

**UNDERGROUND STORAGE TANK REMOVAL REPORT**

**Report Date 1/29/19**

**Client Name: Max Hakim**

**Client Address: 282 Roundhill Road Greenwich, CT 06831**

**Project Address: Same**

**Removal Date: 1/29/19**

**UST Location: Front Yard**

**UST Size and Material: 550-Gallon Single Wall Steel**

**Samples Collected (Analytical Report Attached): One Soil Sample Below UST (ETPH)  
One Soil Sample Below Feed Lines (ETPH)**

C2G Environmental Consultants, LLC (C2G) was contracted to remove a fuel oil underground storage tank (UST) for the above referenced client at the above referenced location. The UST was cleaned and removed from the ground. The UST and associated piping were examined and soil samples were collected and analyzed in accordance with CTDEEP recommendations. The tank contents and tank were removed from the Site and disposed of by C2G in a lawful manner.

**BASED UPON OUR OBSERVATIONS AND REVIEW OF LABORATORY DATA IT IS OUR PROFESSIONAL OPINION THAT THE UST AND ASSOCIATED PIPING REMOVED BY C2G AS DESCRIBED ABOVE DID NOT CAUSE ANY NEGATIVE ENVIRONMENTAL IMPACT**

C2G Environmental Consultants, LLC

  
Paul Bary  
Vice President

**Distribution**

Client: Mailed to Homeowner Farhad Hakim

Building & Fire Department: Mailed to Town of Greenwich

**282 Roundhill Road Greenwich**

Photograph 1: 550 gallon UST in ground



**282 Roundhill Road Greenwich**

Photograph 2: 550 UST out of ground



**282 Roundhill Road Greenwich**

Photograph #3: Tank Cleaned out



**282 Roundhill Road Greenwich**

Photograph #4: Tank grave



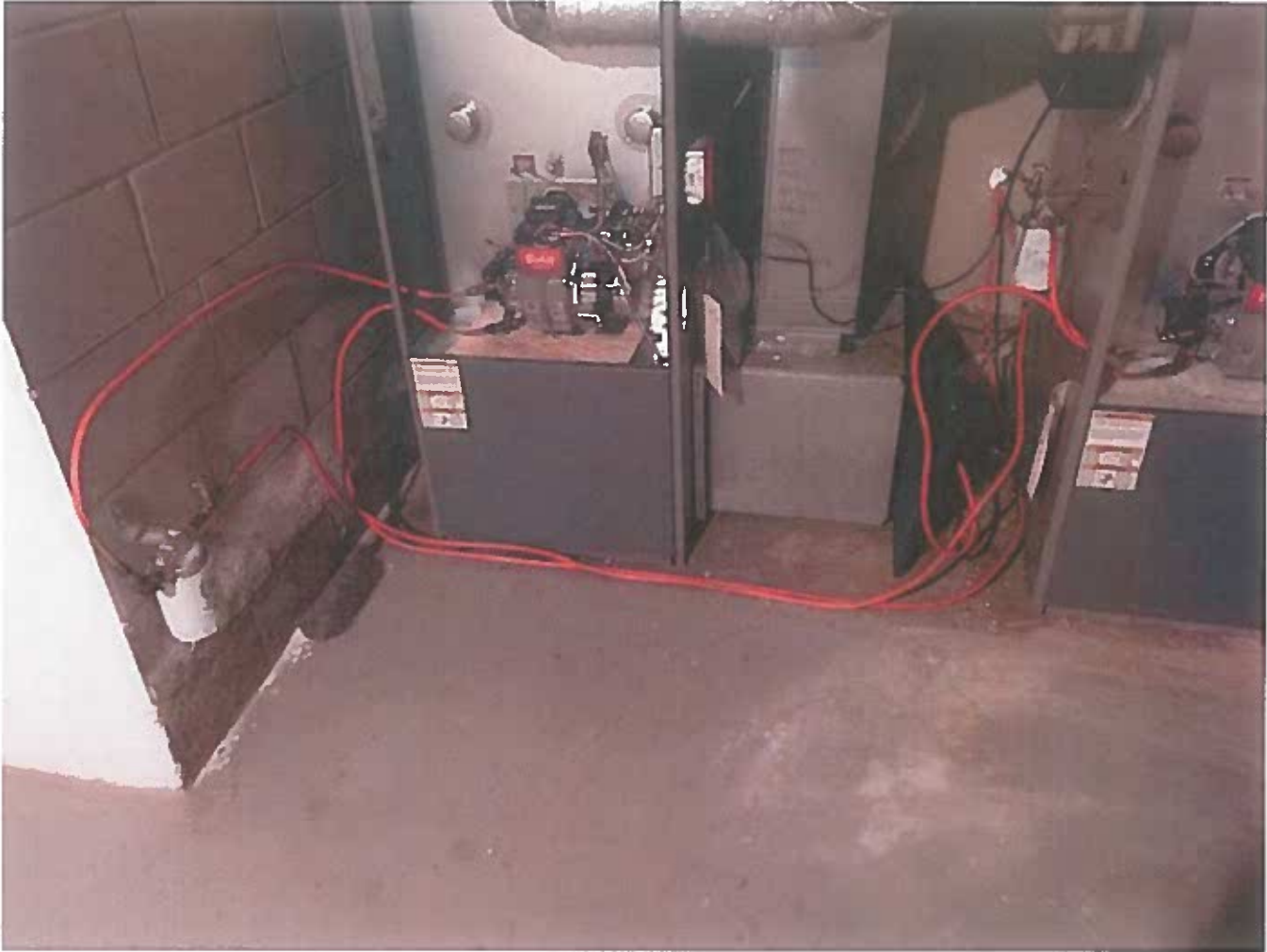
**282 Roundhill Road Greenwich**

Photograph #5: New Granby 275 10 Year tank installed in basement



**282 Roundhill Road Greenwich**

Photograph #6: Lines from Tank to furnace





Tuesday, February 05, 2019

Attn: Julie Healy  
C2G Northeast Operations  
25 Mallane Lane  
Naugatuck. CT 06770

Project ID: MAX HAKIM C8471  
SDG ID: GCC39602  
Sample ID#s: CC39602 - CC39603

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

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

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

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

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

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #M-CT007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
UT Lab Registration #CT00007  
VT Lab Registration #VT11301





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

## Sample Id Cross Reference

February 05, 2019

SDG I.D.: GCC39602

Project ID: MAX HAKIM C8471

---

Client Id	Lab Id	Matrix
N3120- BELOW TANK	CC39602	SOIL
N3120- BELOW LINES	CC39603	SOIL



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

**Analysis Report**  
 February 05, 2019

FOR: Attn: Julie Healy  
 C2G Northeast Operations  
 25 Mallane Lane  
 Naugatuck, CT 06770

Sample Information

Matrix: SOIL  
 Location Code: C2G-CT  
 Rush Request: Standard  
 P.O.#: 1901-2102

Custody Information

Collected by: JH  
 Received by: CP  
 Analyzed by: see "By" below

Date      Time

01/29/19      11:36  
 02/01/19      12:05

Laboratory Data

SDG ID: GCC39602  
 Phoenix ID: CC39602

Project ID: MAX HAKIM C8471  
 Client ID: N3120- BELOW TANK

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	86		%		02/01/19	DA	SW846-%Solid
Extraction of CT ETPH	Completed				02/01/19	SG/LV	SW3545A

TPH by GC (Extractable Products)

Ext. Petroleum H.C. (C9-C36)	ND	58	mg/Kg	1	02/02/19	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	02/02/19	JRB	CTETPH 8015D

QA/QC Surrogates

% n-Pentacosane	61		%	1	02/02/19	JRB	50 - 150 %
-----------------	----	--	---	---	----------	-----	------------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
 QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.  
 If there are any questions regarding this data, please call Phoenix Client Services.  
 This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

February 05, 2019

Reviewed and Released by: Rashmi Makol, Project Manager



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

**Analysis Report**  
 February 05, 2019

FOR: Attn: Julie Healy  
 C2G Northeast Operations  
 25 Mallane Lane  
 Naugatuck, CT 06770

Sample Information

Matrix: SOIL  
 Location Code: C2G-CT  
 Rush Request: Standard  
 P.O.#: 1901-2102

Custody Information

Collected by: JH  
 Received by: CP  
 Analyzed by: see "By" below

Date      Time  
 01/29/19      10:55  
 02/01/19      12:05

Laboratory Data

SDG ID: GCC39602  
 Phoenix ID: CC39603

Project ID: MAX HAKIM C8471  
 Client ID: N3120- BELOW LINES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	90		%		02/01/19	DA	SW846-%Solid
Extraction of CT ETPH	Completed				02/01/19	SG/LV	SW3545A

TPH by GC (Extractable Products)

Ext. Petroleum H.C. (C9-C36)	ND	55	mg/Kg	1	02/02/19	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	02/02/19	JRB	CTETPH 8015D

QA/QC Surrogates

% n-Pentacosane	51		%	1	02/02/19	JRB	50 - 150 %
-----------------	----	--	---	---	----------	-----	------------

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
 QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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

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

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

February 05, 2019

Reviewed and Released by: Rashmi Makol, Project Manager



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

# QA/QC Report

February 05, 2019

## QA/QC Data

SDG I.D.: GCC39602


Parameter	Blk		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
	Blank	RL								
QA/QC Batch 465528 (mg/Kg), QC Sample No: CC39602 (CC39602, CC39603)										
<u>TPH by GC (Extractable Products) - Soil</u>										
Ext. Petroleum H.C. (C9-C36)	ND	50	68	61	10.9	105	99	5.9	60 - 120	30
% n-Pentacosane	80	%	68	65	4.5	82	77	6.3	50 - 150	30

**Comment:**

Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.

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

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

  
 Phyllis Shiller, Laboratory Director  
 February 05, 2019

Tuesday, February 05, 2019

Criteria: CT: GAM, GWP, I/C, RC, SWP

State: CT

# Sample Criteria Exceedances Report

GCC39602 - C2G-CT

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

\*\*\* No Data to Display \*\*\*

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



## REASONABLE CONFIDENCE PROTOCOL LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

**Laboratory Name:** Phoenix Environmental Labs, Inc.

**Client:** C2G Northeast Operations

**Project Location:** MAX HAKIM C8471

**Project Number:**

**Laboratory Sample ID(s):** CC39602, CC39603

**Sampling Date(s):** 1/29/2019

**List RCP Methods Used (e.g., 8260, 8270, et cetera)** ETPH

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

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

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

Authorized Signature: Rashmi Makol Position: Project Manager

Printed Name: Rashmi Makol Date: Tuesday, February 05, 2019

Name of Laboratory Phoenix Environmental Labs, Inc.

**This certification form is to be used for RCP methods only.**



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



## RCP Certification Report

February 05, 2019

SDG I.D.: GCC39602

---

### ***ETPH Narration***

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

#### **Instrument:**

**AU-FID11 02/01/19-1** Jeff Bucko, Chemist 02/01/19  
CC39603

The initial calibration (ETPHD12I) RSD for the compound list was less than 30% except for the following compounds: None.  
As per section 7.2.3, a discrimination check standard was run (201A005) and contained the following outliers: None.  
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

**AU-FID84 02/01/19-1** Jeff Bucko, Chemist 02/01/19  
CC39602

The initial calibration (ETPH111I) RSD for the compound list was less than 30% except for the following compounds: None.  
As per section 7.2.3, a discrimination check standard was run (201A003\_1) and contained the following outliers: None.  
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

#### **QC (Site Specific):**

##### **Batch 465528 (CC39602)**

CC39602, CC39603

All LCS recoveries were within 60 - 120 with the following exceptions: None.  
All LCSD recoveries were within 60 - 120 with the following exceptions: None.  
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.  
All MS recoveries were within 50 - 150 with the following exceptions: None.  
All MSD recoveries were within 50 - 150 with the following exceptions: None.  
All MS/MSD RPDs were less than 30% with the following exceptions: None.  
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.

---

### ***Temperature Narration***

The samples were received at 1.0C with cooling initiated.  
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

**CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



Customer: C75 Environmental Consultants  
 Address: 25 Mallone Lane  
Naugsetuck CT

Project: Max Hakim C-8471  
 Report to: JH  
 Invoice to: C25  
 Phone #:  
 Fax #:

Project P.O.: 1901-2102

Client Sample - Information - Identification  
 Sampler's Signature: Julie Pealy Date: 1/31/19

Matrix Code:  
 DW=Drinking Water GW=Ground Water SW=Surface Water WM=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
394602	N3120-Below Tank	S	1/29/19	10:30 AM
394603	N3120-Below Lines	S	1/29/19	10:55 AM

This section MUST be completed with Bottle Quantities.

40 ml VOA Vial ( ) methanol ( ) H <sub>2</sub> O	
GL soil container ( ) or	
GL Amber 1000ml ( ) As Is ( ) HCl	
PL H <sub>2</sub> SO <sub>4</sub> ( ) 250ml ( ) 1500ml ( ) 1000ml	
PL H <sub>2</sub> SO <sub>4</sub> ( ) 250ml ( ) 1500ml ( ) 1000ml	
PL HNO <sub>3</sub> 250ml	
Bacteria (as Is)	
Bacteria (with/wo)	

Analysis Request

ETPH

Relinquished by: Julie Pealy Accepted by: Felix Richter

Date: 2/19 Time: 12:05

RI  Direct Exposure (Residential)  GW  Other

CT  RCP Cert  GW Protection  SW Protection  GA Mobility  GB Mobility  Residential DEC  I/C DEC  Other

MA  MCP Certification  GW-1  GW-2  GW-3  S-1  S-2  S-3  MWRA eSMART  Other

Data Format  Excel  PDF  GISKey  EQUIS  Other

Data Package  Tier II Checklist  Full Data Package\*  Phoenix Sid Report  Other

Comments, Special Requirements or Regulations:

Turnaround:  
 1 Day\*  2 Days\*  3 Days\*  Standard  Other

\* SURCHARGE APPLIES

State where samples were collected: CT

\* SURCHARGE APPLIES

Coolant:  IPK  ICE  No  No  
 Temp: 10 °C Pg 1 of 1

Data Delivery:  Fax #  Email: jhealy@plb.us

Cooker:  Yes  No



**C2G Environmental Consultants, LLC**  
**25 Mallane Lane**  
**Naugatuck, CT 06770**

**Laboratory Analytical Results of Below Tank and Lines Soil Samples VS  
CTDEEP ETPH Method Soil Criteria Value for Residential Properties**

**Removal of 550 Gallon #2 Fuel Oil UST - Sampling Data Summary**

**Site Loc:**

Hakim Residence  
282 Round Hill Road  
Greenwich, CT 06831

**Customer/Address**

Farhad Hakim  
279 E 44 St. Apt. 16 J  
New York, NY 10017

<u>Sample Location</u>	<u>Criteria Value Value</u> CTDEEP ETPH Method Soil Criteria Value for Residential Properties mg/kg	<u>Sample Results</u> mg/kg
<b>Below Tank 01/29/2019</b>	500	ND
<b>Below Lines 01/29/2019</b>	500	ND

**Notes:**

1. All data/sample results are recorded in micrograms-per-kilogram ( $\mu\text{g}/\text{kg}$ )/parts per billion (ppb).
2. ND = Not Detected (Compound analyzed but not detected) Detection limits may vary
3. ETPH = Extractable Total Petroleum Hydrocarbons
4. Soil Criteria Value of 500 mg/kg ETPH for residential properties adopted from the CTDEEP "Extractable Petroleum Hydrocarbon Fractions Using the ETPH Analytical Method and Criteria Development TECHNICAL SUPPORT DOCUMENT"