



Tuesday, July 13, 2021

Attn: Doug Brink  
GEI Consultants  
455 Winding Brook Drive  
Suite 201  
Glastonbury, CT 06033

Project ID: 1040 MAIN ST-GLASTONBURY  
SDG ID: GCI69836  
Sample ID#s: CI69836 - CI69840

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.

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

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

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

July 13, 2021

SDG I.D.: GCI69836

Project ID: 1040 MAIN ST-GLASTONBURY

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Client Id	Lab Id	Matrix
TP 1 COMPOSITE	CI69836	SOIL
TP 2 COMPOSITE	CI69837	SOIL
TP 3 COMPOSITE	CI69838	SOIL
TP 4 COMPOSITE	CI69839	SOIL
TP 5 COMPOSITE	CI69840	SOIL



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# Analysis Report

July 13, 2021

FOR: Attn: Doug Brink  
 GEI Consultants  
 455 Winding Brook Drive  
 Suite 201  
 Glastonbury, CT 06033

Sample Information

Matrix: SOIL  
 Location Code: GEI  
 Rush Request: Standard  
 P.O.#: 219248

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date                      Time  
 07/08/21                      8:45  
 07/08/21                      11:48

## Laboratory Data

SDG ID: GCI69836  
 Phoenix ID: CI69836

Project ID: 1040 MAIN ST-GLASTONBURY  
 Client ID: TP 1 COMPOSITE

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
SPLP Lead	< 0.010	0.010	mg/L	1	07/10/21	CPP	SW6010D
SPLP Metals Digestion	Completed				07/09/21	AB/AB	SW3010A
SPLP Extraction for Metals	Completed				07/08/21	AB	SW1312

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

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**Phyllis Shiller, Laboratory Director**

**July 13, 2021**

**Reviewed and Released by: Rashmi Makol, Project Manager**



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# Analysis Report

July 13, 2021

FOR: Attn: Doug Brink  
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 Suite 201  
 Glastonbury, CT 06033

Sample Information

Matrix: SOIL  
 Location Code: GEI  
 Rush Request: Standard  
 P.O.#: 219248

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date                      Time  
 07/08/21                      9:00  
 07/08/21                      11:48

## Laboratory Data

SDG ID: GCI69836  
 Phoenix ID: CI69837

Project ID: 1040 MAIN ST-GLASTONBURY  
 Client ID: TP 2 COMPOSITE

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
SPLP Lead	< 0.010	0.010	mg/L	1	07/10/21	CPP	SW6010D
SPLP Metals Digestion	Completed				07/09/21	AB/AB	SW3010A
SPLP Extraction for Metals	Completed				07/08/21	AB	SW1312

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**Phyllis Shiller, Laboratory Director**

**July 13, 2021**

**Reviewed and Released by: Rashmi Makol, Project Manager**



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# Analysis Report

July 13, 2021

FOR: Attn: Doug Brink  
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 Suite 201  
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Sample Information

Matrix: SOIL  
 Location Code: GEI  
 Rush Request: Standard  
 P.O.#: 219248

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date                      Time  
 07/08/21                      9:20  
 07/08/21                      11:48

## Laboratory Data

SDG ID: GCI69836  
 Phoenix ID: CI69838

Project ID: 1040 MAIN ST-GLASTONBURY  
 Client ID: TP 3 COMPOSITE

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
SPLP Lead	0.011	0.010	mg/L	1	07/10/21	CPP	SW6010D
SPLP Metals Digestion	Completed				07/09/21	AB/AB	SW3010A
SPLP Extraction for Metals	Completed				07/08/21	AB	SW1312

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**Phyllis Shiller, Laboratory Director**

**July 13, 2021**

**Reviewed and Released by: Rashmi Makol, Project Manager**



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# Analysis Report

July 13, 2021

FOR: Attn: Doug Brink  
 GEI Consultants  
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 Suite 201  
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Sample Information

Matrix: SOIL  
 Location Code: GEI  
 Rush Request: Standard  
 P.O.#: 219248

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date                      Time  
 07/08/21                      10:00  
 07/08/21                      11:48

## Laboratory Data

SDG ID: GCI69836  
 Phoenix ID: CI69839

Project ID: 1040 MAIN ST-GLASTONBURY  
 Client ID: TP 4 COMPOSITE

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
SPLP Lead	< 0.010	0.010	mg/L	1	07/10/21	CPP	SW6010D
SPLP Metals Digestion	Completed				07/09/21	AB/AB	SW3010A
SPLP Extraction for Metals	Completed				07/08/21	AB	SW1312

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

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**Phyllis Shiller, Laboratory Director**

**July 13, 2021**

**Reviewed and Released by: Rashmi Makol, Project Manager**



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# Analysis Report

July 13, 2021

FOR: Attn: Doug Brink  
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 Suite 201  
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Sample Information

Matrix: SOIL  
 Location Code: GEI  
 Rush Request: Standard  
 P.O.#: 219248

Custody Information

Collected by:  
 Received by: SW  
 Analyzed by: see "By" below

Date

07/08/21  
 07/08/21

Time

9:40  
 11:48

## Laboratory Data

SDG ID: GCI69836  
 Phoenix ID: CI69840

Project ID: 1040 MAIN ST-GLASTONBURY  
 Client ID: TP 5 COMPOSITE

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
SPLP Lead	< 0.010	0.010	mg/L	1	07/10/21	CPP	SW6010D
SPLP Metals Digestion	Completed				07/09/21	AB/AB	SW3010A
SPLP Extraction for Metals	Completed				07/08/21	AB	SW1312

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

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Phyllis Shiller, Laboratory Director

July 13, 2021

Reviewed and Released by: Rashmi Makol, Project Manager



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# QA/QC Report

July 13, 2021

## QA/QC Data

SDG I.D.: GCI69836


Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 582885 (mg/L), QC Sample No: CI62804 (CI69836, CI69837, CI69838, CI69839, CI69840)													
<b>ICP Metals - SPLP Extraction</b>													
Lead	BRL	0.010	<0.010	<0.010	NC	87.8	85.9	2.2	87.5			80 - 120	20

Comment:

Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

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  
 July 13, 2021



Tuesday, July 13, 2021

Criteria: CT: GAM, RC

State: CT

## Sample Criteria Exceedances Report

GCI69836 - GEI

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* 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 exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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

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

**Client:** GEI Consultants

**Project Location:** 1040 MAIN ST-GLASTONBURY

**Project Number:**

**Laboratory Sample ID(s):** CI69836-CI69840

**Sampling Date(s):** 7/8/2021

**List RCP Methods Used (e.g., 8260, 8270, et cetera)** 1311/1312, 6010

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	<u><i>YPH and EPH methods only:</i></u> 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 type="checkbox"/> Yes <input checked="" 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" 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, July 13, 2021

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

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



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## RCP Certification Report

July 13, 2021

SDG I.D.: GCI69836

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### **SDG Comments**

#### Metals Analysis:

The client requested a shorter list of elements than the 6010 RCP list. Only Lead is reported as requested on the chain of custody.

#### Temperature above 6C:

The samples were received in a cooler with ice packs. The samples were delivered to the Laboratory within a short period of time after sample collection. Therefore no significant bias is suspected.

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### **ICP Metals Narration**

Were all QA/QC performance criteria specified in the analytical method achieved? Yes.

#### **Instrument:**

**BLUE 07/10/21 08:24** Cindy Pearce, Chemist 07/10/21

CI69836, CI69837, CI69838, CI69839, CI69840

The initial calibration met criteria.

The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.

The continuing calibration blanks were less than the reporting level for the elements reported.

The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria. The linear range is defined daily by the calibration range.

The following Initial Calibration Verification (ICV) compounds did not meet criteria: None.

The following Continuing Calibration Verification (CCV) compounds did not meet criteria: None.

The following ICP Interference Check (ICSAB) compounds did not meet criteria: None.

#### **QC (Batch Specific):**

##### **Batch 582885 (CI62804)**

CI69836, CI69837, CI69838, CI69839, CI69840

All LCS recoveries were within 80 - 120 with the following exceptions: None.

All LCSD recoveries were within 80 - 120 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.

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### **Temperature Narration**

The samples were received at 6.3C with cooling initiated.

(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

