



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

11 May 2018

Re: Soils Sampling, Perimeter Stockpiles
Aggregate Recycling Yard Berm Project, Fairfield, CT
Collection date: 03 & 08 May 2018

Per your request, samples of soils from the above stockpiles were collected to determine concentrations of constituents of concern (COCs) related to available environmental and health & safety standards and guidelines. Samples were composited from each area 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, 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 | PCBs |
|---|-------------|---------|----------|------------|
| (Residential/Industrial & Commercial) mg/kg | 500/2500 | 10/10 | 400/1000 | 1/10 |
| <i>SP1 (Harvest NE Stockpile)</i> | <i>2800</i> | ND<2.5 | 16 | ND<0.13 |
| <i>SP2 – South Perimeter Stockpile</i> | <i>680</i> | 6.8 | 66 | ND<0.10 |
| <i>SP3 – South Perimeter Stockpile</i> | <i>530</i> | 2.7 | 31 | ND<0.10 |
| <i>SP4 – South Perimeter Stockpile</i> | ND<53 | 4.8 | 29 | ND<0.11 |
| <i>SP5 – South Perimeter Stockpile</i> | ND<54 | 5.9 | 35 | ND<0.11 |
| <i>SP6 – South Perimeter Stockpile</i> | ND<54 | 5.7 | 29 | ND<0.11 |
| <i>PS1 – South Perimeter Stockpile</i> | <i>880</i> | 3.8 | 87 | <i>2.1</i> |
| <i>PS2 – South Perimeter Stockpile</i> | <i>1700</i> | 5.3 | 60 | 0.64 |
| <i>SSE – South Perimeter Stockpile</i> | <i>580</i> | 2.3 | 9.7 | ND<0.11 |
| <i>SSW – South Perimeter Stockpile</i> | <i>880</i> | 2.5 | 2.3 | ND<0.11 |

Green is above the Residential DEC *Blue* is above the Residential & Industrial/Commercial DEC ND< = Not detected < analytical limit

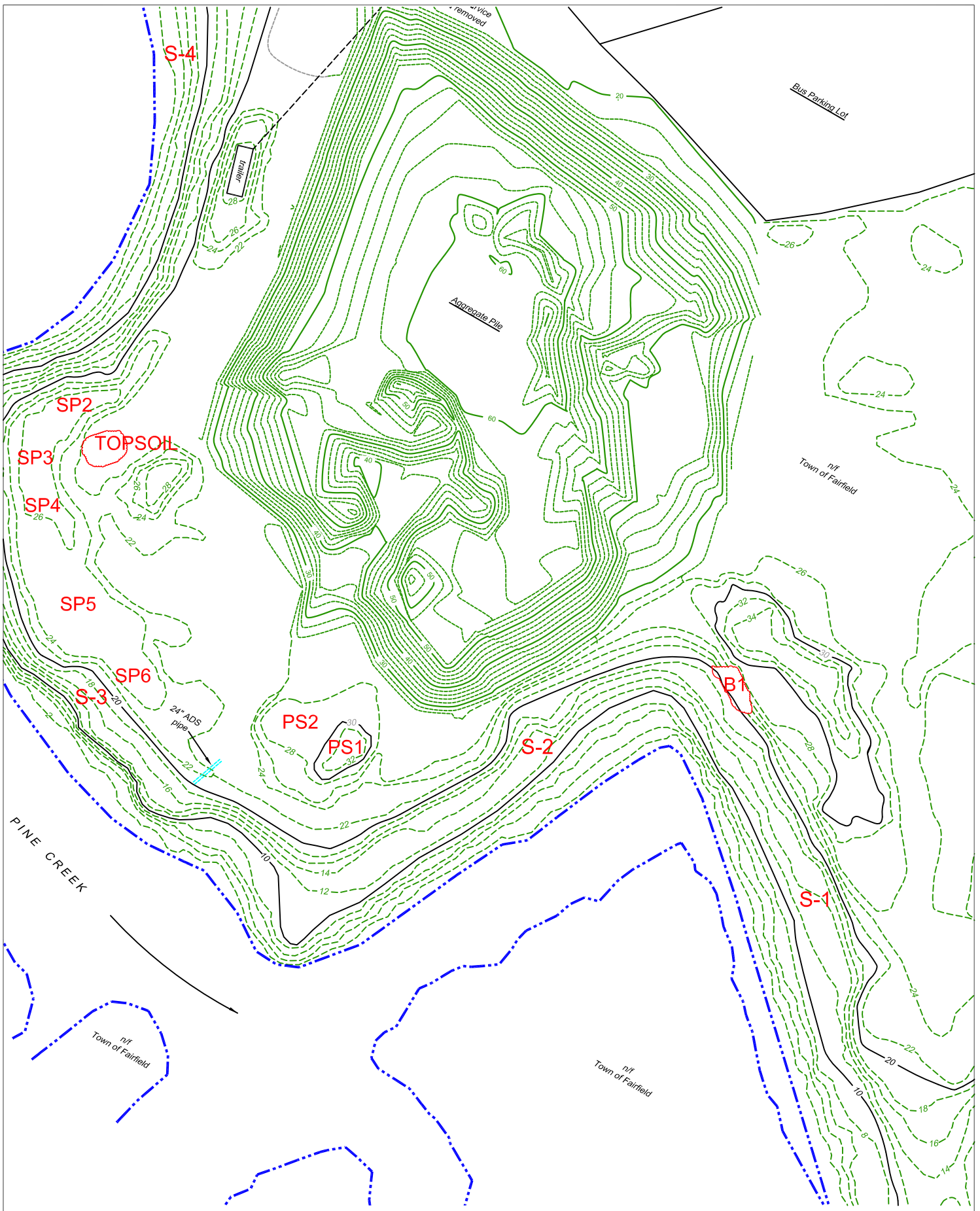
Stockpile samples SP4-SP6 had ETPH, lead, arsenic, and PCBs all below the Residential DEC. The remaining samples all had ETPH above the Residential DEC most likely due to the presence of asphalt fragments. One sample had ETPH above the Industrial/Commercial DEC as well, which was expected as it was predominantly composed of asphalt fragments. PCBs, arsenic and lead were all below the Residential and the Industrial/Commercial DEC except for location PS1 which had PCBs present above the residential DEC but below the Industrial/Commercial DEC. It is recommended that this stockpile be further tested for PCBs prior to relocating it.

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

Sincerely,

Osprey Environmental Engineering, LLC.

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



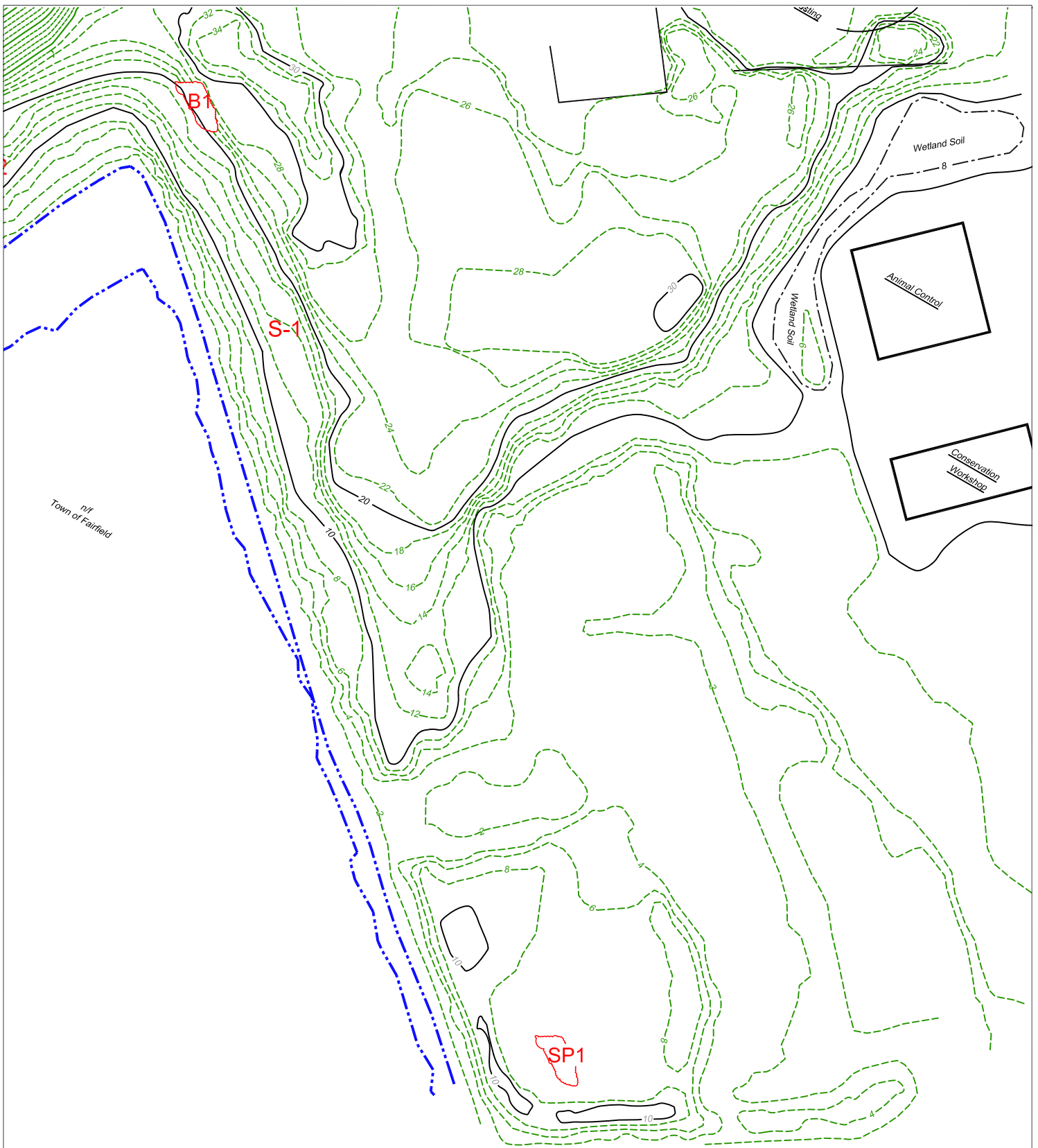
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AGGREGATE YARD SOIL SAMPLES
DEPARTMENT OF PUBLIC WORKS FACILITY
90 ROD HIGHWAY, FAIRFIELD, CT

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



DRAWN BY: RJC
SCALE: 1"=100'
DATE: 05.01.18
REVISIONS:



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AGGREGATE YARD SOIL SAMPLES
DEPARTMENT OF PUBLIC WORKS FACILITY
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DRAWN BY: RJC
SCALE: 1"=100'
DATE: 05.01.18
REVISIONS:

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

Analytical Report

CET# 8050141



Report Date: May 10, 2018
Project: Fairfield
Project Number: AY

Connecticut Laboratory Certificate: PH 0116
Massachusetts laboratory Certificate: M-CT903



New York NELAP Accreditation: 11982
Rhode Island Certification: 199

CET # : 8050141

Project: Fairfield

Project Number: AY

SAMPLE SUMMARY

The sample(s) were received at 22.0°C.

This report contains analytical data associated with following samples only.

| Sample ID | Laboratory ID | Matrix | Collection Date/Time | Receipt Date |
|-----------|---------------|--------|----------------------|--------------|
| SP1 | 8050141-01 | Soil | 5/03/2018 16:15 | 05/03/2018 |
| SP2 | 8050141-02 | Soil | 5/03/2018 16:15 | 05/03/2018 |
| SP3 | 8050141-03 | Soil | 5/03/2018 16:15 | 05/03/2018 |
| SP4 | 8050141-04 | Soil | 5/03/2018 16:15 | 05/03/2018 |
| SP5 | 8050141-05 | Soil | 5/03/2018 16:15 | 05/03/2018 |
| SP6 | 8050141-06 | Soil | 5/03/2018 16:15 | 05/03/2018 |

CET # : 8050141
Project: Fairfield
Project Number: AY

Analyte: Percent Solids [SM 2540 G]

Analyst: MPC

Matrix: Soil

| Laboratory ID | Client Sample ID | Result | RL | Units | Dilution | Batch | Prepared | Date/Time Analyzed | Notes |
|---------------|------------------|--------|-----|-------|----------|---------|------------|--------------------|-------|
| 8050141-01 | SP1 | 77 | 1.0 | % | 1 | B8E0429 | 05/04/2018 | 05/04/2018 16:00 | |
| 8050141-02 | SP2 | 94 | 1.0 | % | 1 | B8E0429 | 05/04/2018 | 05/04/2018 16:00 | |
| 8050141-03 | SP3 | 96 | 1.0 | % | 1 | B8E0429 | 05/04/2018 | 05/04/2018 16:00 | |
| 8050141-04 | SP4 | 93 | 1.0 | % | 1 | B8E0429 | 05/04/2018 | 05/04/2018 16:00 | |
| 8050141-05 | SP5 | 93 | 1.0 | % | 1 | B8E0429 | 05/04/2018 | 05/04/2018 16:00 | |
| 8050141-06 | SP6 | 91 | 1.0 | % | 1 | B8E0429 | 05/04/2018 | 05/04/2018 16:00 | |

Analyte: Total Lead [EPA 6020A]

Analyst: SS

Prep: EPA 3051A

Matrix: Soil

| Laboratory ID | Client Sample ID | Result | RL | Units | Dilution | Batch | Prepared | Date/Time Analyzed | Notes |
|---------------|------------------|--------|-----|-----------|----------|---------|------------|--------------------|-------|
| 8050141-01 | SP1 | 16 | 2.5 | mg/kg dry | 1 | B8E1033 | 05/10/2018 | 05/10/2018 15:57 | |
| 8050141-02 | SP2 | 66 | 2.1 | mg/kg dry | 1 | B8E1033 | 05/10/2018 | 05/10/2018 16:02 | |
| 8050141-03 | SP3 | 31 | 2.1 | mg/kg dry | 1 | B8E1033 | 05/10/2018 | 05/10/2018 16:22 | |
| 8050141-04 | SP4 | 29 | 2.2 | mg/kg dry | 1 | B8E1033 | 05/10/2018 | 05/10/2018 16:27 | |
| 8050141-05 | SP5 | 35 | 2.2 | mg/kg dry | 1 | B8E1033 | 05/10/2018 | 05/10/2018 16:32 | |
| 8050141-06 | SP6 | 29 | 2.1 | mg/kg dry | 1 | B8E1033 | 05/10/2018 | 05/10/2018 16:36 | |

Analyte: Total Arsenic [EPA 6020A]

Analyst: SS

Prep: EPA 3051A

Matrix: Soil

| Laboratory ID | Client Sample ID | Result | RL | Units | Dilution | Batch | Prepared | Date/Time Analyzed | Notes |
|---------------|------------------|--------|-----|-----------|----------|---------|------------|--------------------|-------|
| 8050141-01 | SP1 | ND | 2.5 | mg/kg dry | 1 | B8E1033 | 05/10/2018 | 05/10/2018 15:57 | |
| 8050141-02 | SP2 | 6.8 | 2.1 | mg/kg dry | 1 | B8E1033 | 05/10/2018 | 05/10/2018 16:02 | |
| 8050141-03 | SP3 | 2.7 | 2.1 | mg/kg dry | 1 | B8E1033 | 05/10/2018 | 05/10/2018 16:22 | |
| 8050141-04 | SP4 | 4.8 | 2.2 | mg/kg dry | 1 | B8E1033 | 05/10/2018 | 05/10/2018 16:27 | |
| 8050141-05 | SP5 | 5.9 | 2.2 | mg/kg dry | 1 | B8E1033 | 05/10/2018 | 05/10/2018 16:32 | |
| 8050141-06 | SP6 | 5.7 | 2.1 | mg/kg dry | 1 | B8E1033 | 05/10/2018 | 05/10/2018 16:36 | |

CET # : 8050141
 Project: Fairfield
 Project Number: AY

Client Sample ID SP1

Lab ID: 8050141-01

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 | 2800 | 64 | 1 | EPA 3550C | B8E0427 | 05/04/2018 | 05/05/2018 02:33 | R |
| <i>Surrogate: Octacosane</i> | <i>104 %</i> | | <i>50 - 150</i> | | B8E0427 | 05/04/2018 | <i>05/05/2018 02:33</i> | |
| R C18-C36 unknown | | | | | | | | |

PCBs by ASE

Analyst: MPC

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 | 0.13 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 11:43 | |
| PCB-1221 | ND | 0.13 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 11:43 | |
| PCB-1232 | ND | 0.13 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 11:43 | |
| PCB-1242 | ND | 0.13 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 11:43 | |
| PCB-1248 | ND | 0.13 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 11:43 | |
| PCB-1254 | ND | 0.13 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 11:43 | |
| PCB-1260 | ND | 0.13 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 11:43 | |
| PCB-1268 | ND | 0.13 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 11:43 | |
| PCB-1262 | ND | 0.13 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 11:43 | |
| <i>Surrogate: TCMX [1C]</i> | <i>95.5 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 11:43</i> | |
| <i>Surrogate: TCMX [2C]</i> | <i>105 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 11:43</i> | |
| <i>Surrogate: DCB [1C]</i> | <i>78.9 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 11:43</i> | |
| <i>Surrogate: DCB [2C]</i> | <i>84.2 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 11:43</i> | |

CET # : 8050141
 Project: Fairfield
 Project Number: AY

Client Sample ID SP2

Lab ID: 8050141-02

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 | 680 | 52 | 1 | EPA 3550C | B8E0427 | 05/04/2018 | 05/05/2018 02:56 | R |
| <i>Surrogate: Octacosane</i> | <i>113 %</i> | | <i>50 - 150</i> | | B8E0427 | 05/04/2018 | <i>05/05/2018 02:56</i> | |
| R C18-C36 unknown | | | | | | | | |

PCBs by ASE

Analyst: MPC

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 | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:02 | |
| PCB-1221 | ND | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:02 | |
| PCB-1232 | ND | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:02 | |
| PCB-1242 | ND | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:02 | |
| PCB-1248 | ND | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:02 | |
| PCB-1254 | ND | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:02 | |
| PCB-1260 | ND | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:02 | |
| PCB-1268 | ND | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:02 | |
| PCB-1262 | ND | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:02 | |
| <i>Surrogate: TCMX [1C]</i> | <i>110 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 12:02</i> | |
| <i>Surrogate: TCMX [2C]</i> | <i>117 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 12:02</i> | |
| <i>Surrogate: DCB [1C]</i> | <i>99.8 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 12:02</i> | |
| <i>Surrogate: DCB [2C]</i> | <i>103 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 12:02</i> | |

CET # : 8050141
 Project: Fairfield
 Project Number: AY

Client Sample ID SP3

Lab ID: 8050141-03

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 | 530 | 52 | 1 | EPA 3550C | B8E0427 | 05/04/2018 | 05/05/2018 03:19 | R |
| <i>Surrogate: Octacosane</i> | 97.2 % | | 50 - 150 | | B8E0427 | 05/04/2018 | 05/05/2018 03:19 | |
| R C18-C36 unknown | | | | | | | | |

PCBs by ASE

Analyst: MPC

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 | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:22 | |
| PCB-1221 | ND | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:22 | |
| PCB-1232 | ND | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:22 | |
| PCB-1242 | ND | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:22 | |
| PCB-1248 | ND | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:22 | |
| PCB-1254 | ND | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:22 | |
| PCB-1260 | ND | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:22 | |
| PCB-1268 | ND | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:22 | |
| PCB-1262 | ND | 0.10 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:22 | |
| <i>Surrogate: TCMX [1C]</i> | 109 % | | 30 - 150 | | B8E0707 | 05/07/2018 | 05/07/2018 12:22 | |
| <i>Surrogate: TCMX [2C]</i> | 115 % | | 30 - 150 | | B8E0707 | 05/07/2018 | 05/07/2018 12:22 | |
| <i>Surrogate: DCB [1C]</i> | 95.2 % | | 30 - 150 | | B8E0707 | 05/07/2018 | 05/07/2018 12:22 | |
| <i>Surrogate: DCB [2C]</i> | 96.0 % | | 30 - 150 | | B8E0707 | 05/07/2018 | 05/07/2018 12:22 | |

CET # : 8050141
 Project: Fairfield
 Project Number: AY

Client Sample ID SP4

Lab ID: 8050141-04

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 | ND | 53 | 1 | EPA 3550C | B8E0427 | 05/04/2018 | 05/05/2018 03:43 | |
| <i>Surrogate: Octacosane</i> | <i>87.6 %</i> | | <i>50 - 150</i> | | B8E0427 | 05/04/2018 | <i>05/05/2018 03:43</i> | |

PCBs by ASE

Analyst: MPC

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 | B8E0707 | 05/07/2018 | 05/07/2018 12:41 | |
| PCB-1221 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:41 | |
| PCB-1232 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:41 | |
| PCB-1242 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:41 | |
| PCB-1248 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:41 | |
| PCB-1254 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:41 | |
| PCB-1260 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:41 | |
| PCB-1268 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:41 | |
| PCB-1262 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 12:41 | |
| <i>Surrogate: TCMX [1C]</i> | <i>105 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 12:41</i> | |
| <i>Surrogate: TCMX [2C]</i> | <i>111 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 12:41</i> | |
| <i>Surrogate: DCB [1C]</i> | <i>96.5 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 12:41</i> | |
| <i>Surrogate: DCB [2C]</i> | <i>99.4 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 12:41</i> | |

CET # : 8050141
 Project: Fairfield
 Project Number: AY

Client Sample ID SP5

Lab ID: 8050141-05

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 | ND | 54 | 1 | EPA 3550C | B8E0427 | 05/04/2018 | 05/05/2018 04:06 | |
| <i>Surrogate: Octacosane</i> | <i>95.6 %</i> | | <i>50 - 150</i> | | B8E0427 | 05/04/2018 | <i>05/05/2018 04:06</i> | |

PCBs by ASE

Analyst: MPC

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 | B8E0707 | 05/07/2018 | 05/07/2018 13:00 | |
| PCB-1221 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 13:00 | |
| PCB-1232 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 13:00 | |
| PCB-1242 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 13:00 | |
| PCB-1248 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 13:00 | |
| PCB-1254 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 13:00 | |
| PCB-1260 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 13:00 | |
| PCB-1268 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 13:00 | |
| PCB-1262 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 13:00 | |
| <i>Surrogate: TCMX [1C]</i> | <i>107 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 13:00</i> | |
| <i>Surrogate: TCMX [2C]</i> | <i>114 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 13:00</i> | |
| <i>Surrogate: DCB [1C]</i> | <i>90.8 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 13:00</i> | |
| <i>Surrogate: DCB [2C]</i> | <i>92.3 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 13:00</i> | |

CET # : 8050141
 Project: Fairfield
 Project Number: AY

Client Sample ID SP6

Lab ID: 8050141-06

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 | ND | 54 | 1 | EPA 3550C | B8E0427 | 05/04/2018 | 05/05/2018 04:30 | |
| <i>Surrogate: Octacosane</i> | <i>122 %</i> | | <i>50 - 150</i> | | B8E0427 | 05/04/2018 | <i>05/05/2018 04:30</i> | |

PCBs by ASE

Analyst: MPC

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 | B8E0707 | 05/07/2018 | 05/07/2018 13:19 | |
| PCB-1221 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 13:19 | |
| PCB-1232 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 13:19 | |
| PCB-1242 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 13:19 | |
| PCB-1248 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 13:19 | |
| PCB-1254 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 13:19 | |
| PCB-1260 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 13:19 | |
| PCB-1268 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 13:19 | |
| PCB-1262 | ND | 0.11 | 1 | EPA 3545A | B8E0707 | 05/07/2018 | 05/07/2018 13:19 | |
| <i>Surrogate: TCMX [1C]</i> | <i>115 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 13:19</i> | |
| <i>Surrogate: TCMX [2C]</i> | <i>123 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 13:19</i> | |
| <i>Surrogate: DCB [1C]</i> | <i>103 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 13:19</i> | |
| <i>Surrogate: DCB [2C]</i> | <i>106 %</i> | | <i>30 - 150</i> | | B8E0707 | 05/07/2018 | <i>05/07/2018 13:19</i> | |

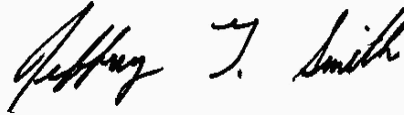
All questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

This technical report was reviewed by Jeffrey Smith



David Ditta
Laboratory Director



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

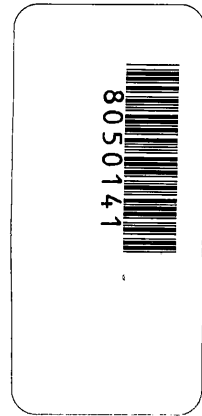
Certified Analyses included in this Report

| Analyte | Certifications |
|---------------------------------|----------------|
| <i>CT-ETPH in Soil</i> | |
| ETPH | CT |
| <i>EPA 6020A in Soil</i> | |
| Lead | CT,NY |
| Arsenic | CT,NY |
| <i>EPA 8082A in Soil</i> | |
| PCB-1016 | CT,NY |
| PCB-1221 | CT,NY |
| PCB-1232 | CT,NY |
| PCB-1242 | CT,NY |
| PCB-1248 | CT,NY |
| PCB-1254 | CT,NY |
| PCB-1260 | CT,NY |
| PCB-1268 | CT,NY |
| PCB-1262 | NY |
| <i>SM 2540 G in Soil</i> | |
| 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 |

8050141



COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:

Date and Time in Freezer

Client:

CET:

Additional Analysis

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

Table with columns for Sample ID/Sample Depths, Collection Date/Time, Matrix, Turnaround Time, and various testing parameters like Metals and Additional Analysis.

Client / Reporting Information
Company Name: CEI029
Address:
City: State: ZIP:
Report To:
Phone #: Fax #

Project Information
Project: FAIRFIELD
Location: AY
CET Quote #:
Data Report [] PDF [] Sld [] EDD - Specify Format
RSR Reporting Limits (check one) [] GA [] GB [] SWP [] Other
Evidence of Cooling: [] Y [] N []

* 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.

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

Analytical Report

CET# 8050246



Report Date: May 10, 2018
Project: Fairfield

Connecticut Laboratory Certificate: PH 0116
Massachusetts laboratory Certificate: M-CT903



New York NELAP Accreditation: 11982
Rhode Island Certification: 199

CET # : 8050246

Project: Fairfield

SAMPLE SUMMARY

The sample(s) were received at 26.0°C.

This report contains analytical data associated with following samples only.

| Sample ID | Laboratory ID | Matrix | Collection Date/Time | Receipt Date |
|-----------|---------------|--------|----------------------|--------------|
| PS1 | 8050246-01 | Soil | 5/08/2018 10:30 | 05/08/2018 |
| PS2 | 8050246-02 | Soil | 5/08/2018 10:30 | 05/08/2018 |
| SSE | 8050246-03 | Soil | 5/08/2018 10:30 | 05/08/2018 |
| SSW | 8050246-04 | Soil | 5/08/2018 10:30 | 05/08/2018 |

CET # : 8050246

Project: Fairfield

Analyte: Percent Solids [SM 2540 G]

Analyst: DRL

Matrix: Soil

| Laboratory ID | Client Sample ID | Result | RL | Units | Dilution | Batch | Prepared | Date/Time Analyzed | Notes |
|---------------|------------------|--------|-----|-------|----------|---------|------------|--------------------|-------|
| 8050246-01 | PS1 | 90 | 1.0 | % | 1 | B8E0842 | 05/08/2018 | 05/09/2018 09:25 | |
| 8050246-02 | PS2 | 91 | 1.0 | % | 1 | B8E0842 | 05/08/2018 | 05/09/2018 09:25 | |
| 8050246-03 | SSE | 92 | 1.0 | % | 1 | B8E0842 | 05/08/2018 | 05/09/2018 09:25 | |
| 8050246-04 | SSW | 87 | 1.0 | % | 1 | B8E0842 | 05/08/2018 | 05/09/2018 09:25 | |

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 |
|---------------|------------------|--------|-----|-----------|----------|---------|------------|--------------------|-------|
| 8050246-01 | PS1 | 87 | 2.2 | mg/kg dry | 1 | B8E0835 | 05/08/2018 | 05/08/2018 20:00 | |
| 8050246-02 | PS2 | 60 | 2.1 | mg/kg dry | 1 | B8E0835 | 05/08/2018 | 05/08/2018 20:04 | |
| 8050246-03 | SSE | 9.7 | 2.1 | mg/kg dry | 1 | B8E0835 | 05/08/2018 | 05/08/2018 20:08 | |
| 8050246-04 | SSW | 14 | 2.3 | mg/kg dry | 1 | B8E0835 | 05/08/2018 | 05/08/2018 20:34 | |

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 |
|---------------|------------------|--------|-----|-----------|----------|---------|------------|--------------------|-------|
| 8050246-01 | PS1 | 3.8 | 1.1 | mg/kg dry | 1 | B8E0835 | 05/08/2018 | 05/08/2018 20:00 | |
| 8050246-02 | PS2 | 5.3 | 1.1 | mg/kg dry | 1 | B8E0835 | 05/08/2018 | 05/08/2018 20:04 | |
| 8050246-03 | SSE | 2.3 | 1.0 | mg/kg dry | 1 | B8E0835 | 05/08/2018 | 05/08/2018 20:08 | |
| 8050246-04 | SSW | 2.5 | 1.1 | mg/kg dry | 1 | B8E0835 | 05/08/2018 | 05/08/2018 20:34 | |

CET #: 8050246

Project: Fairfield

Client Sample ID PS1

Lab ID: 8050246-01

Conn. Extractable TPH

Method: CT-ETPH

Analyst: MJH

Matrix: Soil

| Analyte | Result (mg/kg dry) | RL (mg/kg dry) | Dilution | Prep Method | Batch | Prepared | Date/Time Analyzed | Notes |
|------------------------------|-----------------------|-------------------|-----------------|-------------|---------|------------|-------------------------|-------|
| ETPH | 880 | 55 | 1 | EPA 3550C | B8E0831 | 05/08/2018 | 05/09/2018 07:47 | R |
| <i>Surrogate: Octacosane</i> | <i>91.0 %</i> | | <i>50 - 150</i> | | B8E0831 | 05/08/2018 | <i>05/09/2018 07:47</i> | |
| R C18-C36 unknown | | | | | | | | |

PCBs by ASE

Method: EPA 8082A

Analyst: MPC

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 | B8E0909 | 05/09/2018 | 05/09/2018 12:38 | |
| PCB-1221 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 12:38 | |
| PCB-1232 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 12:38 | |
| PCB-1242 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 12:38 | |
| PCB-1248 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 12:38 | |
| PCB-1254 | 0.70 | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 12:38 | |
| PCB-1260 | 1.4 | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 12:38 | |
| PCB-1268 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 12:38 | |
| PCB-1262 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 12:38 | |
| <i>Surrogate: TCMX [1C]</i> | <i>148 %</i> | | <i>30 - 150</i> | | B8E0909 | 05/09/2018 | <i>05/09/2018 12:38</i> | |
| <i>Surrogate: TCMX [2C]</i> | <i>149 %</i> | | <i>30 - 150</i> | | B8E0909 | 05/09/2018 | <i>05/09/2018 12:38</i> | |
| <i>Surrogate: DCB [1C]</i> | <i>98.8 %</i> | | <i>30 - 150</i> | | B8E0909 | 05/09/2018 | <i>05/09/2018 12:38</i> | |
| <i>Surrogate: DCB [2C]</i> | <i>105 %</i> | | <i>30 - 150</i> | | B8E0909 | 05/09/2018 | <i>05/09/2018 12:38</i> | |

CET #: 8050246

Project: Fairfield

Client Sample ID PS2

Lab ID: 8050246-02

Conn. Extractable TPH

Method: CT-ETPH

Analyst: MJH

Matrix: Soil

| Analyte | Result (mg/kg dry) | RL (mg/kg dry) | Dilution | Prep Method | Batch | Prepared | Date/Time Analyzed | Notes |
|------------------------------|-----------------------|-------------------|----------|-------------|---------|------------|-------------------------|-------|
| ETPH | 1700 | 54 | 1 | EPA 3550C | B8E0831 | 05/08/2018 | 05/09/2018 09:17 | R |
| <i>Surrogate: Octacosane</i> | <i>94.0 %</i> | <i>50 - 150</i> | | | B8E0831 | 05/08/2018 | <i>05/09/2018 09:17</i> | |
| R C18-C36 unknown | | | | | | | | |

PCBs by ASE

Method: EPA 8082A

Analyst: MPC

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 | B8E0909 | 05/09/2018 | 05/09/2018 12:57 | |
| PCB-1221 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 12:57 | |
| PCB-1232 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 12:57 | |
| PCB-1242 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 12:57 | |
| PCB-1248 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 12:57 | |
| PCB-1254 | 0.26 | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 12:57 | |
| PCB-1260 | 0.38 | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 12:57 | |
| PCB-1268 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 12:57 | |
| PCB-1262 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 12:57 | |
| <i>Surrogate: TCMX [1C]</i> | <i>136 %</i> | <i>30 - 150</i> | | | B8E0909 | 05/09/2018 | <i>05/09/2018 12:57</i> | |
| <i>Surrogate: TCMX [2C]</i> | <i>137 %</i> | <i>30 - 150</i> | | | B8E0909 | 05/09/2018 | <i>05/09/2018 12:57</i> | |
| <i>Surrogate: DCB [1C]</i> | <i>97.9 %</i> | <i>30 - 150</i> | | | B8E0909 | 05/09/2018 | <i>05/09/2018 12:57</i> | |
| <i>Surrogate: DCB [2C]</i> | <i>92.5 %</i> | <i>30 - 150</i> | | | B8E0909 | 05/09/2018 | <i>05/09/2018 12:57</i> | |

CET #: 8050246

Project: Fairfield

Client Sample ID SSE

Lab ID: 8050246-03

Conn. Extractable TPH

Method: CT-ETPH

Analyst: MJH

Matrix: Soil

| Analyte | Result (mg/kg dry) | RL (mg/kg dry) | Dilution | Prep Method | Batch | Prepared | Date/Time Analyzed | Notes |
|------------------------------|-----------------------|-------------------|----------|-------------|---------|------------|-------------------------|-------|
| ETPH | 580 | 53 | 1 | EPA 3550C | B8E0831 | 05/08/2018 | 05/09/2018 09:39 | R |
| <i>Surrogate: Octacosane</i> | <i>70.0 %</i> | <i>50 - 150</i> | | | B8E0831 | 05/08/2018 | <i>05/09/2018 09:39</i> | |
| R C18-C36 unknown | | | | | | | | |

PCBs by ASE

Method: EPA 8082A

Analyst: MPC

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 | B8E0909 | 05/09/2018 | 05/09/2018 13:16 | |
| PCB-1221 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 13:16 | |
| PCB-1232 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 13:16 | |
| PCB-1242 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 13:16 | |
| PCB-1248 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 13:16 | |
| PCB-1254 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 13:16 | |
| PCB-1260 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 13:16 | |
| PCB-1268 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 13:16 | |
| PCB-1262 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 13:16 | |
| <i>Surrogate: TCMX [1C]</i> | <i>143 %</i> | <i>30 - 150</i> | | | B8E0909 | 05/09/2018 | <i>05/09/2018 13:16</i> | |
| <i>Surrogate: TCMX [2C]</i> | <i>147 %</i> | <i>30 - 150</i> | | | B8E0909 | 05/09/2018 | <i>05/09/2018 13:16</i> | |
| <i>Surrogate: DCB [1C]</i> | <i>98.7 %</i> | <i>30 - 150</i> | | | B8E0909 | 05/09/2018 | <i>05/09/2018 13:16</i> | |
| <i>Surrogate: DCB [2C]</i> | <i>95.2 %</i> | <i>30 - 150</i> | | | B8E0909 | 05/09/2018 | <i>05/09/2018 13:16</i> | |

CET #: 8050246

Project: Fairfield

Client Sample ID SSW

Lab ID: 8050246-04

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 | 880 | 57 | 1 | EPA 3550C | B8E0831 | 05/08/2018 | 05/09/2018 10:02 | R |
| <i>Surrogate: Octacosane</i> | 97.0 % | 50 - 150 | | | B8E0831 | 05/08/2018 | 05/09/2018 10:02 | |
| R C18-C36 unknown | | | | | | | | |

PCBs by ASE

Analyst: MPC

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 | B8E0909 | 05/09/2018 | 05/09/2018 13:35 | |
| PCB-1221 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 13:35 | |
| PCB-1232 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 13:35 | |
| PCB-1242 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 13:35 | |
| PCB-1248 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 13:35 | |
| PCB-1254 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 13:35 | |
| PCB-1260 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 13:35 | |
| PCB-1268 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 13:35 | |
| PCB-1262 | ND | 0.11 | 1 | EPA 3545A | B8E0909 | 05/09/2018 | 05/09/2018 13:35 | |
| <i>Surrogate: TCMX [1C]</i> | 122 % | 30 - 150 | | | B8E0909 | 05/09/2018 | 05/09/2018 13:35 | |
| <i>Surrogate: TCMX [2C]</i> | 126 % | 30 - 150 | | | B8E0909 | 05/09/2018 | 05/09/2018 13:35 | |
| <i>Surrogate: DCB [1C]</i> | 85.2 % | 30 - 150 | | | B8E0909 | 05/09/2018 | 05/09/2018 13:35 | |
| <i>Surrogate: DCB [2C]</i> | 88.1 % | 30 - 150 | | | B8E0909 | 05/09/2018 | 05/09/2018 13:35 | |

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

Sincerely,

This technical report was reviewed by Robert Blake



David Ditta
Laboratory Director



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.

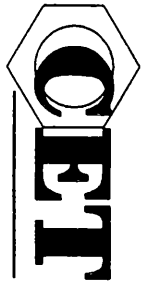
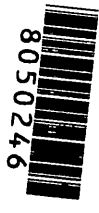
CERTIFICATIONS

Certified Analyses included in this Report

| Analyte | Certifications |
|---------------------------------|----------------|
| <i>CT-ETPH in Soil</i> | |
| ETPH | CT |
| <i>EPA 6010C in Soil</i> | |
| Lead | CT,NY |
| Arsenic | CT,NY |
| <i>EPA 8082A in Soil</i> | |
| PCB-1016 | CT,NY |
| PCB-1221 | CT,NY |
| PCB-1232 | CT,NY |
| PCB-1242 | CT,NY |
| PCB-1248 | CT,NY |
| PCB-1254 | CT,NY |
| PCB-1260 | CT,NY |
| PCB-1268 | CT,NY |
| PCB-1262 | NY |
| <i>SM 2540 G in Soil</i> | |
| 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 |



COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:

Date and Time in Freezer

Client:

CET:

Additional Analysis

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

Sample ID/Sample Depths
(include Units for any sample depths provided)

| Matrix | Turnaround Time ** (check one) | | | |
|-------------------|-----------------------------------|------------|-----------|-------------|
| | Same Day * | Next Day * | Two Day * | Three Day * |
| A-Air | | | | |
| S-Soil | | | | |
| W-Water | | | | |
| DW-Drinking Water | | | | |
| C-Cassette | | | | |
| Solid Wipe | | | | |
| Other (Specify) | | | | |

PS1
PS2
SS1
SS2
SSW

5/8/18 10:30AM

| Metals | |
|---|--|
| 8260 CT List | |
| 8260 Aromatics | |
| 8260 Halogens | |
| CT ETPH | |
| 8270 CT List | |
| 8270 PNAs | |
| PCBs <input type="checkbox"/> SOX <input checked="" type="checkbox"/> ASE | |
| Pesticides | |
| 8 RCRA | |
| 13 Priority Poll | |
| 15 CT DEP | |
| Total | |
| SPLP | |
| TCLP | |
| Dissolved | |
| Field Filtered | |
| Lab to Filter | |

ASPB
TOTAL # OF CONT. 1
NOTE # 1

PRESERVATIVE (Cl-HCl, N-HNO₃, S-H₂SO₄, Na-NaOH, C-Cool, O-Other)
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)

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

RELINQUISHED BY: DATE/TIME RECEIVED BY: DATE/TIME
RELINQUISHED BY: DATE/TIME RECEIVED BY: DATE/TIME

RELINQUISHED BY: DATE/TIME RECEIVED BY: DATE/TIME
RELINQUISHED BY: DATE/TIME RECEIVED BY: DATE/TIME

Project: FAIRFIELD
Location: AY
Project #: 249ABARRK
Collector(s):

Client / Reporting Information
Company Name: OSPERY
Address: OSPERY
City: State: Zip:

Report to: E-mail:
Phone #: Fax #:

Notes: For Thursday PM

QA/QC Std Site Specific (MS/MSD) * RCP Pkg * DOAW *
Data Report PDF EDD - Specify Format
RSR Reporting Limits (check one) GA GB SWP Other
Laboratory Certification Needed (check one) CT NY RI MA
Temp Upon Receipt: 26.0 °C Evidence of Cooling: Y N

* 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