OSPREY ENVIRONMENTAL ENGINEERING, LLC.
146 EAST MAIN STREET . CLINTON, CT 06413
PHONE: 860.669.8651

Mr. Scott Bartlett, Superintendent, Director of Public Works Operations
Fairfield Department of Public Works
725 Old Post Road
Fairfield, CT 06824

13 June 2018

Re: Soils Sampling, Access Drive, Grids A4-E4, P1-S1, G3, PS1, PSS1
Aggregate Recycling Yard Berm Project, Fairfield, CT
Collection date: 12 June 2018

Per your request, samples of soils from the above delineated site grids were collected to determine concentrations of constituents of concern (COCs) related to available environmental and health & safety standards and guidelines. Samples were composited and were collected in new glassware supplied by the laboratory and stored in compliance with standard sample preservation procedures. The composite samples were submitted to Complete Environmental Testing, Inc., a Connecticut Certified Laboratory. Samples were compared to the DEEP Remediation Standards Regulations (RSRs) Direct Exposure Criteria (DEC) for environmental consideration. Samples were analyzed for PCBs, ETPH, arsenic, mercury, and lead. The following is a comparison of the results of the analyses to their respective evaluation criteria.

Sample Summary Table

COMPOUND	**ETPH**	**Arsenic**	**Lead**	**Mercury**	**PCBs**
(Residential/Industrial & Commercial) mg/kg	500/2500	10/10	400/1000	20/610	1/10
Grid A4	*1200*	3.9	47	ND<0.13	ND<0.11
Grid B4	*1000*	4.5	75	ND<0.13	ND<0.11
Grid D4	*410*	4.2	49	ND<0.13	ND<0.11
Grid E4	*2200*	2.4	19	ND<0.13	ND<0.11
Grid P1	*230*	3.3	26	ND<0.13	0.20
Grid Q1	*580*	4.4	37	ND<0.13	*1.90*
Grid R1	*540*	5.7	190	0.28	*9.6*
Grid S1	*480*	4.8	140	0.25	*7.6*
Grid G3	*1100*	4.4	39	ND<0.13	ND<0.11
Grid PS1	*200*	*13*	39	ND<0.13	0.84
Grid PSS1	*780*	4.5	29	ND<0.13	0.32

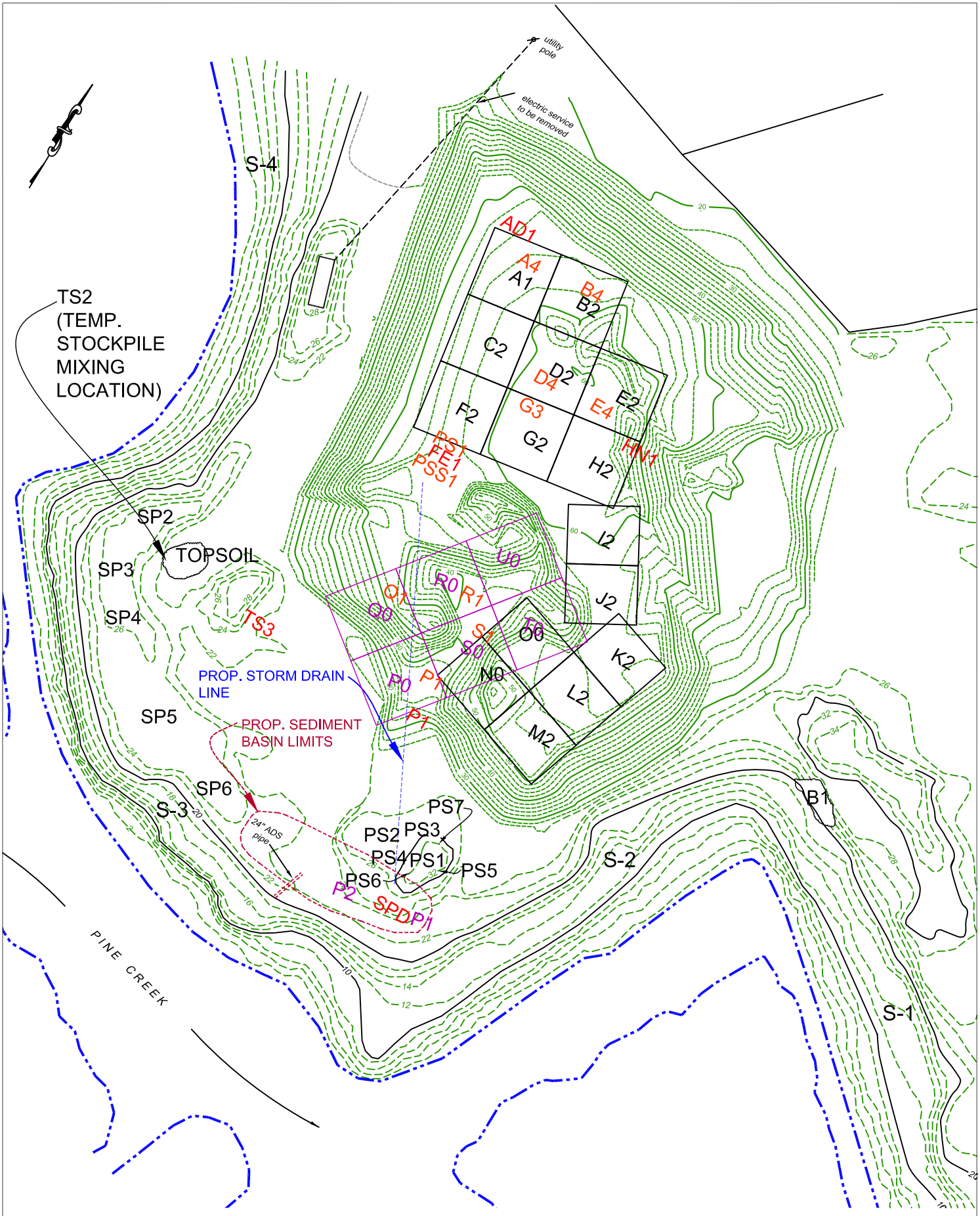
Green is above the Residential DEC *Blue* is above the Residential & Industrial/Commercial DEC

Some of the samples had ETPH above the Residential DEC, most likely due to the presence of asphalt fragments. PCBs, arsenic and lead were all below the Residential and the Industrial/Commercial DEC except for Grids Q1, R1 and S1 which had PCBs above the Residential DEC but below the Industrial'/Commercial DEC, and a sample adjacent to Grid F (PS1) which had arsenic above the Residential & Industrial/Commercial DEC (both set at 10 mg/kg).

Should you have any questions regarding the above, please contact me.

Sincerely,
Osprey Environmental Engineering, LLC.

Robert Grabarek, P.E., L.S., LEP
President



A–6

AGGREGATE YARD SAMPLES
DEPARTMENT OF PUBLIC WORKS FACILITY
90 ROD HIGHWAY, FAIRFIELD, CT

OSPREY
ENVIRONMENTAL ENGINEERING, LLC
146 East Main Street
Clinton, CT 06413
Phone (860) 669-8651

DRAWN BY: RJC
SCALE: 1"=100'
DATE: 06.13.18
REVISIONS:

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Robert Grabarek
Osprey Enviromental
146 East Main St
Clinton, CT 06413

Analytical Report

CET# 8060378

Report Date:June 13, 2018
Project: Fairfield
Project Number: AY

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Certificate: 68-02927

SAMPLE SUMMARY

The sample(s) were received at 15.6°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
A4	8060378-01	Soil	6/12/2018 10:00	06/12/2018
B4	8060378-02	Soil	6/12/2018 10:00	06/12/2018
D4	8060378-03	Soil	6/12/2018 10:00	06/12/2018
E4	8060378-04	Soil	6/12/2018 10:00	06/12/2018
P1	8060378-05	Soil	6/12/2018 10:00	06/12/2018
Q1	8060378-06	Soil	6/12/2018 10:00	06/12/2018
R1	8060378-07	Soil	6/12/2018 10:00	06/12/2018
S1	8060378-08	Soil	6/12/2018 10:00	06/12/2018
G3	8060378-09	Soil	6/12/2018 10:00	06/12/2018
PS1	8060378-10	Soil	6/12/2018 10:00	06/12/2018
PSS1	8060378-11	Soil	6/12/2018 10:00	06/12/2018

Analyte: Percent Solids [SM 2540 G] **Analyst: AMA**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
8060378-01	A4	**91**	1.0	%	1	B8F1238	06/12/2018	06/12/2018 16:36	
8060378-02	B4	**89**	1.0	%	1	B8F1238	06/12/2018	06/12/2018 16:36	
8060378-03	D4	**88**	1.0	%	1	B8F1238	06/12/2018	06/12/2018 16:36	
8060378-04	E4	**91**	1.0	%	1	B8F1238	06/12/2018	06/12/2018 16:36	
8060378-05	P1	**88**	1.0	%	1	B8F1238	06/12/2018	06/12/2018 16:36	
8060378-06	Q1	**88**	1.0	%	1	B8F1238	06/12/2018	06/12/2018 16:36	
8060378-07	R1	**86**	1.0	%	1	B8F1238	06/12/2018	06/12/2018 16:36	
8060378-08	S1	**89**	1.0	%	1	B8F1238	06/12/2018	06/12/2018 16:36	
8060378-09	G3	**89**	1.0	%	1	B8F1238	06/12/2018	06/12/2018 16:36	
8060378-10	PS1	**87**	1.0	%	1	B8F1238	06/12/2018	06/12/2018 16:36	
8060378-11	PSS1	**92**	1.0	%	1	B8F1238	06/12/2018	06/12/2018 16:36	

Analyte: Mercury [EPA 7471B] **Analyst: SFJ**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
8060378-01	A4	ND	0.13	mg/kg dry	1	B8F1212	06/12/2018	06/12/2018 15:30	
8060378-02	B4	ND	0.13	mg/kg dry	1	B8F1212	06/12/2018	06/12/2018 15:33	
8060378-03	D4	ND	0.13	mg/kg dry	1	B8F1212	06/12/2018	06/12/2018 15:36	
8060378-04	E4	ND	0.12	mg/kg dry	1	B8F1212	06/12/2018	06/12/2018 15:39	
8060378-05	P1	ND	0.13	mg/kg dry	1	B8F1212	06/12/2018	06/12/2018 15:41	
8060378-06	Q1	ND	0.14	mg/kg dry	1	B8F1212	06/12/2018	06/12/2018 15:44	
8060378-07	R1	**0.28**	0.13	mg/kg dry	1	B8F1212	06/12/2018	06/12/2018 15:47	
8060378-08	S1	**0.25**	0.13	mg/kg dry	1	B8F1212	06/12/2018	06/12/2018 15:50	
8060378-09	G3	ND	0.13	mg/kg dry	1	B8F1212	06/12/2018	06/12/2018 15:53	
8060378-10	PS1	ND	0.13	mg/kg dry	1	B8F1212	06/12/2018	06/12/2018 16:02	
8060378-11	PSS1	ND	0.12	mg/kg dry	1	B8F1212	06/12/2018	06/12/2018 16:04	

Analyte: Total Lead [EPA 6010C] **Analyst: SS**

Prep: EPA 3051A **Matrix: Soil**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
8060378-01	A4	**47**	2.1	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:01	
8060378-02	B4	**75**	2.2	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:05	
8060378-03	D4	**49**	2.3	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:09	
8060378-04	E4	**19**	2.2	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:14	
8060378-05	P1	**26**	2.3	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:18	
8060378-06	Q1	**37**	2.3	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:22	
8060378-07	R1	**190**	2.1	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:26	
8060378-08	S1	**140**	2.2	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:30	
8060378-09	G3	**39**	2.2	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:56	
8060378-10	PS1	**39**	2.3	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 19:00	
8060378-11	PSS1	**29**	2.1	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 19:04	

Analyte: Total Arsenic [EPA 6010C] **Analyst: SS**

Prep: EPA 3051A **Matrix: Soil**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
8060378-01	A4	**3.9**	1.0	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:01	
8060378-02	B4	**4.5**	1.1	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:05	
8060378-03	D4	**4.2**	1.1	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:09	
8060378-04	E4	**2.4**	1.1	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:14	
8060378-05	P1	**3.3**	1.1	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:18	
8060378-06	Q1	**4.4**	1.1	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:22	
8060378-07	R1	**5.7**	1.1	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:26	
8060378-08	S1	**4.8**	1.1	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:30	
8060378-09	G3	**4.4**	1.1	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 18:56	
8060378-10	PS1	**13**	1.1	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 19:00	
8060378-11	PSS1	**4.5**	1.0	mg/kg dry	1	B8F1235	06/12/2018	06/12/2018 19:04	

CET # : 8060378
Project: Fairfield
Project Number: AY

Client Sample ID A4

Lab ID: 8060378-01

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**1200**	54	1	EPA 3550C	B8F1243	06/12/2018	06/13/2018 10:18	R
Surrogate: Octacosane	*89.0 %*		*50 - 150*		B8F1243	06/12/2018	*06/13/2018 10:18*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:05	
PCB-1221	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:05	
PCB-1232	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:05	
PCB-1242	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:05	
PCB-1248	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:05	
PCB-1254	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:05	
PCB-1260	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:05	
PCB-1268	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:05	
PCB-1262	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:05	
Surrogate: TCMX [1C]	*101 %*		*30 - 150*		B8F1228	06/12/2018	*06/12/2018 19:05*	
Surrogate: TCMX [2C]	*91.4 %*		*30 - 150*		B8F1228	06/12/2018	*06/12/2018 19:05*	
Surrogate: DCB [1C]	*104 %*		*30 - 150*		B8F1228	06/12/2018	*06/12/2018 19:05*	
Surrogate: DCB [2C]	*99.2 %*		*30 - 150*		B8F1228	06/12/2018	*06/12/2018 19:05*	

CET # : 8060378
Project: Fairfield
Project Number: AY

Client Sample ID B4

Lab ID: 8060378-02

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**1000**	56	1	EPA 3550C	B8F1243	06/12/2018	06/13/2018 10:41	R
Surrogate: Octacosane	*86.0 %*		*50 - 150*		B8F1243	06/12/2018	*06/13/2018 10:41*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:24	
PCB-1221	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:24	
PCB-1232	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:24	
PCB-1242	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:24	
PCB-1248	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:24	
PCB-1254	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:24	
PCB-1260	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:24	
PCB-1268	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:24	
PCB-1262	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:24	
Surrogate: TCMX [1C]	*94.8 %*		*30 - 150*		B8F1228	06/12/2018	*06/12/2018 19:24*	
Surrogate: TCMX [2C]	*83.9 %*		*30 - 150*		B8F1228	06/12/2018	*06/12/2018 19:24*	
Surrogate: DCB [1C]	*94.0 %*		*30 - 150*		B8F1228	06/12/2018	*06/12/2018 19:24*	
Surrogate: DCB [2C]	*88.5 %*		*30 - 150*		B8F1228	06/12/2018	*06/12/2018 19:24*	

CET # : 8060378
Project: Fairfield
Project Number: AY

Client Sample ID D4

Lab ID: 8060378-03

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**410**	57	1	EPA 3550C	B8F1243	06/12/2018	06/13/2018 11:04	R
Surrogate: Octacosane	*101 %*	*50 - 150*			B8F1243	06/12/2018	*06/13/2018 11:04*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:43	
PCB-1221	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:43	
PCB-1232	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:43	
PCB-1242	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:43	
PCB-1248	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:43	
PCB-1254	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:43	
PCB-1260	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:43	
PCB-1268	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:43	
PCB-1262	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 19:43	
Surrogate: TCMX [1C]	*94.6 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 19:43*	
Surrogate: TCMX [2C]	*83.4 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 19:43*	
Surrogate: DCB [1C]	*99.2 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 19:43*	
Surrogate: DCB [2C]	*93.6 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 19:43*	

Client Sample ID E4

Lab ID: 8060378-04

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**2200**	54	1	EPA 3550C	B8F1243	06/12/2018	06/13/2018 11:28	R
Surrogate: Octacosane	*94.0 %*	*50 - 150*			B8F1243	06/12/2018	*06/13/2018 11:28*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:02	
PCB-1221	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:02	
PCB-1232	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:02	
PCB-1242	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:02	
PCB-1248	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:02	
PCB-1254	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:02	
PCB-1260	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:02	
PCB-1268	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:02	
PCB-1262	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:02	
Surrogate: TCMX [1C]	*95.0 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 20:02*	
Surrogate: TCMX [2C]	*85.0 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 20:02*	
Surrogate: DCB [1C]	*84.1 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 20:02*	
Surrogate: DCB [2C]	*83.9 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 20:02*	

CET # : 8060378
Project: Fairfield
Project Number: AY

Client Sample ID P1

Lab ID: 8060378-05

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**230**	57	1	EPA 3550C	B8F1243	06/12/2018	06/13/2018 11:52	R
Surrogate: Octacosane	*114 %*	*50 - 150*			B8F1243	06/12/2018	*06/13/2018 11:52*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:21	
PCB-1221	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:21	
PCB-1232	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:21	
PCB-1242	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:21	
PCB-1248	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:21	
PCB-1254	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:21	
PCB-1260	**0.20**	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:21	
PCB-1268	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:21	
PCB-1262	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:21	
Surrogate: TCMX [1C]	*93.6 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 20:21*	
Surrogate: TCMX [2C]	*83.1 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 20:21*	
Surrogate: DCB [1C]	*91.5 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 20:21*	
Surrogate: DCB [2C]	*86.2 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 20:21*	

Client Sample ID Q1

Lab ID: 8060378-06

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**580**	56	1	EPA 3550C	B8F1243	06/12/2018	06/13/2018 11:44	R
Surrogate: Octacosane	*89.0 %*	*50 - 150*			B8F1243	06/12/2018	*06/13/2018 11:44*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:40	
PCB-1221	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:40	
PCB-1232	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:40	
PCB-1242	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:40	
PCB-1248	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:40	
PCB-1254	**0.90**	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:40	
PCB-1260	**1.0**	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:40	
PCB-1268	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:40	
PCB-1262	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 20:40	
Surrogate: TCMX [1C]	*94.2 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 20:40*	
Surrogate: TCMX [2C]	*83.2 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 20:40*	
Surrogate: DCB [1C]	*87.6 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 20:40*	
Surrogate: DCB [2C]	*81.8 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 20:40*	

CET # : 8060378
Project: Fairfield
Project Number: AY

Client Sample ID R1

Lab ID: 8060378-07

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**540**	58	1	EPA 3550C	B8F1243	06/12/2018	06/13/2018 09:50	R
Surrogate: Octacosane	*92.0 %*		*50 - 150*		B8F1243	06/12/2018	*06/13/2018 09:50*	

R C18-C36 unknown

PCBs by ASE **Analyst: PJB**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.57	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:06	
PCB-1221	ND	0.57	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:06	
PCB-1232	ND	0.57	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:06	
PCB-1242	ND	0.57	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:06	
PCB-1248	ND	0.57	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:06	
PCB-1254	**4.6**	0.57	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:06	
PCB-1260	**5.0**	0.57	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:06	
PCB-1268	ND	0.57	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:06	
PCB-1262	ND	0.57	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:06	
Surrogate: TCMX [1C]	*96.0 %*		*30 - 150*		B8F1228	06/12/2018	*06/13/2018 10:06*	
Surrogate: TCMX [2C]	*96.6 %*		*30 - 150*		B8F1228	06/12/2018	*06/13/2018 10:06*	
Surrogate: DCB [1C]	*95.1 %*		*30 - 150*		B8F1228	06/12/2018	*06/13/2018 10:06*	
Surrogate: DCB [2C]	*95.5 %*		*30 - 150*		B8F1228	06/12/2018	*06/13/2018 10:06*	

CET # : 8060378
Project: Fairfield
Project Number: AY

Client Sample ID S1

Lab ID: 8060378-08

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**480**	56	1	EPA 3550C	B8F1243	06/12/2018	06/13/2018 10:13	R
Surrogate: Octacosane	*93.0 %*		*50 - 150*		B8F1243	06/12/2018	*06/13/2018 10:13*	

R C18-C36 unknown

PCBs by ASE **Analyst: PJB**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.56	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:25	
PCB-1221	ND	0.56	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:25	
PCB-1232	ND	0.56	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:25	
PCB-1242	ND	0.56	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:25	
PCB-1248	ND	0.56	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:25	
PCB-1254	**3.5**	0.56	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:25	
PCB-1260	**4.1**	0.56	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:25	
PCB-1268	ND	0.56	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:25	
PCB-1262	ND	0.56	5	EPA 3545A	B8F1228	06/12/2018	06/13/2018 10:25	
Surrogate: TCMX [1C]	*103 %*		*30 - 150*		B8F1228	06/12/2018	*06/13/2018 10:25*	
Surrogate: TCMX [2C]	*96.3 %*		*30 - 150*		B8F1228	06/12/2018	*06/13/2018 10:25*	
Surrogate: DCB [1C]	*101 %*		*30 - 150*		B8F1228	06/12/2018	*06/13/2018 10:25*	
Surrogate: DCB [2C]	*100 %*		*30 - 150*		B8F1228	06/12/2018	*06/13/2018 10:25*	

Client Sample ID G3

Lab ID: 8060378-09

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**1100**	56	1	EPA 3550C	B8F1243	06/12/2018	06/13/2018 10:36	R
Surrogate: Octacosane	*98.0 %*		*50 - 150*		B8F1243	06/12/2018	*06/13/2018 10:36*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:38	
PCB-1221	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:38	
PCB-1232	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:38	
PCB-1242	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:38	
PCB-1248	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:38	
PCB-1254	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:38	
PCB-1260	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:38	
PCB-1268	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:38	
PCB-1262	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:38	
Surrogate: TCMX [1C]	*94.9 %*		*30 - 150*		B8F1228	06/12/2018	*06/12/2018 21:38*	
Surrogate: TCMX [2C]	*84.9 %*		*30 - 150*		B8F1228	06/12/2018	*06/12/2018 21:38*	
Surrogate: DCB [1C]	*84.8 %*		*30 - 150*		B8F1228	06/12/2018	*06/12/2018 21:38*	
Surrogate: DCB [2C]	*78.2 %*		*30 - 150*		B8F1228	06/12/2018	*06/12/2018 21:38*	

Client Sample ID PS1

Lab ID: 8060378-10

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**200**	57	1	EPA 3550C	B8F1243	06/12/2018	06/13/2018 10:59	R
Surrogate: Octacosane	*83.0 %*	*50 - 150*			B8F1243	06/12/2018	*06/13/2018 10:59*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:57	
PCB-1221	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:57	
PCB-1232	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:57	
PCB-1242	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:57	
PCB-1248	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:57	
PCB-1254	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:57	
PCB-1260	**0.84**	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:57	
PCB-1268	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:57	
PCB-1262	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 21:57	
Surrogate: TCMX [1C]	*96.9 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 21:57*	
Surrogate: TCMX [2C]	*87.7 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 21:57*	
Surrogate: DCB [1C]	*88.1 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 21:57*	
Surrogate: DCB [2C]	*82.7 %*	*30 - 150*			B8F1228	06/12/2018	*06/12/2018 21:57*	

Client Sample ID PSS1

Lab ID: 8060378-11

Conn. Extractable TPH **Analyst: MJH**

Method: CT-ETPH **Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	**780**	53	1	EPA 3550C	B8F1243	06/12/2018	06/13/2018 11:21	R
Surrogate: Octacosane	*93.0 %*		*50 - 150*		B8F1243	06/12/2018	*06/13/2018 11:21*	

R C18-C36 unknown

PCBs by ASE **Analyst: JTS**

Method: EPA 8082A **Matrix: Soil**

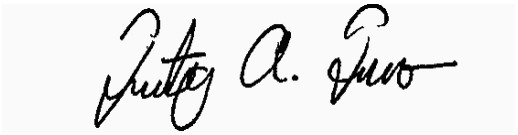
Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 22:16	
PCB-1221	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 22:16	
PCB-1232	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 22:16	
PCB-1242	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 22:16	
PCB-1248	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 22:16	
PCB-1254	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 22:16	
PCB-1260	**0.32**	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 22:16	
PCB-1268	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 22:16	
PCB-1262	ND	0.11	1	EPA 3545A	B8F1228	06/12/2018	06/12/2018 22:16	
Surrogate: TCMX [1C]	*124 %*		*30 - 150*		B8F1228	06/12/2018	*06/12/2018 22:16*	
Surrogate: TCMX [2C]	*112 %*		*30 - 150*		B8F1228	06/12/2018	*06/12/2018 22:16*	
Surrogate: DCB [1C]	*104 %*		*30 - 150*		B8F1228	06/12/2018	*06/12/2018 22:16*	
Surrogate: DCB [2C]	*98.4 %*		*30 - 150*		B8F1228	06/12/2018	*06/12/2018 22:16*	

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

This technical report was reviewed by Timothy Fusco



Project Manager

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
I- The Analyte exceeds %RSD limits for the Initial Calibration. This is a non-directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
RL is the Reporting Limit.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CT-ETPH in Soil	
ETPH	CT
EPA 6010C in Soil	
Lead	CT,NY,PA
Arsenic	CT,NY,PA
EPA 7471B in Soil	
Mercury	CT,NY,PA
EPA 8082A in Soil	
PCB-1016	CT,NY,PA
PCB-1221	CT,NY,PA
PCB-1232	CT,NY,PA
PCB-1242	CT,NY,PA
PCB-1248	CT,NY,PA
PCB-1254	CT,NY,PA
PCB-1260	CT,NY,PA
PCB-1268	CT,NY,PA
PCB-1262	NY,PA
SM 2540 G in Soil	
Percent Solids	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2018
NY	New York Certification (NELAC)	11982	04/01/2019
PA	Pennsylvania DEP	68-02927	05/31/2019

8060378

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:

Date and Time in Freezer

Client:

CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com
Bottle Request e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, Two Day *, Three Day *, Std (5-7 Days)

Sample ID/Sample Depths (include Units for any sample depths provided)	Collection Date/Time	Matrix	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs ☐ SOX ☒ ASE	Pesticides	Metals: 8 RCRA	13 Priority Poll	15 CT DEP	Total	SPLP	TCLP	Dissolved	Field Filtered	Lab to Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
A4-EY (SEPARATE SAMPLES)	6/12/18 10:00AM	S				X			X											X AS PB HG	4	
P1-S1 (separate)		S																			4	
G3																					1	
PS1		S																			1	
PSS1		S																			1	

PRESERVATIVE (CI–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	6/12/18 13:30	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:

12 separate samples

FOR WEDNESDAY NOON

Client / Reporting Information

Company Name

Address OSPREY

City State Zip

Report To: E-mail

Phone # Fax #

Project Information

Project: FAIRFIELD PO #:

Location: AY Project #:

CET Quote # Collector(s): RGRABARZ

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *

Data Report ☐ PDF ☐ EDD - Specify Format Other

RSR Reporting Limits (check one) ☐ GA ☐ GB ☐ SWP ☐ Other

Laboratory Certification Needed (check one) ☐ CT ☐ NY ☐ RI ☐ MA

Temp Upon Receipt 15.6°C Evidence of Cooling: Y (N)

PAGE 1 OF 1

*** Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. All samples picked up by courier service will be considered next business day receipt for TAT purposes.**

REV. 10/16