/13	AW	3540C/8082
PCB-1254	ND	0.69	mg/kg	10/04/13	AW	3540C/8082
PCB-1260	ND	0.69	mg/kg	10/04/13	AW	3540C/8082
PCB-1262	ND	0.69	mg/kg	10/04/13	AW	3540C/8082
PCB-1268	ND	0.69	mg/kg	10/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	102		%	10/04/13	AW	30 - 150 %
% TCMX	93		%	10/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IS-02

Phoenix I.D.: BF49566

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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October 09, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

October 09, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/03/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/03/13	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF49558
Phoenix ID: BF49567

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IS-03

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/04/13	LB	E160.3
Extraction for PCB	Completed			10/03/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
PCB-1221	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
PCB-1232	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
PCB-1242	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
PCB-1248	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
PCB-1254	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
PCB-1260	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
PCB-1262	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
PCB-1268	ND	0.48	mg/kg	10/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	95		%	10/04/13	AW	30 - 150 %
% TCMX	84		%	10/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IS-03

Phoenix I.D.: BF49567

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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October 09, 2013
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Analysis Report

October 09, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/03/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/03/13	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF49558
Phoenix ID: BF49568

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IS-04

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/04/13	LB	E160.3
Extraction for PCB	Completed			10/03/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.73	mg/kg	10/04/13	AW	3540C/8082
PCB-1221	ND	0.73	mg/kg	10/04/13	AW	3540C/8082
PCB-1232	ND	0.73	mg/kg	10/04/13	AW	3540C/8082
PCB-1242	ND	0.73	mg/kg	10/04/13	AW	3540C/8082
PCB-1248	ND	0.73	mg/kg	10/04/13	AW	3540C/8082
PCB-1254	ND	0.73	mg/kg	10/04/13	AW	3540C/8082
PCB-1260	ND	0.73	mg/kg	10/04/13	AW	3540C/8082
PCB-1262	ND	0.73	mg/kg	10/04/13	AW	3540C/8082
PCB-1268	ND	0.73	mg/kg	10/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	95		%	10/04/13	AW	30 - 150 %
% TCMX	85		%	10/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IS-04

Phoenix I.D.: BF49568

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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October 09, 2013
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 09, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/03/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/03/13	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF49558
Phoenix ID: BF49569

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IS-05

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/04/13	LB	E160.3
Extraction for PCB	Completed			10/03/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
PCB-1221	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
PCB-1232	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
PCB-1242	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
PCB-1248	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
PCB-1254	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
PCB-1260	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
PCB-1262	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
PCB-1268	ND	0.49	mg/kg	10/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	98		%	10/04/13	AW	30 - 150 %
% TCMX	84		%	10/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-IS-05

Phoenix I.D.: BF49569

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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October 09, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

October 09, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/03/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/03/13	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF49558
Phoenix ID: BF49570

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-DUP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/04/13	LB	E160.3
Extraction for PCB	Completed			10/03/13	BB/X	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.41	mg/kg	10/04/13	AW	3540C/8082
PCB-1221	ND	0.41	mg/kg	10/04/13	AW	3540C/8082
PCB-1232	ND	0.41	mg/kg	10/04/13	AW	3540C/8082
PCB-1242	ND	0.41	mg/kg	10/04/13	AW	3540C/8082
PCB-1248	ND	0.41	mg/kg	10/04/13	AW	3540C/8082
PCB-1254	ND	0.41	mg/kg	10/04/13	AW	3540C/8082
PCB-1260	ND	0.41	mg/kg	10/04/13	AW	3540C/8082
PCB-1262	ND	0.41	mg/kg	10/04/13	AW	3540C/8082
PCB-1268	ND	0.41	mg/kg	10/04/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	97		%	10/04/13	AW	30 - 150 %
% TCMX	83		%	10/04/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-DUP

Phoenix I.D.: BF49570

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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October 09, 2013
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

October 09, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		10/03/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/03/13	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF49558
Phoenix ID: BF49571

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-WI-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			10/04/13	BB/X	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1221	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1232	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1242	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1248	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1254	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1260	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1262	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1268	ND	1.0	ug	10/07/13	AW	SW8082
QA/QC Surrogates						
% DCBP	108		%	10/07/13	AW	30 - 150 %
% TCMX	85		%	10/07/13	AW	30 - 150 %

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

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Phyllis Shiller, Laboratory Director
October 09, 2013
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Analysis Report

October 09, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		10/03/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/03/13	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF49558
Phoenix ID: BF49572

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-WI-02

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			10/04/13	BB/X	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1221	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1232	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1242	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1248	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1254	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1260	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1262	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1268	ND	1.0	ug	10/07/13	AW	SW8082
QA/QC Surrogates						
% DCBP	109		%	10/07/13	AW	30 - 150 %
% TCMX	73		%	10/07/13	AW	30 - 150 %

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

Comments:

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Phyllis Shiller, Laboratory Director
October 09, 2013
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Analysis Report

October 09, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:		10/03/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/03/13	17:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF49558
Phoenix ID: BF49573

Project ID: DISCOVERY ACADEMY
Client ID: 100313-SV-BLANK

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			10/04/13	BB/X	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1221	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1232	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1242	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1248	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1254	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1260	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1262	ND	1.0	ug	10/07/13	AW	SW8082
PCB-1268	ND	1.0	ug	10/07/13	AW	SW8082
QA/QC Surrogates						
% DCBP	106		%	10/07/13	AW	30 - 150 %
% TCMX	76		%	10/07/13	AW	30 - 150 %

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

Comments:

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
October 09, 2013
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

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

QA/QC Report

October 09, 2013

QA/QC Data

SDG I.D.: GBF49558

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 255014, QC Sample No: BF45865 (BF49571, BF49572, BF49573)									
Polychlorinated Biphenyl									
PCB-1016	ND	103	94	9.1				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	117	108	8.0				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	109	117	108	8.0				30 - 150	30
% TCMX (Surrogate Rec)	95	102	93	9.2				30 - 150	30
Comment:									
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.									
QA/QC Batch 256083, QC Sample No: BF48712 (BF49558, BF49559, BF49560, BF49561, BF49562, BF49563, BF49564, BF49565, BF49566, BF49567, BF49568, BF49569, BF49570)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	78	76	2.6	80			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	75	76	1.3	77			40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	83	75	76	1.3	80			30 - 150	30
% TCMX (Surrogate Rec)	88	90	91	1.1	93			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
October 09, 2013

Wednesday, October 09, 2013

Requested Criteria: None

State: CT

Sample Criteria Exceedences Report

GBF49558 - FO-PCB

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:** F&O-PCB

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

Laboratory Sample ID(s): BF49558, BF49559, BF49560, BF49561, BF49562, BF49563, BF49564, BF49565, BF49566, BF49567, BF49568, BF49569, BF49570, BF49571, BF49572, BF49573

Sampling Date(s): 10/3/2013

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 knowlegde 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, October 09, 2013

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

October 09, 2013

SDG I.D.: GBF49558

PCB Narration

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

Instrument: Au-ecd7 10/04/13-1 (BF49558, BF49559, BF49560, BF49561, BF49562, BF49563, BF49564, BF49566, BF49567, BF49569, BF49570)

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: 10/4/2013

Instrument: Au-ecd7 10/07/13-1 (BF49571, BF49572, BF49573)

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: 10/7/2013

QC Comments: QC Batch 255014 09/26/13 (BF49571, BF49572, BF49573)

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 09, 2013

SDG I.D.: GBF49558

QC (Batch Specific)

-------- Sample No: BF45865, QA/QC Batch: 255014 --------

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: BF48712, QA/QC Batch: 256083 --------

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 3°C.
(Note acceptance criteria is above freezing up to 6°C)

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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

3 coolers + ice

CHAIN-OF-CUSTODY RECORD 1143

☐ 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: Karron Redfield
P.O. No.: 20110979.A2E
Sampler's Signature: Stacy Vandeweer Date: 10-3-13

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

Analysis Request / Containers

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
1	✓				100313-SV-CSE-01	X	10-3-13		1			49558			1									Garage SE
2	✓				-CSE-02	X	↓		1			49559			1									Garage SE
3	✓				100313-SV-IN-01 ~~CSE-03~~	X	↓		1			49560			1									Garage
4	✓				-IN-02 ~~CSE-04~~	X	↓		1			49561			1									↓
5	✓				-IN-03	X	↓		1			49562			1									↓
6	✓				-IN-04	X	↓		1			49563			1									↓
7	✓				-IN-05	X	↓		1			49564			1									↓
8	✓				100313-SV-IS-01	X	↓		1			49565			1									↓
9	✓				-IS-02	X	↓		1			49566			1									↓
10	✓				-IS-03	X	↓		1			49567			1									↓

Transfer Number	Relinquished By	Accepted By	Date	Time
1	Stacy Vandeweer	L. Kinsin	10/3/13	17:23
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments:

3oC + 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 1144

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

Project Name	Project Location	Project Number	Laboratory
Discovery Academy	1716 Cumberland Ave, Wethersfield CT	20110979.A2E	Phoenix

Report To: Kathleen Pane
Invoice To: Karron Redfield
P.O. No.: 20110979.A2E
Sampler's Signature: Stacy Vandenweer Date: 10-3-13

Source Codes:
MW=Monitoring Well PW=Potable Water S=Soil W=Waste
SW=Surface Water T=Treatment Facility B=Sediment A=Air
X=Other 1 - BLOCK ; 2 - WIPE

Analysis Request / Containers

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
11	✓				100313-SV-IS-04	X-1	10-3-13		1			49568			1									GARAGE
12	✓				-IS-05	X-1	↓		1			49569			1									↓
13	✓				100313-SV-DUP	X-1	↓		1			49570			1									↓
14	✓				100313-SV-WI-01	X-2	↓		1			49571			1									GARAGE
15	✓				-WO-02	X-2	↓		1			49572			1									↓
16	✓				-BLANK	X-2	↓		1			49573			1									↓

Transfer Number	Relinquished By	Accepted By	Date	Time
1	Stacy Vandenweer	[illegible]	10/3/13	17:23
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments:

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☐ 50 Redfield Street, Suite 100, Boston, MA 02122
☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

3°C Wk+ice

CHAIN-OF-CUSTODY RECORD 1143

Turnaround
☐ 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: KARRON REDFIELD
P.O. NO.: 20110979.A2E
Sampler's Signature: Stacy Vandeweer Date: 10-3-13

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

Analysis Request: EPA 8082 / 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	EPA 8082 / 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
1	✓				100313-SV-CSE-01	X	10-3-13		1			49558			1									GARAGE SE
2	✓				-CSE-02	X	↓		1			49559			1									GARAGE SE
3	✓				100313-SV-IN-01 ~~CSE-03~~	X	↓		1			49560			1									GARAGE
4	✓				-IN-02 ~~CSE-04~~	X	↓		1			49561			1									↓
5	✓				-IN-03	X	↓		1			49562			1									↓
6	✓				-IN-04	X	↓		1			49563			1									↓
7	✓				-IN-05	X	↓		1			49564			1									↓
8	✓				100313-SV-IS-01	X	↓		1			49565			1									↓
9	✓				-IS-02	X	↓		1			49566			1									↓
10	✓				-IS-03	X	↓		1			49567			1									↓

Transfer Number	Relinquished By	Accepted By	Date	Time
1	Stacy Vandeweer	L. Kinnin	10/3/13	17:23
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments:
Sampling increment is 0-0.5" per Kathleen @ F&O 10-4-13 (SW)

PHOENIX
Environmental Laboratories, Inc

Wednesday, October 16, 2013

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

Project ID: DISCOVERY ACADEMY
Sample ID#s: BF53207 - BF53226

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

October 16, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53207

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B01-W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/XW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.8	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.8	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.8	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.8	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.8	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.8	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.8	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.8	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.8	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	106		%	10/14/13	AW	30 - 150 %
% TCMX	86		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B01-W

Phoenix I.D.: BF53207

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
October 16, 2013
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

October 16, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53208

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B02-W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/XW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	80		%	10/14/13	AW	30 - 150 %
% TCMX	110		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B02-W

Phoenix I.D.: BF53208

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
October 16, 2013
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

October 16, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53209

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B03-W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/X/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.46	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	>150		%	10/14/13	AW	30 - 150 % 3
% TCMX	95		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B03-W

Phoenix I.D.: BF53209

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:

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
October 16, 2013
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

October 16, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53210

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B04-W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/XW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.78	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.78	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.78	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.78	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.78	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.78	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.78	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.78	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.78	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	98		%	10/14/13	AW	30 - 150 %
% TCMX	90		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B04-W

Phoenix I.D.: BF53210

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
October 16, 2013
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

October 16, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53211

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B05-W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/XW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.69	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.69	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.69	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.69	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.69	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.69	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.69	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.69	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.69	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	99		%	10/14/13	AW	30 - 150 %
% TCMX	95		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B05-W

Phoenix I.D.: BF53211

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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October 16, 2013
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Analysis Report

October 16, 2013

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Fuss & O'Neill, Inc.
146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53212

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B06-W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/XW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	10/14/13	AW	30 - 150 %
% TCMX	88		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B06-W

Phoenix I.D.: BF53212

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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October 16, 2013

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Fuss & O'Neill, Inc.
146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53213

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B07-W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/X/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	98		%	10/14/13	AW	30 - 150 %
% TCMX	90		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B07-W

Phoenix I.D.: BF53213

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

October 16, 2013

FOR: Attn: Ms Kathleen Pane
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146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53214

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B08-W

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/X/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.37	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.37	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.37	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.37	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.37	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.37	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.37	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.37	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.37	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	97		%	10/14/13	AW	30 - 150 %
% TCMX	88		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B08-W

Phoenix I.D.: BF53214

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:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53215

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-DUP

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/X/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.64	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.64	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.64	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.64	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.64	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.64	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.64	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.64	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.64	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	92		%	10/14/13	AW	30 - 150 %
% TCMX	84		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-DUP

Phoenix I.D.: BF53215

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:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53216

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B11D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/XW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.57	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.57	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.57	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.57	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.57	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.57	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.57	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.57	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.57	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	10/14/13	AW	30 - 150 %
% TCMX	100		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B11D

Phoenix I.D.: BF53216

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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Matrix:	SOLID	Collected by:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53217

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B12D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/XW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.59	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	10/14/13	AW	30 - 150 %
% TCMX	97		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B12D

Phoenix I.D.: BF53217

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

October 16, 2013

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146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53218

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B13D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/X/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.68	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.68	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.68	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.68	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.68	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.68	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.68	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.68	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.68	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	10/14/13	AW	30 - 150 %
% TCMX	104		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B13D

Phoenix I.D.: BF53218

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:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53219

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B14D

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/X/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.7	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.7	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.7	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.7	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.7	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.7	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.7	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.7	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.7	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	100		%	10/14/13	AW	30 - 150 %
% TCMX	103		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B14D

Phoenix I.D.: BF53219

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

October 16, 2013

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Fuss & O'Neill, Inc.
146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53220

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B15JE

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/XW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	99		%	10/14/13	AW	30 - 150 %
% TCMX	97		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B15JE

Phoenix I.D.: BF53220

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
October 16, 2013
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

October 16, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53221

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B16JE

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/X/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.47	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.47	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.47	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.47	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.47	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.47	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.47	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.47	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.47	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	88		%	10/14/13	AW	30 - 150 %
% TCMX	88		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B16JE

Phoenix I.D.: BF53221

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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October 16, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

Analysis Report

October 16, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53222

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B17JE

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/XW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.5	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	93		%	10/14/13	AW	30 - 150 %
% TCMX	94		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B17JE

Phoenix I.D.: BF53222

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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October 16, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

October 16, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53223

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B18JW

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/XW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.61	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.61	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.61	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.61	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.61	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.61	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.61	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.61	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.61	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	79		%	10/14/13	AW	30 - 150 %
% TCMX	95		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B18JW

Phoenix I.D.: BF53223

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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October 16, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

October 16, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53224

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B19JW

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/XW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.62	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	87		%	10/14/13	AW	30 - 150 %
% TCMX	112		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B19JW

Phoenix I.D.: BF53224

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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October 16, 2013
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Analysis Report

October 16, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53225

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B20JW

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/X/W	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.33	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.33	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.33	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.33	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.33	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.33	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.33	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.33	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.33	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	89		%	10/14/13	AW	30 - 150 %
% TCMX	108		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-B20JW

Phoenix I.D.: BF53225

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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October 16, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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Analysis Report

October 16, 2013

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		10/11/13	0:00
Location Code:	F&O-PCB	Received by:	SW	10/11/13	16:23
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBF53207
Phoenix ID: BF53226

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-DUP 2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	10/14/13	LB	E160.3
Extraction for PCB	Completed			10/11/13	BB/XW	SW3540C
PCB (Soxhlet)						
PCB-1016	ND	0.41	mg/kg	10/14/13	AW	3540C/8082
PCB-1221	ND	0.41	mg/kg	10/14/13	AW	3540C/8082
PCB-1232	ND	0.41	mg/kg	10/14/13	AW	3540C/8082
PCB-1242	ND	0.41	mg/kg	10/14/13	AW	3540C/8082
PCB-1248	ND	0.41	mg/kg	10/14/13	AW	3540C/8082
PCB-1254	ND	0.41	mg/kg	10/14/13	AW	3540C/8082
PCB-1260	ND	0.41	mg/kg	10/14/13	AW	3540C/8082
PCB-1262	ND	0.41	mg/kg	10/14/13	AW	3540C/8082
PCB-1268	ND	0.41	mg/kg	10/14/13	AW	3540C/8082
QA/QC Surrogates						
% DCBP	78		%	10/14/13	AW	30 - 150 %
% TCMX	91		%	10/14/13	AW	30 - 150 %

Project ID: DISCOVERY ACADEMY
Client ID: 101113-SV-DUP 2

Phoenix I.D.: BF53226

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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October 16, 2013
Reviewed and Released by: Ethan Lee, Project Manager

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

QA/QC Report

October 16, 2013

QA/QC Data

SDG I.D.: GBF53207

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 256864, QC Sample No: BF53173 (BF53207, BF53208, BF53209, BF53210, BF53211, BF53212, BF53213, BF53214, BF53215, BF53216, BF53217, BF53218, BF53219, BF53220, BF53221, BF53222)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	92	96	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	95	95	0.0				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	111	109	113	3.6				30 - 150	30
% TCMX (Surrogate Rec)	99	95	103	8.1				30 - 150	30

Comment:

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

QA/QC Batch 256865, QC Sample No: BF53223 (BF53223, BF53224, BF53225, BF53226)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	112	110	1.8				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	104	102	1.9				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	112	109	107	1.9				30 - 150	30
% TCMX (Surrogate Rec)	100	101	102	1.0				30 - 150	30

Comment:

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

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
October 16, 2013

Wednesday, October 16, 2013

Requested Criteria: None

State: CT

Sample Criteria Exceedences Report

GBF53207 - FO-PCB

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:** F&O-PCB

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

Laboratory Sample ID(s): BF53207, BF53208, BF53209, BF53210, BF53211, BF53212, BF53213, BF53214, BF53215, BF53216, BF53217, BF53218, BF53219, BF53220, BF53221, BF53222, BF53223, BF53224, BF53225, BF53226

Sampling Date(s): 10/11/2013

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 knowlegde 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, October 16, 2013

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

October 16, 2013

SDG I.D.: GBF53207

PCB Narration

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

BF53209 - The surrogate %DCBP had a recovery above the method criteria. The other surrogate is acceptable and no analytes were reported in this sample. Therefore, significant bias is not suspected.

Instrument: Au-ecd1 10/14/13-1 (BF53223, BF53224, BF53225, BF53226)

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: 10/14/2013

Instrument: Au-ecd24 10/14/13-1 (BF53207)

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: 10/14/2013

Instrument: Au-ecd5 10/14/13-1 (BF53216, BF53217, BF53218, BF53219, BF53220, BF53221, BF53222)

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: 10/14/2013

Instrument: Au-ecd6 10/14/13-1 (BF53210, BF53211, BF53212, BF53213, BF53214, BF53215)

8082 Narration:

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

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

October 16, 2013

SDG I.D.: GBF53207

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

Printed Name Adam Werner
Position: Chemist
Date: 10/14/2013

Instrument: Au-ecd7 10/14/13-1 (BF53208, BF53209, BF53223)

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: 10/14/2013

QC Comments: QC Batch 256864 10/11/13 (BF53207, BF53208, BF53209, BF53210, BF53211, BF53212, BF53213, BF53214, BF53215, BF53216, BF53217, BF53218, BF53219, BF53220, BF53221, BF53222)

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

QC Comments: QC Batch 256865 10/11/13 (BF53223, BF53224, BF53225, BF53226)

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

QC (Site Specific)

------- Sample No: BF53223, QA/QC Batch: 256865 -------

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.

QC (Batch Specific)

------- Sample No: BF53173, QA/QC Batch: 256864 -------

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.

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RCP Certification Report

October 16, 2013

SDG I.D.: GBF53207

Temperature Narration

The samples were received at 1C with cooling initiated.
(Note acceptance criteria is above freezing up to 6°C)

1°w/c + IP + ice

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- ☐ 56 Quarry Road, Trumbull, CT 06611
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- ☐ 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 1147

☐ 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: KARRON REDFIELD
P.O. NO.: 20110979.A2E
Sampler's Signature: Stacy Vanderveer Date: 10-11-13

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

Analysis Request: EPA 8082/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	EPA 8082/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
1	/				101113-SV-B01-W	X	10/11/13		✓	53207			1									1 4
2	/				-B02-W	X			✓	53208			1									1 4
3	/				-B03-W	X			✓	53209			1									1 4
4	/				-B04-W	X			✓	53210			1									1 4
5	/				-B05-W	X			✓	53211			1									1 4
6	/				-B06-W	X			✓	53212			1									1 4
7	/				-B07-W	X			✓	53213			1									1 4
8	/				-B08-W	X			✓	53214			1									1 4
~~9~~	/				NOT SUBMITTED ~~-B09-W~~	~~X~~			~~✓~~				~~1~~									~~1 4~~
9	/				-B DUP				✓	53215			1									1 4

Transfer Number	Relinquished By	Accepted By	Date	Time
1	Stacy Vanderveer	CParadise	10/11/13	1623
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments:
1. GARAGE SOUTH - WINDOW -
2. GARAGE SOUTH - DOOR
3. GARAGE SOUTH - WALL (E or W)
4. SAMPLE AT 0.0"-0.5" DEPTH

1 w/c + ice + ID

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- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1148

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

*Surcharge Applies

Project Name	Project Location	Project Number	Laboratory
Discovery Academy	1716 Cumberland Ave, Wethersfield CT	20110979.A2E	Phoenix

Report To: Kathleen Pane

Invoice To: Karron Redfield

P.O. No.: 20110979.A2E

Sampler's Signature: [signature] Date: 10-11-13

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

X=Other BRICK

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
~~9~~					~~101113-SV-B10D~~ NOT SUBMITTED	~~X~~	~~10-11-13~~														
10	✓				101113-SV-B11D	X	10-11-13		✓		53216			1							②④
11	✓				-B12D	X			✓		53217			1							②④
12	✓				-B13D	X			✓		53218			1							②④
13	✓				-B14D	X			✓		53219			1							②④
14	✓				-B15JE	X			✓		53220			1							③④
15	✓				-B16JE	X			✓		53221			1							③④
16	✓				-B17JE	X			✓		53222			1							③④
17	✓				-B18JW	X			✓		53223			1							③④
18	✓				-B19JW	X			✓		53224			1							③④

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	O'Paradise	10/11/13	1623
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments:
① GARAGE SOUTH - WINDOW
② GARAGE SOUTH - DOOR
③ GARAGE SOUTH - WALL (E OR W)
④ SAMPLE @ 0.0" - 0.5" DEPTH

1° W/C + ice + IP

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- ☐ 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 1149

☐ 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: KARRON REDFIELD
P.O. NO.: 20110979.A2E
Sampler's Signature: [signature] Date: 10-11-13

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

Analysis Request: EPA 8082/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	EPA 8082/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
19	✓				101113-SV- B20JW	X	10-11-13		✓	53225			1									3 4
20	✓				- DUP2	X	↓		✓	53226			1									3 4

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	CParadise	10/11/13	1623
2				
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments:
3 GARAGE SOUTH-WALL (E or W)
4 SAMPLE @ 0.0"-0.5" DEPTH

Appendix D

2) Wipe Verification Sampling Results

PHOENIX
Environmental Laboratories, Inc.

Wipes

Monday, April 07, 2014

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

Project ID: DISCOVERY ACADEMY
Sample ID#s: BG24912 - BG24944, BG24946 - BG24948

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.

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
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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

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24912

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-W6A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	84		%	04/02/14	AW	30 - 150 %
% TCMX	85		%	04/02/14	AW	30 - 150 %

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

Comments:

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

Phyllis Shiller, Laboratory Director
April 07, 2014
Reviewed and Released by: Rashmi Makol, 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

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24913

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-W7A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	85		%	04/02/14	AW	30 - 150 %
% TCMX	83		%	04/02/14	AW	30 - 150 %

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

Comments:

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Phyllis Shiller, Laboratory Director
April 07, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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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

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24914

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-W8A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	93		%	04/02/14	AW	30 - 150 %
% TCMX	82		%	04/02/14	AW	30 - 150 %

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

Comments:

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
April 07, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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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

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24915

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-W9A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	90		%	04/02/14	AW	30 - 150 %
% TCMX	81		%	04/02/14	AW	30 - 150 %

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

Comments:

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
April 07, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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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

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24916

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-W10A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	1.6	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	90		%	04/02/14	AW	30 - 150 %
% TCMX	90		%	04/02/14	AW	30 - 150 %

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

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
April 07, 2014
Reviewed and Released by: Rashmi Makol, 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

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24917

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-W11A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	2.0	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	88		%	04/02/14	AW	30 - 150 %
% TCMX	86		%	04/02/14	AW	30 - 150 %

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

Comments:

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
April 07, 2014
Reviewed and Released by: Rashmi Makol, 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

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24918

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-W12A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	3.0	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	83		%	04/02/14	AW	30 - 150 %
% TCMX	81		%	04/02/14	AW	30 - 150 %

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
April 07, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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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

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24919

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-W13A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	2.9	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	88		%	04/02/14	AW	30 - 150 %
% TCMX	85		%	04/02/14	AW	30 - 150 %

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Phyllis Shiller, Laboratory Director
April 07, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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Environmental Laboratories, Inc.
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Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24920

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-W14A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	2.0	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	89		%	04/02/14	AW	30 - 150 %
% TCMX	84		%	04/02/14	AW	30 - 150 %

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Phyllis Shiller, Laboratory Director
April 07, 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

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24921

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-W15A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	3.7	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	87		%	04/02/14	AW	30 - 150 %
% TCMX	80		%	04/02/14	AW	30 - 150 %

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Phyllis Shiller, Laboratory Director
April 07, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24922

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-W16A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	2.2	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	98		%	04/02/14	AW	30 - 150 %
% TCMX	88		%	04/02/14	AW	30 - 150 %

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Phyllis Shiller, Laboratory Director
April 07, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24923

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-W17A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	1.4	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	94		%	04/02/14	AW	30 - 150 %
% TCMX	86		%	04/02/14	AW	30 - 150 %

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Phyllis Shiller, Laboratory Director
April 07, 2014
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Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24924

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-W18A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	89		%	04/02/14	AW	30 - 150 %
% TCMX	75		%	04/02/14	AW	30 - 150 %

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Phyllis Shiller, Laboratory Director
April 07, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24925

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-W19A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	88		%	04/02/14	AW	30 - 150 %
% TCMX	73		%	04/02/14	AW	30 - 150 %

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Phyllis Shiller, Laboratory Director
April 07, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24926

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-W20A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	2.5	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	80		%	04/02/14	AW	30 - 150 %
% TCMX	73		%	04/02/14	AW	30 - 150 %

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April 07, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24927

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-WDUPA

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	4.7	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	80		%	04/02/14	AW	30 - 150 %
% TCMX	70		%	04/02/14	AW	30 - 150 %

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

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Phyllis Shiller, Laboratory Director
April 07, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24928

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E10A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	2.6	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	81		%	04/02/14	AW	30 - 150 %
% TCMX	74		%	04/02/14	AW	30 - 150 %

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

Comments:

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
April 07, 2014
Reviewed and Released by: Rashmi Makol, 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

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24929

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E11A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	2.0	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	78		%	04/02/14	AW	30 - 150 %
% TCMX	80		%	04/02/14	AW	30 - 150 %

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

Comments:

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Phyllis Shiller, Laboratory Director
April 07, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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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

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24930

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E12A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	2.8	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	82		%	04/02/14	AW	30 - 150 %
% TCMX	78		%	04/02/14	AW	30 - 150 %

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

Comments:

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Phyllis Shiller, Laboratory Director
April 07, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24931

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E13A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	99		%	04/02/14	AW	30 - 150 %
% TCMX	83		%	04/02/14	AW	30 - 150 %

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

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Phyllis Shiller, Laboratory Director
April 07, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24932

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E14A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	88		%	04/02/14	AW	30 - 150 %
% TCMX	80		%	04/02/14	AW	30 - 150 %

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April 07, 2014
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Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24933

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E15A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	1.1	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	86		%	04/02/14	AW	30 - 150 %
% TCMX	91		%	04/02/14	AW	30 - 150 %

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Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24934

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E16A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	94		%	04/02/14	AW	30 - 150 %
% TCMX	86		%	04/02/14	AW	30 - 150 %

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April 07, 2014
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24935

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E17A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	1.6	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	94		%	04/02/14	AW	30 - 150 %
% TCMX	95		%	04/02/14	AW	30 - 150 %

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April 07, 2014
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Analysis Report

April 07, 2014

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Fuss & O'Neill, Inc.
146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24936

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E18A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	2.2	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	90		%	04/02/14	AW	30 - 150 %
% TCMX	96		%	04/02/14	AW	30 - 150 %

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April 07, 2014
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24937

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E19A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	98		%	04/02/14	AW	30 - 150 %
% TCMX	88		%	04/02/14	AW	30 - 150 %

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April 07, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24938

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E20A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	1.0	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	92		%	04/02/14	AW	30 - 150 %
% TCMX	93		%	04/02/14	AW	30 - 150 %

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

Comments:

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Phyllis Shiller, Laboratory Director
April 07, 2014
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Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24939

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E21A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	1.5	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	93		%	04/02/14	AW	30 - 150 %
% TCMX	82		%	04/02/14	AW	30 - 150 %

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

Comments:

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
April 07, 2014
Reviewed and Released by: Rashmi Makol, 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

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24940

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E22A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	2.1	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	88		%	04/02/14	AW	30 - 150 %
% TCMX	93		%	04/02/14	AW	30 - 150 %

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

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April 07, 2014

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146 Hartford Road
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24941

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E23A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	100		%	04/02/14	AW	30 - 150 %
% TCMX	90		%	04/02/14	AW	30 - 150 %

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

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Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24942

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E24A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	92		%	04/02/14	AW	30 - 150 %
% TCMX	85		%	04/02/14	AW	30 - 150 %

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April 07, 2014
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24943

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E25A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	98		%	04/02/14	AW	30 - 150 %
% TCMX	90		%	04/02/14	AW	30 - 150 %

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April 07, 2014
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Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24944

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E26A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	98		%	04/02/14	AW	30 - 150 %
% TCMX	85		%	04/02/14	AW	30 - 150 %

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

Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24946

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E28A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/01/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1254	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/02/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/02/14	AW	SW8082
QA/QC Surrogates						
% DCBP	100		%	04/02/14	AW	30 - 150 %
% TCMX	89		%	04/02/14	AW	30 - 150 %

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April 07, 2014
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24947

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-E29A

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/02/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/03/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/03/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/03/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/03/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/03/14	AW	SW8082
PCB-1254	ND	1.0	ug	04/03/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/03/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/03/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/03/14	AW	SW8082
QA/QC Surrogates						
% DCBP	88		%	04/03/14	AW	30 - 150 %
% TCMX	79		%	04/03/14	AW	30 - 150 %

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

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April 07, 2014
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Analysis Report

April 07, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	WIPE	Collected by:	KN	03/31/14	0:00
Location Code:	F&O-PCB	Received by:	SW	03/31/14	14:26
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	20110979A2E				

Laboratory Data

SDG ID: GBG24912
Phoenix ID: BG24948

Project ID: DISCOVERY ACADEMY
Client ID: 033114-KN-EDUPA

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
PCB Wipe Extraction	Completed			04/02/14	PP/IK	SW-3540C
Polychlorinated Biphenyls						
PCB-1016	ND	1.0	ug	04/03/14	AW	SW8082
PCB-1221	ND	1.0	ug	04/03/14	AW	SW8082
PCB-1232	ND	1.0	ug	04/03/14	AW	SW8082
PCB-1242	ND	1.0	ug	04/03/14	AW	SW8082
PCB-1248	ND	1.0	ug	04/03/14	AW	SW8082
PCB-1254	2.8	1.0	ug	04/03/14	AW	SW8082
PCB-1260	ND	1.0	ug	04/03/14	AW	SW8082
PCB-1262	ND	1.0	ug	04/03/14	AW	SW8082
PCB-1268	ND	1.0	ug	04/03/14	AW	SW8082
QA/QC Surrogates						
% DCBP	95		%	04/03/14	AW	30 - 150 %
% TCMX	94		%	04/03/14	AW	30 - 150 %

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

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April 07, 2014
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Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

April 07, 2014

QA/QC Data

SDG I.D.: GBG24912

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 270277, QC Sample No: BG24899 (BG24912, BG24913, BG24914, BG24915, BG24916, BG24917, BG24918)									
Polychlorinated Biphenyl									
PCB-1016	ND	101	97	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	104	99	4.9				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	91	95	91	4.3				30 - 150	30
% TCMX (Surrogate Rec)	84	82	78	5.0				30 - 150	30

Comment:

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

QA/QC Batch 270304, QC Sample No: BG24919 (BG24919, BG24920, BG24921, BG24922, BG24923, BG24924, BG24925, BG24926, BG24927, BG24928, BG24929, BG24930, BG24931, BG24932, BG24933, BG24934, BG24935, BG24936, BG24937, BG24938)

Polychlorinated Biphenyl

PCB-1016	ND	94	95	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	102	103	1.0				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	83	84	84	0.0				30 - 150	30
% TCMX (Surrogate Rec)	83	80	83	3.7				30 - 150	30

Comment:

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

QA/QC Batch 270305, QC Sample No: BG24939 (BG24939, BG24940, BG24941, BG24942, BG24943, BG24944, BG24946, BG24947, BG24948)

Polychlorinated Biphenyl

PCB-1016	ND	93	100	7.3				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	102	110	7.5				40 - 140	30

QA/QC Data

SDG I.D.: GBG24912

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	102	97	104	7.0				30 - 150	30
% TCMX (Surrogate Rec)	92	85	93	9.0				30 - 150	30

Comment:

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

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
April 07, 2014

Monday, April 07, 2014

Criteria: None

State: CT

Sample Criteria Exceedences Report

GBG24912 - FO-PCB

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, Inc.

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

Laboratory Sample ID(s): BG24912, BG24913, BG24914, BG24915, BG24916, BG24917, BG24918, BG24919, BG24920, BG24921, BG24922, BG24923, BG24924, BG24925, BG24926, BG24927, BG24928, BG24929, BG24930, BG24931, BG24932, BG24933, BG24934, BG24935, BG24936, BG24937, BG24938, BG24939, BG24940, BG24941, BG24942, BG24943, BG24944, BG24946, BG24947, BG24948

Sampling Date(s): 3/31/2014

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 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 knowlegde 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: Monday, April 07, 2014

Printed Name: Rashmi Makol

Position: Project Manager

Nov 2007

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

April 07, 2014

SDG I.D.: GBG24912

The samples were received in a cooler with ice packs. No bias is suspected for this analysis..

PCB Narration

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

Instrument: Au-ecd1 04/02/14-1 (BG24914, BG24915, BG24916, BG24917, BG24919, BG24920, BG24921, BG24922, BG24923, BG24924, BG24925, BG24926, BG24927, BG24928, BG24929, BG24930)

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: 4/2/2014

Instrument: Au-ecd1 04/03/14-1 (BG24947, BG24948)

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: 4/3/2014

Instrument: Au-ecd3 04/02/14-1 (BG24931, BG24932, BG24933, BG24934, BG24935, BG24936, BG24937, BG24938, BG24939, BG24940, BG24941, BG24942, BG24943, BG24944, BG24946)

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: 4/2/2014

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

April 07, 2014

SDG I.D.: GBG24912

Instrument: Au-ecd3 04/03/14-1 (BG24939)

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: 4/3/2014

Instrument: Au-ecd8 04/02/14-1 (BG24912, BG24913, BG24919)

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: 4/2/2014

QC Comments: QC Batch 270277 04/01/14 (BG24912, BG24913, BG24914, BG24915, BG24916, BG24917, BG24918)

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

QC Comments: QC Batch 270304 04/01/14 (BG24919, BG24920, BG24921, BG24922, BG24923, BG24924, BG24925, BG24926, BG24927, BG24928, BG24929, BG24930, BG24931, BG24932, BG24933, BG24934, BG24935, BG24936, BG24937, BG24938)

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

QC Comments: QC Batch 270305 04/01/14 (BG24939, BG24940, BG24941, BG24942, BG24943, BG24944, BG24946, BG24947, BG24948)

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

April 07, 2014

SDG I.D.: GBG24912

QC (Site Specific)

---------- Sample No: BG24919, QA/QC Batch: 270304 ----------

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: BG24939, QA/QC Batch: 270305 ----------

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.

QC (Batch Specific)

---------- Sample No: BG24899, QA/QC Batch: 270277 ----------

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 15°C.
(Note acceptance criteria is above freezing up to 6°C)

15 days

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- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1323

☐ 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: Karron Redfield
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 3-31-14

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

Analysis Request: EPA 8082/SOXHLET

Containers: Soil VOA Vial, [ ] methanol; Soil VOA Vial, [ ] water; Glass Soil Container (4) oz [ ] $Na(SO_4)_2$; Glass Soil Container ( ) oz; Other; Water VOA Vial, [ ] As is [ ] HCl; Glass Amber ( ) ml, [ ] As is [ ] 250 ml [ ] 500 [ ] 1000 ml; Plastic - As is, [ ] 250 ml [ ] 500 ml; Plastic - H_2SO_4, [ ] 250 ml [ ] Filtered [ ] Unfiltered; Plastic - HNO_3, 250 ml; 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 [ ] $Na(SO_4)_2$	Glass Soil Container ( ) oz	Other	Water VOA Vial, [ ] As is [ ] HCl	Glass Amber ( ) ml, [ ] As is [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - As is, [ ] 250 ml [ ] 500 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] Filtered [ ] Unfiltered	Plastic - HNO_3, 250 ml	Plastic - NaOH, 250 ml	Comments
1	✓				033114-KN-W6A	X	3-31-14		✓			1									1 24912
2	✓				-W7A				✓			1									1 24913
3	✓				-W8A				✓			1									1 24914
4	✓				-W9A				✓			1									1 24915
5	✓				-W10A				✓			1									1 24916
6	✓				-W11A				✓			1									1 24917
7	✓				-W12A				✓			1									1 24918
8	✓				-W13A				✓			1									1 24919
9	✓				-W14A				✓			1									1 24920
10	✓				-W15A				✓			1									1 24921

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	3-31	
2	[signature]	[signature]	331.14	14:20
3				
4				

Reporting and Detection Limit Requirements: <1 ppm

Additional Comments: 1 NORTH WALL WINDOWS - WEST 32 AREA 4 BESAMPLE

BOOK 10

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- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1324

☐ 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: KARRON REDFIELD
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 3-31-14

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

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 [ ] 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

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 [ ] 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
11	✓				033114-KN -W16A	X	3-31-14		✓			1									(1) 24922
12	✓				-W17A	↓	↓		✓			1									(1) 24923
13	✓				-W18A				✓			1									(1) 24924
14	✓				-W19A				✓			1									(1) 24925
15	✓				-W20A				✓			1									(1) 24926
16	✓				-W-DUPA				✓			1									(1) 24927
17	✓				-E10A				✓			1									(2) 24928
18	✓				-E11A				✓			1									(2) 24929
19	✓				-E12A				✓			1									(2) 24930
20	✓				-E13A				✓			1									(2) 24931

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	3-31	
2	[signature]	[signature]	3-31-14	14:26
3				
4				

Reporting and Detection Limit Requirements:

Additional Comments: (1) NORTH WALL WINDOWS - WEST (32) AREA 4
(2) NORTH WALL WINDOWS - EAST (39) AREA 4
RESAMPLE

15 ow/f

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- ☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601

CHAIN-OF-CUSTODY RECORD 1325

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

Project Name	Project Location	Project Number	Laboratory
Discovery Academy	1716 Cumberland Ave, Wethersfield CT	20110979.A2E	PHOENIX

Report To: Kathleen Pawe
Invoice To: Karron Redfield
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 3-31-14

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

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, [ ] 250 ml [ ] 500 [ ] 1000 ml; Plastic - As is, [ ] 250 ml [ ] 500 ml; Plastic - H_2SO_4, [ ] 250 ml [ ] Filtered [ ] Unfiltered; Plastic - HNO_3, 250 ml; 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, [ ] 250 ml [ ] 500 [ ] 1000 ml	Plastic - As is, [ ] 250 ml [ ] 500 ml	Plastic - H_2SO_4, [ ] 250 ml [ ] Filtered [ ] Unfiltered	Plastic - HNO_3, 250 ml	Plastic - NaOH, 250 ml	Comments
21	✓				033114-KN -E14A	X	3-31-14		✓			1									② 24932
22	✓				-E15A	↓	↓		✓			1									② 24933
23	✓				-E16A				✓			1									② 24934
24	✓				-E17A				✓			1									② 24935
25	✓				-E18A				✓			1									② 24936
26	✓				-E19A				✓			1									② 24937
27	✓				-E20A				✓			1									② 24938
28	✓				-E21A				✓			1									② 24939
29	✓				-E22A				✓			1									② 24940
30	✓				-E23A				✓			1									② 24941

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	3-31	
2	[signature]	[signature]	3-31-14	14:20
3				
4				

Reporting and Detection Limit Requirements: <1 ppm

Additional Comments:
② NORTH WALL WINDOWS - EAST (39) AREA 4
RESAMPLE

15 WK 49

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CHAIN-OF-CUSTODY RECORD 1326

☐ 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: KARRON REDFIELD
P.O. No.: 20110979.A2E
Sampler's Signature: [signature] Date: 3-31-14

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

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; Glass Amber ( ) ml ( ) As is; 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

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	Comments
31	✓				033114-KN-E24A	X			✓		1	② 24942
32	✓				-E25A	↓			✓		1	② 24943
33	✓				-E26A	↓			✓		1	② 24944
34	✓				-E27A	↓			✓		1	② 24945
35	✓				-E28A	↓			✓		1	② 24946
36	✓				-E29A	↓			✓		1	② 24947
37	✓				-E-DUP-A	↓			✓		1	② 24948

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	3-31	
2			3-31-14	14:26
3				
4				

Reporting and Detection Limit Requirements: <1ppm

Additional Comments: ② NORTH WALL WINDOWS - EAST (39) AREA 4
RESAMPLE

Bobbi - Phoenixlabs

From: Bobbi - Phoenixlabs [bobbi@phoenixlabs.com]
Sent: Wednesday, April 02, 2014 11:02 AM
To: 'Kathleen Pane'; 'Karron Redfield'; 'Bobbi - Phoenixlabs'
Subject: Discovery Academy Problem

Hi Kathleen
One of the PCB wipe samples was lost during the extraction process. It is your sample 033114-KN-E27A (BG24945). We will not be able to report a result for that one sample. I apologize for any inconvenience .

Bobbi

Bobbi Aloisa
Vice President
Director of Client Services
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Ph: 860-645-8728

15 [illegible]

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CHAIN-OF-CUSTODY RECORD 1326

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

PROJECT NAME: DISCOVERY ACADEMY
PROJECT LOCATION: 176 CUMBERLAND AVE, WETHERSFIELD CT
PROJECT NUMBER: 20110979.A2E
LABORATORY: PHOENIX

REPORT TO: KATHLEEN PANE
INVOICE TO: KARRON REDFIELD
P.O. NO.: 20110979.A2E
Sampler's Signature: [signature] Date: 3-31-14

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

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	✓				033114-KN-E24A	X			✓			1									② 24942
32	✓				-E25A	↓			✓			1									② 24943
33	✓				-E26A	↓			✓			1									② 24944
34	✓				-E27A	↓			✓			1								*	② 24945
35	✓				-E28A	↓			✓			1									② 24946
36	✓				-E29A	↓			✓			1									② 24947
37	✓				-E-DUP-A	↓			✓			1									② 24948

Transfer Number	Relinquished By	Accepted By	Date	Time
1	[signature]	[signature]	3-31	
2	[signature]	[signature]	3.31.14	14:26
3				
4				

Reporting and Detection Limit Requirements: <1ppm

Additional Comments:
② NORTH WALL WINDOWS - EAST (39) AREA 4
RESAMPLE
* Lost sample during extraction
emailed 4/2/14 [initials]