



# Clean, Preserve...Protect Environmental Specialists

May 22, 2023  
Page 1 of 3

The Estate of Robert H. Whitby and Kathleen S. Whitby  
Mr. Paul Whitby, Executor  
173 Parsonage Road  
Greenwich, Connecticut 06830

**Subject:** Underground Tank Investigation and  
Soil Remediation

**Ref:** CT-DEEP File Number: 2023-00926  
Permit # 23-0779.

**Location:** Residential Property  
173 Parsonage Road  
Greenwich, Connecticut 06830

Dear Mr. Whitby:

## **Introduction:**

The purpose of this report is to summarize the events that transpired at the above-mentioned location concerning soil removal, disposal and investigation of a 1000-gallon underground fuel oil tank that was removed by Enviroshield, Inc. on April 10, 2023.

All work performed as part of this investigation was conducted by Enviroshield, Inc., a State of Connecticut Department of Energy and Environmental Protection (CT-DEEP) licensed waste transporter and spill clean-up contractor using industry standard equipment and methods and in consideration of CT-DEEP Residential Guidelines. The subject property contains a single-family residence and is serviced by municipal water supply. A copy of the Town of Greenwich Certificate of Occupancy/Compliance is included in Appendix D with this report.

The following is a discussion of the work performed by Enviroshield, Inc. at the subject site since initiation on Monday, April 10, 2023.

## **Discussion:**

*Monday, April 10<sup>th</sup>, 2023*

Enviroshield personnel excavated and removed one (1) 1000-gallon underground fuel oil storage tank from the subject site. The former location of the tank is indicated in Site Photograph 1 and 2 of 3, contained in Appendix A with this report. A total of 620 gallons of liquid (content and rinse water) was pumped from the tank. The liquid was transported by Enviroshield and disposed of at Tradebe Treatment & Recycling of Bridgeport LLC, a licensed waste recycling company in Bridgeport, Connecticut. A copy of the liquid waste transport Bill of Lading is contained in Appendix B with this report.

After removal of the tank from the ground, a soil sample was collected from the soil underlying the tank ("Tank Grave"). The sample was submitted to Complete Environmental Testing (CET) to be analyzed by the CT-DEEP recommended method for Extractable Total Petroleum Hydrocarbons (ETPH). CET is a State of Connecticut licensed environmental testing laboratory located in Stratford, Connecticut. The CT-DEEP Criteria Level for ETPH in soil is 500 parts per million (ppm).

As indicated in the CET # 3040194R Analytical Report included in Appendix C, the sample identified as ("Tank Grave") contained 25000 ppm of ETPH. This result exceeds the CT-DEEP Criteria Level of 500 ppm for ETPH.

The excavation was back filled and secured pending further remediation work. The tank was disposed of at P.C. Metals in Bridgeport, Connecticut.

The CT-DEEP Emergency Incident Unit was notified of the release as required by law and Emergency Incident Report (EIR) Case # 2023-00926 was assigned.

*Monday, May 8<sup>th</sup>, 2023*

Enviroshield personnel excavated the fuel oil impacted soil exceeding CT-DEEP criteria from the former tank grave. As the excavation progressed, soil samples from the excavation were field-screened using a Rae® 2020 Photo-ionization Detector (PID) to guide the excavation.

Twenty-six point four (26.40) tons of fuel oil contaminated soil was transported to Clean Earth of Carteret. Clean Earth is a licensed soil disposal/recycling facility located in Carteret, New Jersey. A copy of the waste transport manifest, and weight ticket are included in Appendix B. The final dimensions of the excavation were approximately 14' by 7' to a depth of 8' as indicated in Site Photograph 3 in Appendix A.

Post excavation soil samples were collected from the bottom of the four walls and the center bottom of the excavation for ETPH analysis. The soil samples were submitted to CET; as indicated in the Analytical Report CET # 3050236 contained in Appendix C, all the post excavation samples yielded results below the regulatory criteria as summarized below:

Date	05/08/2023	05/08/2023	05/08/2023	05/08/2023	05/08/2023	CT-DEEP
Sample I.D.	North	South	East	West	Bottom	Criteria level
ETPH in ppm	ND < 59	ND < 58	ND < 57	ND < 57	ND < 58	500

ND = None Detected at or above the specified reporting limit

All the oil impacted soil was removed and disposed of off-site. The area was backfilled to surrounding grade.

No groundwater was observed during any of the site work.



**Conclusions:**

1. Based on visual observations, field screening and laboratory analysis it was determined that soil surrounding a former underground fuel oil tank was impacted by fuel oil.
2. Based on laboratory analysis, the excavation and disposal of 26.4 tons of fuel oil impacted soil has effectively remediated the oil impact to soil within the former tank grave.
3. No groundwater was observed during any of the site work.
4. The fuel oil leak from the underground fuel oil tank has been remediated to the State of Connecticut standard established by the CT DEEP for residential home oil leaks.
5. All work performed as part of this project was completed by a State of Connecticut licensed spill cleanup contractor according to the Residential Guidelines established by the CT-DEEP.

No other statement about environmental conditions regarding the subject site are made or intended other than what is specifically mentioned and addressed within this report. If you have any questions concerning the work, please contact me at (203) 380-5644.

Sincerely,  
Enviroshield, Inc.



Richard Louis  
Vice President

RDL/rl: \\Saved Reports\Remediation\2023\173 Parsonage Road Greenwich Rem.doc

cc: CT-DEEP Spills Unit ([deep.spillsdocs@ct.gov](mailto:deep.spillsdocs@ct.gov))  
Town of Greenwich Fire Marshal Office ([dwood@greenwichct.org](mailto:dwood@greenwichct.org))

Attachments



**Appendix A**  
**Site Photographs (3 pages)**





## **Clean, Preserve...Protect Environmental Specialists**

### **Appendix A – Site Photographs**

Page 1 of 3

Residence  
173 Parsonage Road  
Greenwich, Connecticut 06830

Image of the area under which (is) buried a 1,000-gallon underground storage tank (UST):



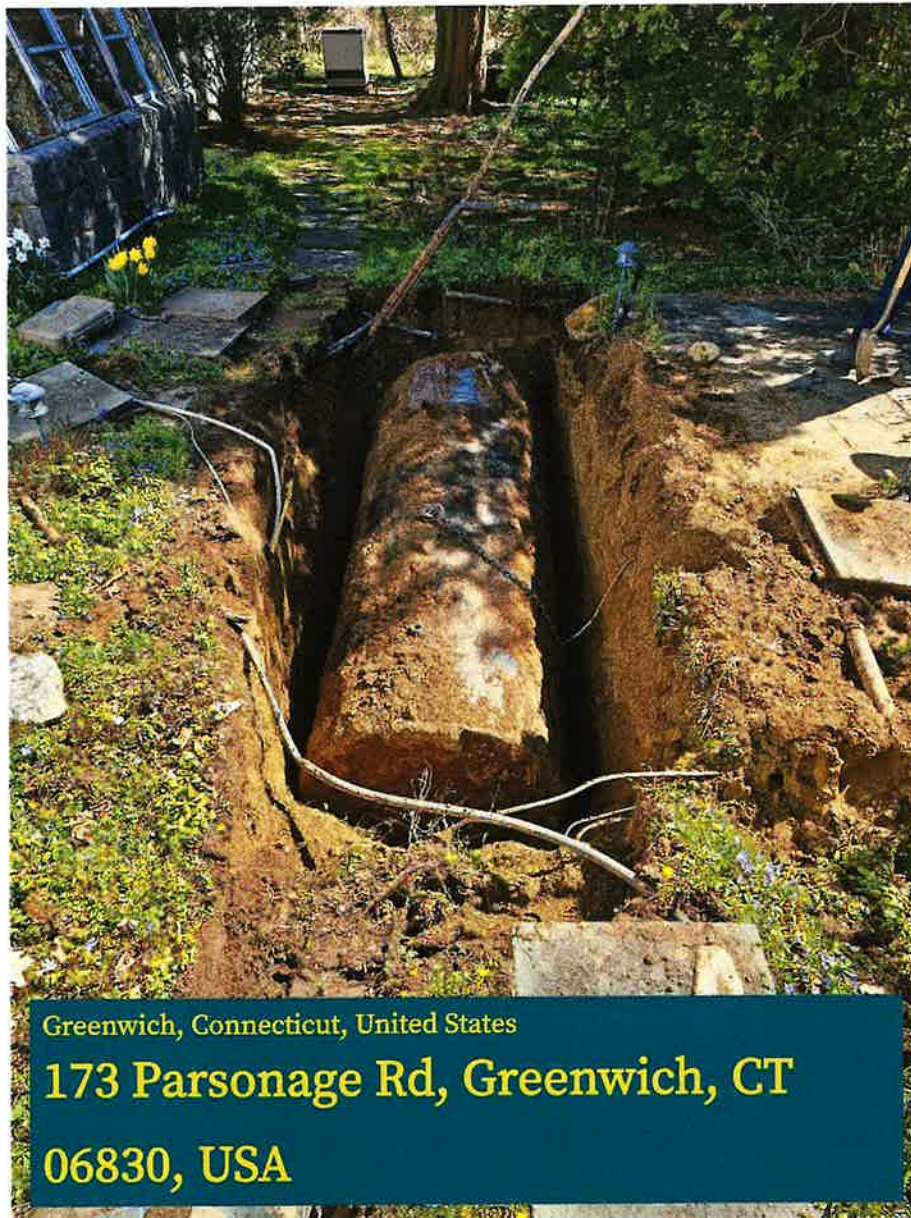


**Appendix A – Site Photographs**

Page 2 of 3

Residence  
173 Parsonage Road  
Greenwich, Connecticut 06830

1,000-gallon UST during removal:



Greenwich, Connecticut, United States

**173 Parsonage Rd, Greenwich, CT**

**06830, USA**



**Appendix A – Site Photographs**

Page 3 of 3

Residence  
173 Parsonage Road  
Greenwich, Connecticut 06830

Image of completed excavation / abatement of oil impacted soil:



**Appendix B**  
**Liquid Waste Bills of Lading,**  
**Solid Waste Disposal Manifest**  
**&**  
**Weight Ticket**





Clean, Preserve...Protect  
Environmental Specialists

## BILL OF LADING

### DESCRIPTION:

Check applicable waste ID:

☒ (NA1993) Fuel oil / diesel / waste oil

☐ (UN1203) Gasoline

☐ (UN1223) Kerosene

Off-Specification commercial chemical product fuel  
(applicable in CT only)

☐ Waste, NON-RCRA, Liquid, N.O.S. (Oil/Water mix) Non-Haz, None  
(applicable in NY State) **Water only** (no fuel waste).

Date: 4/10/2023 Total Quantity: 620 gallons

Generator Name: Estate of Robert & Kathleen Whitby

Site Address: 173 Parsonage Road

City: Greenwich State: CT Zip: 06830

Telephone: 646-709-5731 W.O.#: \_\_\_\_\_

Generator/Agent for Signature: \_\_\_\_\_

Transporter: Enviroshield, Inc., 250 Moffitt Street, Stratford, CT 06615 203-380-5644  
Connecticut: CT-HW-495; New York: CT-095; Westchester County NY:  
WC-27310-H14; Connecticut H.I.C. 0582591

Driver Signature: \_\_\_\_\_

Destination/Facility: Tradebe Treatment and Recycling of Bridgeport LLC  
50 Cross Street  
Bridgeport, Connecticut 06610

Approval Code: \_\_\_\_\_

(SEE BACK FOR HAZARD/SAFETY/RESPONSE DETAILS)

F:\Templates\Misc\Bill of Lading Liquid.docx

P.O. Box 1296, 250 Moffitt St., Stratford, CT 06615 (203) 380-5644 (800) 394-2268 FAX (203) 378-8736  
[www.enviroshield.com](http://www.enviroshield.com) [info@enviroshield.com](mailto:info@enviroshield.com)

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3103981

	Date	Time	Scale
In:	05/08/2023	13:16:41	CEC
Out:	05/08/2023	13:16:41	CEC

Manifest:2642426  
Vehicle:07Val291  
Decal:

	Lbs.	Tns
Gross:	80,940	40.47
Tare:	28,140	14.07
Net:	52,800	26.40

Customer:Enviroshield  
Generator:The Estate of RH & KS  
Address:Whitby  
173 Parsonage Road  
GREENWICH, CT 06830

Carrier:Valiant Contracting LLC  
Profile #:233070606

Job:The Estate of RH & KS Whitby  
Address:173 Parsonage Road  
GREENWICH, CT 06830

## Material

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1013540 FACILITY APPROVAL NUMBER: 233070606

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>The Estate of RH &amp; KS Whitby</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>173 Parsonage Road</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>GREENWICH CT 06830</b>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: _____	

### DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

### GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Vicker Dutz Title: Agent  
Signature: \_\_\_\_\_ Date and Time: 5.8.23

### TRANSPORTER

Company: Valiant Contracting, LLC Phone Number: 973-234-5668  
Address: 226 Prospect Pt. Rd,  
LK Hopatcong, NJ 07849 Truck # and License Plate: 291AX281E  
Driver: Fernando Rios SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Fernando Rios Date and Time: 5.8.23

### DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Fernando Rios Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Rain Date and Time: 5/8/23

FACILITY



**Appendix C**  
**CET**  
**Analytical Reports**



Client: Mr. Richard Louis  
Enviroshield, Inc.  
P.O. Box 1296  
Stratford, CT 06615

## **Analytical Report**

### **CET# 3040194R**

Report Date: April 12, 2023  
Project: Estate of Whitby, 173 Parsonage Rd, Greenwich  
PO Number: 29999

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



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

CET #: 3040194

Project: Estate of Whitby, 173 Parsonage Rd, Greenwich

### SAMPLE SUMMARY

The sample(s) were received at 23.6°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
Tank Grave	3040194-01	Soil	4/10/2023 11:00	04/10/2023

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

**Analyst: RAN**

**Matrix: Soil**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
3040194-01	Tank Grave	87	1.0	%	1	B3D1037	04/10/2023	04/11/2023 08:30	

**Client Sample ID Tank Grave**

**Lab ID: 3040194-01**

**Conn. Extractable TPH**

**Analyst: ACS**

**Method: CT-ETPH**

**Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
<b>ETPH</b>	<b>25000</b>	290	5	EPA 3550C	B3D1120	04/11/2023	04/12/2023 14:08	2
Surrogate: Octacosane	120 %	50 - 150			B3D1120	04/11/2023	04/12/2023 14:08	
2 C9-C28 Fuel Oil Range								



CET # : 3040194

Project: Estate of Whitby, 173 Parsonage Rd, Greenwich

## QUALITY CONTROL SECTION

### Batch B3D1120 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
<b>Blank (B3D1120-BLK1)</b>					Prepared: 4/11/2023 Analyzed: 4/12/2023				
ETPH	ND	50							
<i>Surrogate: Octacosane</i>					103	50 - 150			
<b>LCS (B3D1120-BS1)</b>					Prepared: 4/11/2023 Analyzed: 4/12/2023				
ETPH	1420	50	1,500.000		94.9	60 - 120			
<i>Surrogate: Octacosane</i>					95.7	50 - 150			



80 Lupes Drive  
Stratford, CT 06615

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

## Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration Batch	An analytical standard analyzed with each set of samples to verify initial calibration of the system. Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

### Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.



Connecticut Laboratory Certification PH0116  
Massachusetts Laboratory Certification M-CT903  
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982  
Rhode Island Certification 199

CET # : 3040194

Project: Estate of Whitby, 173 Parsonage Rd, Greenwich

## **CASE NARRATIVE**


Revision: Original report dated 4/12/2023; Revised ETPH results due to lab error.



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

This report shall not be reproduced except in full, without the written approval of the laboratory

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- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No 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

Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.

All analyses were performed in house unless a Reference Laboratory is listed.

Samples will be disposed of 30 days after the report date.

CET # : 3040194

Project: Estate of Whitby, 173 Parsonage Rd, Greenwich

#### CERTIFICATIONS

##### Certified Analyses included in this Report

Analyte	Certifications
<b><i>CT-ETPH in Soil</i></b>	
ETPH	CT
<b><i>SM 2540 G in Soil</i></b>	
Percent Solids	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2024

3040194



COMPLETE ENVIRONMENTAL TESTING, INC.

## CHAIN OF CUSTODY

Volatile Soils Only:

Date and Time in Freezer

Client:

CET:

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80 Lupes Drive  
Stratford, CT 06615Tel: (203) 377-9984  
Fax: (203) 377-9952e-mail: cetlabs.com  
e-mail: bottleorders@cetlabs.comSample ID/Sample Depths  
(include Units for any sample depths provided)Collection  
Date/TimeMatrix  
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)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 #

Tank Grease

4-10-03 11:00

S

✓

✓

1

PRESERVATIVE (Cl-HCl, N-HNO<sub>3</sub>, S-H<sub>2</sub>SO<sub>4</sub>, 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=Vial Empty E=Encore)

RELINQUISHED BY: DATE/TIME RECEIVED BY: 4/10/03 15:30

RELINQUISHED BY: DATE/TIME RECEIVED BY: 4/10/03 15:30

RELINQUISHED BY: DATE/TIME RECEIVED BY:

## Client / Reporting Information

Company Name

Address

City State Zip

Report To: E-mail

Phone # Fax #

## NOTES:

Project: Estate of Kathleen H. White PO #: 29999

Location: 173 Parsonsage Rd Greenwich Project #:

CET Quote # Collector(s): 33

QA/QC ☒ Std ☐ Site Specific (MSMSD) \* ☐ RCP Pkg \* ☐ DQAW \*Data Report ☒ PDF ☒ EDD - Specify Format Excel OtherRSR Reporting Limits (check one) ☒ VGA ☐ LGB ☐ SWP ☐ OtherLaboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PA

Temp Upon Receipt 23.6°C Evidence of Cooling: Y (N) PAGE OF

\* 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. 12/18

80 Lupes Drive  
Stratford, CT 06615



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

Client: Mr. Richard Louis  
Enviroshield, Inc.  
P.O. Box 1296  
Stratford, CT 06615

## **Analytical Report**

### **CET# 3050236**

Report Date: May 10, 2023  
Project: Whitby, 173 Parsonage Rd, Greenwich  
PO Number: 31166

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



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

CET # : 3050236

Project: Whitby, 173 Parsonage Rd, Greenwich

**SAMPLE SUMMARY**

The sample(s) were received at 4.9°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
North	3050236-01	Soil	5/08/2023 10:00	05/09/2023
South	3050236-02	Soil	5/08/2023 10:15	05/09/2023
East	3050236-03	Soil	5/08/2023 10:20	05/09/2023
West	3050236-04	Soil	5/08/2023 10:30	05/09/2023
Bottom	3050236-05	Soil	5/08/2023 10:35	05/09/2023

**Analyte: Percent Solids [SM 2540 G]****Analyst: RAN****Matrix: Soil**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
3050236-01	North	84	1.0	%	1	B3E1002	05/10/2023	05/10/2023 11:45	
3050236-02	South	85	1.0	%	1	B3E1002	05/10/2023	05/10/2023 11:45	
3050236-03	East	87	1.0	%	1	B3E1002	05/10/2023	05/10/2023 11:45	
3050236-04	West	86	1.0	%	1	B3E1002	05/10/2023	05/10/2023 11:45	
3050236-05	Bottom	85	1.0	%	1	B3E1002	05/10/2023	05/10/2023 11:45	

**Client Sample ID North****Lab ID: 3050236-01****Conn. Extractable TPH****Analyst: ACS****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	59	1	EPA 3550C	B3E0901	05/09/2023	05/10/2023 03:24	
Surrogate: Octacosane	108 %	50 - 150			B3E0901	05/09/2023	05/10/2023 03:24	

Complete Environmental Testing, Inc.

80 Lupes Drive, Stratford, CT 06615 • Tel: 203-377-9984 • Fax: 203-377-9952 • www.cetlabs.com

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CET # : 3050236

Project: Whitby, 173 Parsonage Rd, Greenwich

**Client Sample ID South**

**Lab ID: 3050236-02**

**Conn. Extractable TPH**

**Analyst: ACS**

**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	58	1	EPA 3550C	B3E0901	05/09/2023	05/10/2023 03:45	
Surrogate: Octacosane	108 %	50 - 150			B3E0901	05/09/2023	05/10/2023 03:45	

**Client Sample ID East**

**Lab ID: 3050236-03**

**Conn. Extractable TPH**

**Analyst: ACS**

**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	57	1	EPA 3550C	B3E0901	05/09/2023	05/10/2023 04:06	
Surrogate: Octacosane	109 %	50 - 150			B3E0901	05/09/2023	05/10/2023 04:06	

**Client Sample ID West**

**Lab ID: 3050236-04**

**Conn. Extractable TPH**

**Analyst: ACS**

**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	57	1	EPA 3550C	B3E0901	05/09/2023	05/10/2023 04:27	
Surrogate: Octacosane	111 %	50 - 150			B3E0901	05/09/2023	05/10/2023 04:27	



CET # : 3050236

Project: Whitby, 173 Parsonage Rd, Greenwich

**Client Sample ID Bottom**

**Lab ID: 3050236-05**

**Conn. Extractable TPH**

**Analyst: ACS**

**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	58	1	EPA 3550C	B3E0901	05/09/2023	05/10/2023 04:48	
Surrogate: Octacosane	109 %	50 - 150			B3E0901	05/09/2023	05/10/2023 04:48	

CET # : 3050236

Project: Whitby, 173 Parsonage Rd, Greenwich

## QUALITY CONTROL SECTION

### Batch B3E0901 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
<b>LCS (B3E0901-BS1)</b>					Prepared: 5/9/23 Analyzed: 5/10/23				
ETPH	1510	50	1,500.000		100	60 - 120			
<i>Surrogate: Octacosane</i>					96.0	50 - 150			



80 Lupes Drive  
Stratford, CT 06615

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

### Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration Batch	An analytical standard analyzed with each set of samples to verify initial calibration of the system. Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

#### Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.



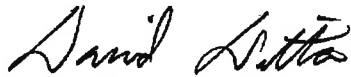
Connecticut Laboratory Certification PH0116  
Massachusetts Laboratory Certification M-CT903  
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982  
Rhode Island Certification 199

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

This report shall not be reproduced except in full, without the written approval of the laboratory

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- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No 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

Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.

All analyses were performed in house unless a Reference Laboratory is listed.

Samples will be disposed of 30 days after the report date.

CET # : 3050236

Project: Whitby, 173 Parsonage Rd, Greenwich

#### CERTIFICATIONS

##### Certified Analyses included in this Report

Analyte	Certifications
<i>CT-ETPH in Soil</i>	
ETPH	CT
<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	09/30/2024

Complete Environmental Testing, Inc.

80 Lupes Drive, Stratford, CT 06615 • Tel: 203-377-9984 • Fax: 203-377-9952 • [www.cetlabs.com](http://www.cetlabs.com)



3050236



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: cet-services@cellabs.com  
e-mail: bottleorders@cellabs.com

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

## Collection Date/Time

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)

8260 CT List

8260 Aromatics

8260 Halogens

CT ETPH

8270 CT List

8270 PNAs

PCBs ☐ SOX ☐ ASE

Pesticides

8 RCRA

13 Priority Poll

15 CT DEP

Total

SPLP

TCLP

Dissolved

Field Filtered

Lab to Filter

Metals

TOTAL # OF CONT.

NOTE #

PRESERVATIVE (Cl-HCl, N-HNO<sub>3</sub>, S-H<sub>2</sub>SO<sub>4</sub>, Na-NaOH, C-Cool, O-Other)

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

Soil VOCs Only (M=Mech B=Bisulphate W=Water F=Empty S=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

## Client / Reporting Information

Company Name

Address

City State Zip

Report To: E-mail

Phone # Fax #

## Project Information

Project: PO #: 51166

Location: 175 Garrison Rd

CET Quote #: Greenwich CT 06630

Collector(s): STH

QA/QC ☒ Std ☐ Site Specific (MS/MSD) \* ☐ RCP Pkg \* ☐ DQAW \*Data Report ☒ PDF ☒ EDD - Specify Format ☒ EXCEL ☐ OtherRSH Reporting Limits (check one) ☒ GA ☒ GB ☒ SWP ☐ OtherLaboratory Certification Needed (check one) ☒ CT ☐ NY ☐ RI ☐ MA ☐ PATemp Upon Receipt 49 °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. 12/18



**Appendix D**

**Town of Greenwich – Building Department  
Permit No: 23-0779  
&  
Certificate of Occupancy/Compliance**



This notice is required to be posted on job site immediately upon receipt and shall be open to public inspection.



## Plumbing/HVAC Permit

### Town of Greenwich – DPW – Division of Buildings

101 Field Point Road, Greenwich, CT 06830  
Telephone: (203)992-8910 Fax: (203)622-7848

[www.greenwichct.gov](http://www.greenwichct.gov)

---

**The Division of Buildings grants permission to:**

EDWARD G KOST  
26 RUSHBROOKE LN  
SHELTON, CT 064846154

**Permit No:** 23-0779

**Permit Date:** 04/11/2023

**To perform the following work:**

Disconnect UST fuel lines from house and remove 1 UST

**Location:** 173 PARSONAGE ROAD,

**Tax No.:** 11-1181

**Construction Type:**

**Valuation of Work:** \$1,875.00

---

**Fees:**

Plumbing

**Amount:**

\$40.00

**Total Fees:**

\$40.00

**Owner:**

WHITBY ROBERT H EST OF & KATHLEEN S  
173 PARSONAGE RD  
GREENWICH, CT 06830

A handwritten signature in cursive script, reading "John S. Valleri".

---

Building Official

# Certificate of Occupancy/Compliance



## Town of Greenwich – DPW – Division of Buildings

101 Field Point Road, P.O. Box 2540, Greenwich, CT 06830

Telephone: (203)992-8910 Fax: (203)622-7848

[www.greewichct.org](http://www.greewichct.org)

This certificate is issued pursuant to the requirements of the building codes certifying that at the time of issuance to the best of our knowledge and belief, this structure was in compliance with the various ordinances of the Town of Greenwich.

EDWARD G KOST  
26 RUSHBROOKE LN  
SHELTON, CT 064846154

Permit No: 23-0779  
Issue Date: 04/25/2023

To perform the following work:  
Plumbing Work / RES1 - Dwelling One Family

Location: 173 PARSONAGE ROAD,

Construction Type:  
Family Units:  
Valuation of Work: \$1,875.00

Tax No.: 11-1181  
Use Group:  
Code Edition:  
Sprinkler System:

Building Fees:

Description of Work: Disconnect UST fuel lines from house and remove 1 UST

Owner: ROBERT H EST OF & KATHLEEN  
S WHITBY  
173 PARSONAGE RD  
GREENWICH, CT 06830

Building Official