# Electronic Transmittal Form for DEEP Remediation, LUST, and PCB Secure File Transfer (SFT)

DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
REMEDIATION DIVISION, PCB PROGRAM, AND
LEAKING UNDERGROUND STORAGE TANK COORDINATION PROGRAM
www.ct.gov/deep

This Electronic Transmittal Form must be completed and included as the cover sheet of your electronic document when uploading a document to the Connecticut SFT website. Requirements for Transmittals through the SFT website:

- Documents submitted through the SFT website must include all applicable figures, tables and laboratory data.
- Files must be formatted as PDF/A and use the appropriate naming convention:
  - For Remediation Filings: **REM_REMID #_SiteAddress_Town_DocumentType_DateofDocument**
  - For LUST Filings: **LUST_SiteAddress_Town_AbbreviationForDocumentType_DateofDocument**
  - For PCB Filings: **PCB_SiteAddress_Town_AbbreviationForDocumentType_DateofDocument**
  **Example:** LUST_1MainStreet_Hartford_ESA_01-01-2001
  **Note:** For "AbbreviationForDocumentType" use appropriate abbreviation at Transmittal of Documents
- If no Rem ID assigned (new filing) or REM ID is unknown leave field blank

**Part I: Primary Recipient*: Remediation Program** (* required)

| For Remediation documents: | For PCB/LUST documents: |
|---|---|
| Primary Program*: Property Transfer | UST Facility ID: (if applicable) |
| Rem ID*: 4943 | Spill Case Number: (if known) |

**Part II: Site Information**

Site Name*: Former Simsbury Area Work Center
Site Address*: 34 Hopmeadow Street
City/Town*: Simsbury State: CT Zip Code: 06089

Secondary Programs (complete as many as applicable for this document):

Program: Select Secondary Program Project ID:
Program: Select Secondary Program Project ID:
Program: Select Secondary Program Project ID:
Program: Select Secondary Program Project ID:

Provide Project ID for each secondary program if it is known.
Each program has a unique ID (i.e. Rem ID, Spill Case #, UST Facility ID, etc.)

**Part III: Document Information** (document type required for appropriate program[s] only)

Remediation*: Monitoring Report
LUST/PCB*:
Date of Document*: 5/7/2024 Version: Final

**Part IV: Submitter Information**

Name*: Drew Blicharz
E-mail*: drew.blicharz@eversource.com
Name of business this document is being submitted on behalf of and contact person email: *
Eversource Energy Service Company

May 7, 2024

Ms. Claire Quinn
Remediation Division
Bureau of Water Protection and Land Reuse
Department of Energy and Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

Re: Former Simsbury Area Work Center
34 Hopmeadow Street, Simsbury, CT
REM ID #4943
Groundwater Monitoring Report – 1st Quarter 2024

Dear Ms. Quinn:

The Connecticut Light and Power Company dba Eversource Energy herein submits quarterly groundwater data for the above referenced site. Based on the groundwater sampling program proposed by Weston & Sampson's Licensed Environmental Professional (LEP) retained to provide verification for the investigation and remediation of this site pursuant to CGS Section 22a-133v, samples were collected from fifteen monitoring wells including MW-CCA3, MW-CCA5, MW-TRW1, MW-4R, MW-2A, MW-11A, MW-6, MW-10, MW-T3, MW-T6, MW-101, MW-102, MW-202, MW-203, and MW-310, and analyzed for various parameters. A trip blank was submitted for quality assurance/quality control purposes. Three duplicate samples were collected; DUP-1 is the duplicate sample for MW-4R, DUP-2 is the duplicate sample for MW-203, and DUP-3 is the duplicate sample for CCA-3.

As indicated in the enclosed laboratory analytical data reports (Work Orders GCQ36001 and GCQ39262), concentrations of extractable total petroleum hydrocarbon (ETPH) were detected above the Groundwater Protection Criteria (GWPC) and Surface Water Protection Criteria (SWPC) of 250 micrograms per liter in samples collected from monitoring wells MW-TRW1, MW-T3, MW-10, MW-310.

If you have any questions regarding this submittal, please call me at (860) 665-5751 or email me at drew.blicharz@eversource.com.

Sincerely,
Eversource Energy Service Company

Drew Blicharz

Andrew (Drew) P. Blicharz, LEP, CHMM
Senior Environmental Specialist – Remediation

Enclosure: Laboratory Analytical Data Reports

cc: Jeffrey C. Willson, LEP, Weston & Sampson

PHOENIX
Environmental Laboratories, Inc.

**Wednesday, April 03, 2024**

**Attn: Laura Willson**
**Weston & Sampson**
**712 Brook Street Suite 103**
**Rocky Hill, CT 06067**

**Project ID:** **SIMSBURY AWC**
**SDG ID:** **GCQ36001**
**Sample ID#s: CQ36001 - CQ36012, CQ36014 - CQ36019**

**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,**

**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**
**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

April 03, 2024

SDG I.D.: GCQ36001

Project ID: SIMSBURY AWC

| Client Id | Lab Id | Matrix |
|---|---|---|
| MW-CCA3 | CQ36001 | GROUND WATER |
| MW-CCA5 | CQ36002 | GROUND WATER |
| MW-TRW1 | CQ36003 | GROUND WATER |
| MW-4R | CQ36004 | GROUND WATER |
| MW-2A | CQ36005 | GROUND WATER |
| MW-11A | CQ36006 | GROUND WATER |
| MW-6 | CQ36007 | GROUND WATER |
| MW-10 | CQ36008 | GROUND WATER |
| MW-T3 | CQ36009 | GROUND WATER |
| MW-T6 | CQ36010 | GROUND WATER |
| MW-202 | CQ36011 | GROUND WATER |
| MW-203 | CQ36012 | GROUND WATER |
| MW-101 | CQ36014 | GROUND WATER |
| MW-102 | CQ36015 | GROUND WATER |
| DUP-1 | CQ36016 | GROUND WATER |
| DUP-2 | CQ36017 | GROUND WATER |
| DUP-3 | CQ36018 | GROUND WATER |
| TRIP BLANK | CQ36019 | GROUND WATER |

Environmental Laboratories, Inc.
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# Analysis Report

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | 16:40 |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36001

Project ID: SIMSBURY AWC
Client ID: MW-CCA3

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Semi-Volatile Extraction | Completed | | | | 03/31/24 | CV/CV | SW3520C |
| **Semivolatiles by SIM, PAH** | | | | | | | |
| 2-Methylnaphthalene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Acenaphthene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Acenaphthylene | ND | 0.29 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Anthracene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Benz(a)anthracene | ND | 0.05 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Benzo(a)pyrene | ND | 0.19 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Benzo(b)fluoranthene | ND | 0.07 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Benzo(ghi)perylene | ND | 0.46 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Benzo(k)fluoranthene | ND | 0.29 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Chrysene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Dibenz(a,h)anthracene | ND | 0.10 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Fluoranthene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Fluorene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Indeno(1,2,3-cd)pyrene | ND | 0.10 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Naphthalene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Phenanthrene | ND | 0.06 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Pyrene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| **QA/QC Surrogates** | | | | | | | |
| % 2-Fluorobiphenyl | 76 | | % | 1 | 04/02/24 | KCA | 30 - 130 % |
| % Nitrobenzene-d5 | 95 | | % | 1 | 04/02/24 | KCA | 30 - 130 % |
| % Terphenyl-d14 | 94 | | % | 1 | 04/02/24 | KCA | 30 - 130 % |

Project ID: SIMSBURY AWC
Client ID: MW-CCA3

Phoenix I.D.: CQ36001

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|

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:**

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.

**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, 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

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | 18:28 |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36002

Project ID: SIMSBURY AWC
Client ID: MW-CCA5

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Extraction of ETPH | Completed | | | | 03/28/24 | Z/K | SW3510C/SW3520C |
| **TPH by GC (Extractable Products)** | | | | | | | |
| Ext. Petroleum H.C. (C9-C36) | ND | 0.066 | mg/L | 1 | 03/30/24 | JRB | CTETPH |
| Identification | ND | | mg/L | 1 | 03/30/24 | JRB | CTETPH |
| **QA/QC Surrogates** | | | | | | | |
| % Terphenyl (surr) | 81 | | % | 1 | 03/30/24 | 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:**

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.

**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, Project Manager**

**Ver 1**

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

# Analysis Report

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | 15:55 |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36003

Project ID: SIMSBURY AWC
Client ID: MW-TRW1

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Extraction of ETPH | Completed | | | | 03/28/24 | Z/K | SW3510C/SW3520C |
| **TPH by GC (Extractable Products)** | | | | | | | |
| Ext. Petroleum H.C. (C9-C36) | 0.47 | 0.067 | mg/L | 1 | 03/30/24 | JRB | CTETPH |
| Identification | ** | | mg/L | 1 | 03/30/24 | JRB | CTETPH |
| **QA/QC Surrogates** | | | | | | | |
| % Terphenyl (surr) | 82 | | % | 1 | 03/30/24 | 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:**

TPH Comment:
**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C14 to C28. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

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.
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**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, Project Manager**

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | 10:55 |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36004

Project ID: SIMSBURY AWC
Client ID: MW-4R

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Semi-Volatile Extraction | Completed | | | | 03/31/24 | CV/CV | SW3520C |
| Extraction of TPH | Completed | | | | 03/28/24 | Z/K | SW3510C/SW3520C |
| **TPH by GC (Extractable Products)** | | | | | | | |
| Aviation Fuel/Kerosene | ND | 0.47 | mg/L | 1 | 03/30/24 | JRB | SW8015D DRO |
| Fuel Oil #2/ Diesel Fuel | ND | 0.47 | mg/L | 1 | 03/30/24 | JRB | SW8015D DRO |
| Fuel Oil #4 | ND | 0.47 | mg/L | 1 | 03/30/24 | JRB | SW8015D DRO |
| Fuel Oil #6 | ND | 0.47 | mg/L | 1 | 03/30/24 | JRB | SW8015D DRO |
| Motor Oil | ND | 0.47 | mg/L | 1 | 03/30/24 | JRB | SW8015D DRO |
| Total TPH | ND | 0.47 | mg/L | 1 | 03/30/24 | JRB | SW8015D DRO |
| Unidentified | ND | 0.47 | mg/L | 1 | 03/30/24 | JRB | SW8015D DRO |
| **QA/QC Surrogates** | | | | | | | |
| % Terphenyl (surr) | 82 | | % | 1 | 03/30/24 | JRB | 50 - 150 % |
| **Volatiles** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1-Dichloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1-Dichloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1-Dichloropropene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |

**Ver 1**

Project ID: SIMSBURY AWC
Client ID: MW-4R

Phoenix I.D.: CQ36004

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| 1,2-Dibromoethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dichloroethane | ND | 0.60 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dichloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,3-Dichloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 2,2-Dichloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 2-Chlorotoluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 2-Hexanone | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 2-Isopropyltoluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 4-Chlorotoluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 4-Methyl-2-pentanone | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Acetone | ND | 25 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Acrylonitrile | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Benzene | ND | 0.70 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromochloromethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromodichloromethane | ND | 0.50 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromoform | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromomethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Carbon Disulfide | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Carbon tetrachloride | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Chlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Chloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Chloroform | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Chloromethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| cis-1,2-Dichloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| cis-1,3-Dichloropropene | ND | 0.40 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Dibromochloromethane | ND | 0.50 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Dibromomethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Dichlorodifluoromethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Ethylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Hexachlorobutadiene | ND | 0.40 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Isopropylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| m&p-Xylene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Methyl ethyl ketone | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Methylene chloride | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Naphthalene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| n-Butylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| n-Propylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| o-Xylene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| p-Isopropyltoluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| sec-Butylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Styrene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| tert-Butylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Tetrachloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |

Project ID: SIMSBURY AWC
Client ID: MW-4R

Phoenix I.D.: CQ36004

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Tetrahydrofuran (THF) | ND | 2.5 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Toluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Total Xylenes | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| trans-1,3-Dichloropropene | ND | 0.40 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| trans-1,4-dichloro-2-butene | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Trichloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Trichlorofluoromethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Trichlorotrifluoroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Vinyl chloride | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| **QA/QC Surrogates** | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 97 | | % | 1 | 03/28/24 | MH | 70 - 130 % |
| % Bromofluorobenzene | 96 | | % | 1 | 03/28/24 | MH | 70 - 130 % |
| % Dibromofluoromethane | 98 | | % | 1 | 03/28/24 | MH | 70 - 130 % |
| % Toluene-d8 | 97 | | % | 1 | 03/28/24 | MH | 70 - 130 % |
| **Semivolatiles by SIM, PAH** | | | | | | | |
| 2-Methylnaphthalene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Acenaphthene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Acenaphthylene | ND | 0.29 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Anthracene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Benz(a)anthracene | ND | 0.05 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Benzo(a)pyrene | ND | 0.19 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Benzo(b)fluoranthene | ND | 0.07 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Benzo(ghi)perylene | ND | 0.46 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Benzo(k)fluoranthene | ND | 0.29 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Chrysene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Dibenz(a,h)anthracene | ND | 0.10 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Fluoranthene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Fluorene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Indeno(1,2,3-cd)pyrene | ND | 0.10 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Naphthalene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Phenanthrene | ND | 0.06 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Pyrene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| **QA/QC Surrogates** | | | | | | | |
| % 2-Fluorobiphenyl | 80 | | % | 1 | 04/02/24 | KCA | 30 - 130 % |
| % Nitrobenzene-d5 | 91 | | % | 1 | 04/02/24 | KCA | 30 - 130 % |
| % Terphenyl-d14 | 97 | | % | 1 | 04/02/24 | KCA | 30 - 130 % |

Project ID: SIMSBURY AWC
Client ID: MW-4R

Phoenix I.D.: CQ36004

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|

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:**

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.

**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, 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

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | 13:05 |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36005

Project ID: SIMSBURY AWC
Client ID: MW-2A

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Extraction of ETPH | Completed | | | | 03/28/24 | Z/K | SW3510C/SW3520C |
| **TPH by GC (Extractable Products)** | | | | | | | |
| Ext. Petroleum H.C. (C9-C36) | ND | 0.066 | mg/L | 1 | 03/30/24 | JRB | CTETPH |
| Identification | ND | | mg/L | 1 | 03/30/24 | JRB | CTETPH |
| **QA/QC Surrogates** | | | | | | | |
| % Terphenyl (surr) | 80 | | % | 1 | 03/30/24 | 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:**

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**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, 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

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | 10:45 |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36006

Project ID: SIMSBURY AWC
Client ID: MW-11A

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Extraction of ETPH | Completed | | | | 03/28/24 | Z/K | SW3510C/SW3520C |
| **TPH by GC (Extractable Products)** | | | | | | | |
| Ext. Petroleum H.C. (C9-C36) | ND | 0.067 | mg/L | 1 | 03/30/24 | JRB | CTETPH |
| Identification | ND | | mg/L | 1 | 03/30/24 | JRB | CTETPH |
| **QA/QC Surrogates** | | | | | | | |
| % Terphenyl (surr) | 90 | | % | 1 | 03/30/24 | 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:**

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.
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**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, 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

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | 12:08 |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36007

Project ID: SIMSBURY AWC
Client ID: MW-6

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Extraction of TPH | Completed | | | | 03/28/24 | Z/K | SW3510C/SW3520C |
| **TPH by GC (Extractable Products)** | | | | | | | |
| Aviation Fuel/Kerosene | ND | 0.48 | mg/L | 1 | 03/30/24 | JRB | SW8015D DRO |
| Fuel Oil #2/ Diesel Fuel | ND | 0.48 | mg/L | 1 | 03/30/24 | JRB | SW8015D DRO |
| Fuel Oil #4 | ND | 0.48 | mg/L | 1 | 03/30/24 | JRB | SW8015D DRO |
| Fuel Oil #6 | ND | 0.48 | mg/L | 1 | 03/30/24 | JRB | SW8015D DRO |
| Motor Oil | ND | 0.48 | mg/L | 1 | 03/30/24 | JRB | SW8015D DRO |
| Total TPH | 2.2 | 0.48 | mg/L | 1 | 03/30/24 | JRB | SW8015D DRO |
| Unidentified | ** | 0.48 | mg/L | 1 | 03/30/24 | JRB | SW8015D DRO |
| **QA/QC Surrogates** | | | | | | | |
| % Terphenyl (surr) | 72 | | % | 1 | 03/30/24 | JRB | 50 - 150 % |

Project ID: SIMSBURY AWC
Client ID: MW-6

Phoenix I.D.: CQ36007

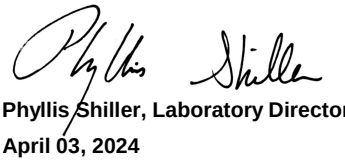
| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|

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:

TPH Comment:
**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C12 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

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.



**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, 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

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | 12:10 |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36008

Project ID: SIMSBURY AWC
Client ID: MW-10

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Extraction of ETPH | Completed | | | | 03/29/24 | Z/D | SW3510C/SW3520C |
| **TPH by GC (Extractable Products)** | | | | | | | |
| Ext. Petroleum H.C. (C9-C36) | 1.1 | 0.066 | mg/L | 1 | 04/01/24 | JRB | CTETPH |
| Identification | ** | | mg/L | 1 | 04/01/24 | JRB | CTETPH |
| **QA/QC Surrogates** | | | | | | | |
| % Terphenyl (surr) | 78 | | % | 1 | 04/01/24 | 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:**

TPH Comment:
**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C14 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

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.
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**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, Project Manager**

**Ver 1**

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

# Analysis Report

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | 14:50 |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36009

Project ID: SIMSBURY AWC
Client ID: MW-T3

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Extraction of ETPH | Completed | | | | 03/29/24 | Z/D | SW3510C/SW3520C |
| **TPH by GC (Extractable Products)** | | | | | | | |
| Ext. Petroleum H.C. (C9-C36) | 0.67 | 0.066 | mg/L | 1 | 04/01/24 | JRB | CTETPH |
| Identification | ** | | mg/L | 1 | 04/01/24 | JRB | CTETPH |
| **QA/QC Surrogates** | | | | | | | |
| % Terphenyl (surr) | 85 | | % | 1 | 04/01/24 | 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:**

TPH Comment:
**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C14 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

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.
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**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, 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

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | 14:25 |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36010

Project ID: SIMSBURY AWC
Client ID: MW-T6

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Extraction of ETPH | Completed | | | | 03/29/24 | Z/D | SW3510C/SW3520C |
| **TPH by GC (Extractable Products)** | | | | | | | |
| Ext. Petroleum H.C. (C9-C36) | ND | 0.069 | mg/L | 1 | 04/01/24 | JRB | CTETPH |
| Identification | ND | | mg/L | 1 | 04/01/24 | JRB | CTETPH |
| **QA/QC Surrogates** | | | | | | | |
| % Terphenyl (surr) | 81 | | % | 1 | 04/01/24 | 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:**

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**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, Project Manager**

**Ver 1**

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

# Analysis Report

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | 17:50 |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36011

Project ID: SIMSBURY AWC
Client ID: MW-202

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Extraction of ETPH | Completed | | | | 03/29/24 | Z/D | SW3510C/SW3520C |
| **TPH by GC (Extractable Products)** | | | | | | | |
| Ext. Petroleum H.C. (C9-C36) | ND | 0.067 | mg/L | 1 | 04/02/24 | JRB | CTETPH |
| Identification | ND | | mg/L | 1 | 04/02/24 | JRB | CTETPH |
| **QA/QC Surrogates** | | | | | | | |
| % Terphenyl (surr) | 87 | | % | 1 | 04/02/24 | 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:**

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**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, 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

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | 13:55 |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36012

Project ID: SIMSBURY AWC
Client ID: MW-203

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Extraction of ETPH | Completed | | | | 03/29/24 | Z/D | SW3510C/SW3520C |
| **TPH by GC (Extractable Products)** | | | | | | | |
| Ext. Petroleum H.C. (C9-C36) | ND | 0.067 | mg/L | 1 | 04/02/24 | JRB | CTETPH |
| Identification | ND | | mg/L | 1 | 04/02/24 | JRB | CTETPH |
| **QA/QC Surrogates** | | | | | | | |
| % Terphenyl (surr) | 69 | | % | 1 | 04/02/24 | 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:**

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**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, Project Manager**

**Ver 1**

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

# Analysis Report

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | 17:25 |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36014

Project ID: SIMSBURY AWC
Client ID: MW-101

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Extraction of ETPH | Completed | | | | 03/29/24 | Z/D | SW3510C/SW3520C |
| **TPH by GC (Extractable Products)** | | | | | | | |
| Ext. Petroleum H.C. (C9-C36) | ND | 0.066 | mg/L | 1 | 04/01/24 | JRB | CTETPH |
| Identification | ND | | mg/L | 1 | 04/01/24 | JRB | CTETPH |
| **QA/QC Surrogates** | | | | | | | |
| % Terphenyl (surr) | 78 | | % | 1 | 04/01/24 | 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:**

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**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, Project Manager**

**Ver 1**

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

# Analysis Report

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | 13:35 |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36015

Project ID: SIMSBURY AWC
Client ID: MW-102

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Extraction of ETPH | Completed | | | | 03/29/24 | Z/D | SW3510C/SW3520C |
| **TPH by GC (Extractable Products)** | | | | | | | |
| Ext. Petroleum H.C. (C9-C36) | ND | 0.067 | mg/L | 1 | 04/01/24 | JRB | CTETPH |
| Identification | ND | | mg/L | 1 | 04/01/24 | JRB | CTETPH |
| **QA/QC Surrogates** | | | | | | | |
| % Terphenyl (surr) | 73 | | % | 1 | 04/01/24 | JRB | 50 - 150 % |
| **Volatiles** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1-Dichloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1-Dichloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1-Dichloropropene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dibromoethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dichloroethane | ND | 0.60 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dichloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |

**Ver 1**

Project ID: SIMSBURY AWC
Client ID: MW-102

Phoenix I.D.: CQ36015

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| 1,3-Dichloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 2,2-Dichloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 2-Chlorotoluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 2-Hexanone | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 2-Isopropyltoluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 4-Chlorotoluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 4-Methyl-2-pentanone | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Acetone | ND | 25 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Acrylonitrile | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Benzene | ND | 0.70 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromochloromethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromodichloromethane | ND | 0.50 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromoform | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromomethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Carbon Disulfide | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Carbon tetrachloride | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Chlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Chloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Chloroform | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Chloromethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| cis-1,2-Dichloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| cis-1,3-Dichloropropene | ND | 0.40 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Dibromochloromethane | ND | 0.50 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Dibromomethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Dichlorodifluoromethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Ethylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Hexachlorobutadiene | ND | 0.40 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Isopropylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| m&p-Xylene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Methyl ethyl ketone | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Methylene chloride | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Naphthalene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| n-Butylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| n-Propylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| o-Xylene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| p-Isopropyltoluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| sec-Butylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Styrene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| tert-Butylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Tetrachloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Tetrahydrofuran (THF) | ND | 2.5 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Toluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Total Xylenes | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| trans-1,3-Dichloropropene | ND | 0.40 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| trans-1,4-dichloro-2-butene | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |

**Ver 1**

Project ID: SIMSBURY AWC
Client ID: MW-102

Phoenix I.D.: CQ36015

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Trichloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Trichlorofluoromethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Trichlorotrifluoroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Vinyl chloride | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| **QA/QC Surrogates** | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 96 | | % | 1 | 03/28/24 | MH | 70 - 130 % |
| % Bromofluorobenzene | 96 | | % | 1 | 03/28/24 | MH | 70 - 130 % |
| % Dibromofluoromethane | 97 | | % | 1 | 03/28/24 | MH | 70 - 130 % |
| % Toluene-d8 | 97 | | % | 1 | 03/28/24 | MH | 70 - 130 % |

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:

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.

**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, 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

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36016

Project ID: SIMSBURY AWC
Client ID: DUP-1

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| **Volatiles** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1-Dichloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1-Dichloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1-Dichloropropene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dibromoethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dichloroethane | ND | 0.60 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dichloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,3-Dichloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 2,2-Dichloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 2-Chlorotoluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 2-Hexanone | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 2-Isopropyltoluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 4-Chlorotoluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 4-Methyl-2-pentanone | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |

Project ID: SIMSBURY AWC
Client ID: DUP-1

Phoenix I.D.: CQ36016

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Acetone | ND | 25 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Acrylonitrile | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Benzene | ND | 0.70 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromochloromethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromodichloromethane | ND | 0.50 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromoform | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromomethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Carbon Disulfide | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Carbon tetrachloride | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Chlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Chloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Chloroform | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Chloromethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| cis-1,2-Dichloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| cis-1,3-Dichloropropene | ND | 0.40 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Dibromochloromethane | ND | 0.50 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Dibromomethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Dichlorodifluoromethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Ethylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Hexachlorobutadiene | ND | 0.40 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Isopropylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| m&p-Xylene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Methyl ethyl ketone | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Methylene chloride | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Naphthalene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| n-Butylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| n-Propylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| o-Xylene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| p-Isopropyltoluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| sec-Butylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Styrene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| tert-Butylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Tetrachloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Tetrahydrofuran (THF) | ND | 2.5 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Toluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Total Xylenes | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| trans-1,3-Dichloropropene | ND | 0.40 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| trans-1,4-dichloro-2-butene | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Trichloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Trichlorofluoromethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Trichlorotrifluoroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Vinyl chloride | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| **QA/QC Surrogates** | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 96 | | % | 1 | 03/28/24 | MH | 70 - 130 % |
| % Bromofluorobenzene | 96 | | % | 1 | 03/28/24 | MH | 70 - 130 % |
| % Dibromofluoromethane | 97 | | % | 1 | 03/28/24 | MH | 70 - 130 % |

**Ver 1**

Project ID: SIMSBURY AWC
Client ID: DUP-1

Phoenix I.D.: CQ36016

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| % Toluene-d8 | 97 | | % | 1 | 03/28/24 | MH | 70 - 130 % |

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:**

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.



**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, 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

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36017

Project ID: SIMSBURY AWC
Client ID: DUP-2

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Extraction of ETPH | Completed | | | | 03/29/24 | Z/D | SW3510C/SW3520C |
| **TPH by GC (Extractable Products)** | | | | | | | |
| Ext. Petroleum H.C. (C9-C36) | ND | 0.067 | mg/L | 1 | 04/01/24 | JRB | CTETPH |
| Identification | ND | | mg/L | 1 | 04/01/24 | JRB | CTETPH |
| **QA/QC Surrogates** | | | | | | | |
| % Terphenyl (surr) | 66 | | % | 1 | 04/01/24 | 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:**

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**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, Project Manager**

**Ver 1**

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

# Analysis Report

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36018

Project ID: SIMSBURY AWC
Client ID: DUP-3

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Semi-Volatile Extraction | Completed | | | | 03/31/24 | CV/CV | SW3520C |
| **Semivolatiles by SIM, PAH** | | | | | | | |
| 2-Methylnaphthalene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Acenaphthene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Acenaphthylene | ND | 0.29 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Anthracene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Benz(a)anthracene | ND | 0.05 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Benzo(a)pyrene | ND | 0.19 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Benzo(b)fluoranthene | ND | 0.07 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Benzo(ghi)perylene | ND | 0.46 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Benzo(k)fluoranthene | ND | 0.29 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Chrysene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Dibenz(a,h)anthracene | ND | 0.10 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Fluoranthene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Fluorene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Indeno(1,2,3-cd)pyrene | ND | 0.10 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Naphthalene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Phenanthrene | ND | 0.06 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| Pyrene | ND | 0.48 | ug/L | 1 | 04/02/24 | KCA | SW8270E (SIM) |
| **QA/QC Surrogates** | | | | | | | |
| % 2-Fluorobiphenyl | 78 | | % | 1 | 04/02/24 | KCA | 30 - 130 % |
| % Nitrobenzene-d5 | 86 | | % | 1 | 04/02/24 | KCA | 30 - 130 % |
| % Terphenyl-d14 | 95 | | % | 1 | 04/02/24 | KCA | 30 - 130 % |

**Ver 1**

Project ID: SIMSBURY AWC
Client ID: DUP-3

Phoenix I.D.: CQ36018

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|

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:**

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.

**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, 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

April 03, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/25/24 | |
| Location Code: | WESTSAMP | Received by: | CP | 03/26/24 | 16:18 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | EN624-0397 | | | | |

## Laboratory Data

SDG ID: GCQ36001
Phoenix ID: CQ36019

Project ID: SIMSBURY AWC
Client ID: TRIP BLANK

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| **Volatiles** | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1,1-Trichloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1,2-Trichloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1-Dichloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1-Dichloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,1-Dichloropropene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2,3-Trichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2,3-Trichloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2,4-Trichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2,4-Trimethylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dibromoethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dichloroethane | ND | 0.60 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,2-Dichloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,3,5-Trimethylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,3-Dichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,3-Dichloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 1,4-Dichlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 2,2-Dichloropropane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 2-Chlorotoluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 2-Hexanone | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 2-Isopropyltoluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 4-Chlorotoluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| 4-Methyl-2-pentanone | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |

Project ID: SIMSBURY AWC
Client ID: TRIP BLANK

Phoenix I.D.: CQ36019

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Acetone | ND | 25 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Acrylonitrile | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Benzene | ND | 0.70 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromochloromethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromodichloromethane | ND | 0.50 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromoform | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Bromomethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Carbon Disulfide | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Carbon tetrachloride | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Chlorobenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Chloroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Chloroform | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Chloromethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| cis-1,2-Dichloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| cis-1,3-Dichloropropene | ND | 0.40 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Dibromochloromethane | ND | 0.50 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Dibromomethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Dichlorodifluoromethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Ethylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Hexachlorobutadiene | ND | 0.40 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Isopropylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| m&p-Xylene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Methyl ethyl ketone | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Methylene chloride | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Naphthalene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| n-Butylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| n-Propylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| o-Xylene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| p-Isopropyltoluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| sec-Butylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Styrene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| tert-Butylbenzene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Tetrachloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Tetrahydrofuran (THF) | ND | 2.5 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Toluene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Total Xylenes | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| trans-1,2-Dichloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| trans-1,3-Dichloropropene | ND | 0.40 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| trans-1,4-dichloro-2-butene | ND | 5.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Trichloroethene | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Trichlorofluoromethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Trichlorotrifluoroethane | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| Vinyl chloride | ND | 1.0 | ug/L | 1 | 03/28/24 | MH | SW8260D |
| **QA/QC Surrogates** | | | | | | | |
| % 1,2-dichlorobenzene-d4 | 96 | | % | 1 | 03/28/24 | MH | 70 - 130 % |
| % Bromofluorobenzene | 97 | | % | 1 | 03/28/24 | MH | 70 - 130 % |
| % Dibromofluoromethane | 94 | | % | 1 | 03/28/24 | MH | 70 - 130 % |

**Ver 1**

Project ID: SIMSBURY AWC
Client ID: TRIP BLANK

Phoenix I.D.: CQ36019

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| % Toluene-d8 | 97 | | % | 1 | 03/28/24 | MH | 70 - 130 % |

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:

TRIP BLANK INCLUDED.

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.



**Phyllis Shiller, Laboratory Director**
**April 03, 2024**
**Reviewed and Released by: Ethan Lee, Project Manager**

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

# QA/QC Report

April 03, 2024

## QA/QC Data

SDG I.D.: GCQ36001

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| QA/QC Batch 724352 (mg/L), QC Sample No: CQ34457 (CQ36002, CQ36003, CQ36004, CQ36005, CQ36006, CQ36007) | | | | | | | | | | |
| **TPH by GC (Extractable Products) - Ground Water** | | | | | | | | | | |
| Ext. Petroleum H.C. (C9-C36) | ND | 0.10 | 101 | 104 | 2.9 | | | | 60 - 120 | 30 |
| % Terphenyl (surr) | 93 | % | 92 | 82 | 11.5 | | | | 50 - 150 | 20 |
| Comment: | | | | | | | | | | |
| A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate. | | | | | | | | | | |
| 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. | | | | | | | | | | |
| QA/QC Batch 724554 (mg/L), QC Sample No: CQ36008 (CQ36008, CQ36009, CQ36010, CQ36011, CQ36012, CQ36014, CQ36015, CQ36017) | | | | | | | | | | |
| **TPH by GC (Extractable Products) - Ground Water** | | | | | | | | | | |
| Ext. Petroleum H.C. (C9-C36) | ND | 0.10 | 116 | 122 | 5.0 | | | | 60 - 120 | 30 |
| % Terphenyl (surr) | 93 | % | 96 | 94 | 2.1 | | | | 50 - 150 | 20 |
| Comment: | | | | | | | | | | |
| A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate. | | | | | | | | | | |
| 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. | | | | | | | | | | |
| QA/QC Batch 724703 (ug/L), QC Sample No: CQ35419 (CQ36001, CQ36004, CQ36018) | | | | | | | | | | |
| **Semivolatiles by SIM, PAH - Ground Water** | | | | | | | | | | |
| 2-Methylnaphthalene | ND | 0.50 | 65 | 64 | 1.6 | | | | 30 - 130 | 20 |
| Acenaphthene | ND | 0.50 | 73 | 73 | 0.0 | | | | 30 - 130 | 20 |
| Acenaphthylene | ND | 0.10 | 70 | 70 | 0.0 | | | | 30 - 130 | 20 |
| Anthracene | ND | 0.10 | 84 | 88 | 4.7 | | | | 30 - 130 | 20 |
| Benz(a)anthracene | ND | 0.02 | 100 | 104 | 3.9 | | | | 30 - 130 | 20 |
| Benzo(a)pyrene | ND | 0.02 | 111 | 116 | 4.4 | | | | 30 - 130 | 20 |
| Benzo(b)fluoranthene | ND | 0.02 | 96 | 101 | 5.1 | | | | 30 - 130 | 20 |
| Benzo(ghi)perylene | ND | 0.02 | 81 | 84 | 3.6 | | | | 30 - 130 | 20 |
| Benzo(k)fluoranthene | ND | 0.02 | 107 | 113 | 5.5 | | | | 30 - 130 | 20 |
| Chrysene | ND | 0.02 | 86 | 90 | 4.5 | | | | 30 - 130 | 20 |
| Dibenz(a,h)anthracene | ND | 0.02 | 97 | 100 | 3.0 | | | | 30 - 130 | 20 |
| Fluoranthene | ND | 0.50 | 84 | 91 | 8.0 | | | | 30 - 130 | 20 |
| Fluorene | ND | 0.10 | 79 | 82 | 3.7 | | | | 30 - 130 | 20 |
| Indeno(1,2,3-cd)pyrene | ND | 0.02 | 109 | 112 | 2.7 | | | | 30 - 130 | 20 |
| Naphthalene | ND | 0.50 | 60 | 59 | 1.7 | | | | 30 - 130 | 20 |
| Phenanthrene | ND | 0.06 | 73 | 75 | 2.7 | | | | 30 - 130 | 20 |
| Pyrene | ND | 0.07 | 83 | 91 | 9.2 | | | | 30 - 130 | 20 |
| % 2-Fluorobiphenyl | 65 | % | 73 | 69 | 5.6 | | | | 30 - 130 | 20 |
| % Nitrobenzene-d5 | 75 | % | 84 | 82 | 2.4 | | | | 30 - 130 | 20 |
| % Terphenyl-d14 | 87 | % | 85 | 94 | 10.1 | | | | 30 - 130 | 20 |

## QA/QC Data

SDG I.D.: GCQ36001

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| Comment: | | | | | | | | | | |
| Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%) | | | | | | | | | | |
| QA/QC Batch 724699 (ug/L), QC Sample No: CQ36019 (CQ36004, CQ36015, CQ36016, CQ36019) | | | | | | | | | | |
| **Volatiles - Ground Water** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | 108 | 108 | 0.0 | | | | 70 - 130 | 30 |
| 1,1,1-Trichloroethane | ND | 1.0 | 108 | 107 | 0.9 | | | | 70 - 130 | 30 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 105 | 103 | 1.9 | | | | 70 - 130 | 30 |
| 1,1,2-Trichloroethane | ND | 1.0 | 106 | 107 | 0.9 | | | | 70 - 130 | 30 |
| 1,1-Dichloroethane | ND | 1.0 | 107 | 109 | 1.9 | | | | 70 - 130 | 30 |
| 1,1-Dichloroethene | ND | 1.0 | 105 | 105 | 0.0 | | | | 70 - 130 | 30 |
| 1,1-Dichloropropene | ND | 1.0 | 106 | 106 | 0.0 | | | | 70 - 130 | 30 |
| 1,2,3-Trichlorobenzene | ND | 1.0 | 110 | 108 | 1.8 | | | | 70 - 130 | 30 |
| 1,2,3-Trichloropropane | ND | 1.0 | 115 | 116 | 0.9 | | | | 70 - 130 | 30 |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 111 | 110 | 0.9 | | | | 70 - 130 | 30 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 111 | 112 | 0.9 | | | | 70 - 130 | 30 |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | 102 | 103 | 1.0 | | | | 70 - 130 | 30 |
| 1,2-Dibromoethane | ND | 1.0 | 103 | 103 | 0.0 | | | | 70 - 130 | 30 |
| 1,2-Dichlorobenzene | ND | 1.0 | 111 | 112 | 0.9 | | | | 70 - 130 | 30 |
| 1,2-Dichloroethane | ND | 1.0 | 108 | 107 | 0.9 | | | | 70 - 130 | 30 |
| 1,2-Dichloropropane | ND | 1.0 | 103 | 106 | 2.9 | | | | 70 - 130 | 30 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 111 | 112 | 0.9 | | | | 70 - 130 | 30 |
| 1,3-Dichlorobenzene | ND | 1.0 | 111 | 111 | 0.0 | | | | 70 - 130 | 30 |
| 1,3-Dichloropropane | ND | 1.0 | 108 | 108 | 0.0 | | | | 70 - 130 | 30 |
| 1,4-Dichlorobenzene | ND | 1.0 | 112 | 112 | 0.0 | | | | 70 - 130 | 30 |
| 2,2-Dichloropropane | ND | 1.0 | 109 | 109 | 0.0 | | | | 70 - 130 | 30 |
| 2-Chlorotoluene | ND | 1.0 | 112 | 113 | 0.9 | | | | 70 - 130 | 30 |
| 2-Hexanone | ND | 5.0 | 99 | 97 | 2.0 | | | | 70 - 130 | 30 |
| 2-Isopropyltoluene | ND | 1.0 | 113 | 114 | 0.9 | | | | 70 - 130 | 30 |
| 4-Chlorotoluene | ND | 1.0 | 110 | 112 | 1.8 | | | | 70 - 130 | 30 |
| 4-Methyl-2-pentanone | ND | 5.0 | 100 | 100 | 0.0 | | | | 70 - 130 | 30 |
| Acetone | ND | 5.0 | 90 | 95 | 5.4 | | | | 70 - 130 | 30 |
| Acrylonitrile | ND | 5.0 | 103 | 101 | 2.0 | | | | 70 - 130 | 30 |
| Benzene | ND | 0.70 | 108 | 110 | 1.8 | | | | 70 - 130 | 30 |
| Bromobenzene | ND | 1.0 | 111 | 111 | 0.0 | | | | 70 - 130 | 30 |
| Bromochloromethane | ND | 1.0 | 104 | 106 | 1.9 | | | | 70 - 130 | 30 |
| Bromodichloromethane | ND | 0.50 | 111 | 106 | 4.6 | | | | 70 - 130 | 30 |
| Bromoform | ND | 1.0 | 101 | 100 | 1.0 | | | | 70 - 130 | 30 |
| Bromomethane | ND | 1.0 | 107 | 109 | 1.9 | | | | 70 - 130 | 30 |
| Carbon Disulfide | ND | 1.0 | 104 | 105 | 1.0 | | | | 70 - 130 | 30 |
| Carbon tetrachloride | ND | 1.0 | 101 | 103 | 2.0 | | | | 70 - 130 | 30 |
| Chlorobenzene | ND | 1.0 | 113 | 113 | 0.0 | | | | 70 - 130 | 30 |
| Chloroethane | ND | 1.0 | 112 | 111 | 0.9 | | | | 70 - 130 | 30 |
| Chloroform | ND | 1.0 | 107 | 108 | 0.9 | | | | 70 - 130 | 30 |
| Chloromethane | ND | 1.0 | 96 | 98 | 2.1 | | | | 70 - 130 | 30 |
| cis-1,2-Dichloroethene | ND | 1.0 | 108 | 108 | 0.0 | | | | 70 - 130 | 30 |
| cis-1,3-Dichloropropene | ND | 0.40 | 106 | 106 | 0.0 | | | | 70 - 130 | 30 |
| Dibromochloromethane | ND | 0.50 | 109 | 109 | 0.0 | | | | 70 - 130 | 30 |
| Dibromomethane | ND | 1.0 | 107 | 108 | 0.9 | | | | 70 - 130 | 30 |
| Dichlorodifluoromethane | ND | 1.0 | 89 | 87 | 2.3 | | | | 70 - 130 | 30 |
| Ethylbenzene | ND | 1.0 | 111 | 111 | 0.0 | | | | 70 - 130 | 30 |
| Hexachlorobutadiene | ND | 0.40 | 108 | 111 | 2.7 | | | | 70 - 130 | 30 |

## QA/QC Data

SDG I.D.: GCQ36001

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| Isopropylbenzene | ND | 1.0 | 111 | 112 | 0.9 | | | | 70 - 130 | 30 |
| m&p-Xylene | ND | 1.0 | 113 | 112 | 0.9 | | | | 70 - 130 | 30 |
| Methyl ethyl ketone | ND | 5.0 | 93 | 95 | 2.1 | | | | 70 - 130 | 30 |
| Methyl t-butyl ether (MTBE) | ND | 1.0 | 102 | 101 | 1.0 | | | | 70 - 130 | 30 |
| Methylene chloride | ND | 1.0 | 100 | 100 | 0.0 | | | | 70 - 130 | 30 |
| Naphthalene | ND | 1.0 | 104 | 104 | 0.0 | | | | 70 - 130 | 30 |
| n-Butylbenzene | ND | 1.0 | 110 | 112 | 1.8 | | | | 70 - 130 | 30 |
| n-Propylbenzene | ND | 1.0 | 111 | 112 | 0.9 | | | | 70 - 130 | 30 |
| o-Xylene | ND | 1.0 | 111 | 111 | 0.0 | | | | 70 - 130 | 30 |
| p-Isopropyltoluene | ND | 1.0 | 110 | 111 | 0.9 | | | | 70 - 130 | 30 |
| sec-Butylbenzene | ND | 1.0 | 109 | 110 | 0.9 | | | | 70 - 130 | 30 |
| Styrene | ND | 1.0 | 112 | 112 | 0.0 | | | | 70 - 130 | 30 |
| tert-Butylbenzene | ND | 1.0 | 110 | 111 | 0.9 | | | | 70 - 130 | 30 |
| Tetrachloroethene | ND | 1.0 | 112 | 111 | 0.9 | | | | 70 - 130 | 30 |
| Tetrahydrofuran (THF) | ND | 2.5 | 96 | 95 | 1.0 | | | | 70 - 130 | 30 |
| Toluene | ND | 1.0 | 109 | 110 | 0.9 | | | | 70 - 130 | 30 |
| trans-1,2-Dichloroethene | ND | 1.0 | 108 | 109 | 0.9 | | | | 70 - 130 | 30 |
| trans-1,3-Dichloropropene | ND | 0.40 | 104 | 103 | 1.0 | | | | 70 - 130 | 30 |
| trans-1,4-dichloro-2-butene | ND | 5.0 | 87 | 87 | 0.0 | | | | 70 - 130 | 30 |
| Trichloroethene | ND | 1.0 | 112 | 114 | 1.8 | | | | 70 - 130 | 30 |
| Trichlorofluoromethane | ND | 1.0 | 108 | 107 | 0.9 | | | | 70 - 130 | 30 |
| Trichlorotrifluoroethane | ND | 1.0 | 105 | 104 | 1.0 | | | | 70 - 130 | 30 |
| Vinyl chloride | ND | 1.0 | 105 | 105 | 0.0 | | | | 70 - 130 | 30 |
| % 1,2-dichlorobenzene-d4 | 96 | % | 98 | 98 | 0.0 | | | | 70 - 130 | 30 |
| % Bromofluorobenzene | 96 | % | 98 | 99 | 1.0 | | | | 70 - 130 | 30 |
| % Dibromofluoromethane | 97 | % | 97 | 95 | 2.1 | | | | 70 - 130 | 30 |
| % Toluene-d8 | 97 | % | 100 | 100 | 0.0 | | | | 70 - 130 | 30 |

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

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
April 03, 2024

Wednesday, April 03, 2024

Criteria: CT: GAM

State: CT

# Sample Criteria Exceedances Report

## GCQ36001 - WESTSAMP

| SampNo | Acode | Phoenix Analyte | Criteria | Result | RL | Criteria | RL Criteria | 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 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:***

***Project Location:*** SIMSBURY AWC ***Project Number:***

***Laboratory Sample ID(s):*** CQ36001-CQ36012, CQ36014-CQ36019 ***Sampling Date(s):*** 3/25/2024

***List RCP Methods Used (e.g., 8260, 8270, et cetera)*** 8260, 8270, 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?** | ☑ Yes ☐ No |
| **1A** | **Were the method specified preservation and holding time requirements met?** | ☑ Yes ☐ No |
| **1B** | ***VPH and EPH methods only:*** **Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)** | ☐ Yes ☐ No ☑ NA |
| **2** | **Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?** | ☑ Yes ☐ No |
| **3** | **Were samples received at an appropriate temperature (< 6 Degrees C)?** | ☑ Yes ☐ No ☐ NA |
| **4** | **Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Section: ETPH Narration.** | ☐ Yes ☑ No |
| **5** | **a) Were reporting limits specified or referenced on the chain-of-custody?**<br>**b) Were these reporting limits met?** | ☑ Yes ☐ No<br>☑ Yes ☐ 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?** | ☐ Yes ☑ No |
| **7** | **Are project-specific matrix spikes and laboratory duplicates included in the data set?** | ☐ Yes ☑ 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:** Ethan Lee **Position:** Project Manager

**Printed Name:** Ethan Lee **Date:** Wednesday, April 03, 2024

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

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

CTDEP RCP Laboratory Analysis QA/QC Certification Form - November 2007
Laboratory Quality Assurance and Quality Control Guidance Reasonable Confidence Protocols

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# RCP Certification Report

April 03, 2024

SDG I.D.: GCQ36001

## *SDG Comments*

8270 Semi-volatile Organics:
The client requested a short list for 8270 RCP Semivolatile. Only the PAH constituents are reported as requested on the chain-of-custody.

## *ETPH Narration*

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

**QC Batch 724554 (Samples: CQ36008, CQ36009, CQ36010, CQ36011, CQ36012, CQ36014, CQ36015, CQ36017): -----**

**The LCS and/or the LCSD recovery is above the upper range, therefore a slight high bias is possible. (Ext. Petroleum H.C. (C9-C36))**

### Instrument:

**AU-XL1 03/29/24-1** Jeff Bucko, Chemist 03/29/24

CQ36002 (1X), CQ36003 (1X), CQ36004 (1X), CQ36005 (1X), CQ36006 (1X), CQ36007 (1X)

The initial calibration (ETPH325I) 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 (329A005_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.

**AU-XL1 04/01/24-1** Jeff Bucko, Chemist 04/01/24

CQ36008 (1X), CQ36009 (1X), CQ36010 (1X), CQ36011 (1X), CQ36012 (1X)

The initial calibration (ETPH325I) 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 (401A005) 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-XL2 04/01/24-1** Jeff Bucko, Chemist 04/01/24

CQ36014 (1X), CQ36015 (1X), CQ36017 (1X)

The initial calibration (ETPH307I) 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 (401A003) 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 (Batch Specific):

**Batch 724352 (CQ34457)**

CQ36002, CQ36003, CQ36004, CQ36005, CQ36006, CQ36007

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.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.
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.

**Batch 724554 (CQ36008)**

CQ36008, CQ36009, CQ36010, CQ36011, CQ36012, CQ36014, CQ36015, CQ36017

All LCS recoveries were within 60 - 120 with the following exceptions: None.
All LCSD recoveries were within 60 - 120 with the following exceptions: Ext. Petroleum H.C. (C9-C36)(122%)
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

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

NY # 11301

# RCP Certification Report

April 03, 2024

SDG I.D.: GCQ36001

## *ETPH Narration*

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.

## *SVOASIM Narration*

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

**Instrument:**

**CHEM33 04/01/24-2** Robert Looney, Chemist 04/01/24

CQ36001 (1X), CQ36004 (1X), CQ36018 (1X)

Initial Calibration Evaluation (CHEM33/33_PAHSIM_0325):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet a minimum response factors: None.

Continuing Calibration Verification (CHEM33/0401_31-33_PAHSIM_0325):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.
The following compounds did not meet minimum response factors: None.

**QC (Batch Specific):**

**Batch 724703 (CQ35419)**

CQ36001, CQ36004, CQ36018

All LCS recoveries were within 30 - 130 with the following exceptions: None.
All LCSD recoveries were within 30 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

## *VOA Narration*

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

**Instrument:**

**CHEM02 03/28/24-2** Michael Hahn, Chemist 03/28/24

CQ36004 (1X), CQ36015 (1X), CQ36016 (1X), CQ36019 (1X)

Chem02 is a 25ml purge instrument. The laboratory minimum response factor is set at 0.01 instead of 0.05 for the 25ml purge instruments.
EPA method 8260D Table 4 supports this approach.

Initial Calibration Evaluation (CHEM02/VT-032724):
98% of target compounds met criteria.
The following compounds had %RSDs >20%: Acetone 21% (20%)

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# RCP Certification Report

April 03, 2024

SDG I.D.: GCQ36001

## *VOA Narration*

The following compounds did not meet Table 4 recommended minimum response factors: 1,1,2,2-Tetrachloroethane 0.142 (0.2), 1,1,2-Trichloroethane 0.078 (0.2), 1,2,3-Trichlorobenzene 0.293 (0.4), 1,2,4-Trichlorobenzene 0.358 (0.4), 1,2-Dibromoethane 0.086 (0.2), 1,2-Dichlorobenzene 0.570 (0.6), 1,2-Dichloropropane 0.152 (0.2), Acrylonitrile 0.027 (0.05), Bromochloromethane 0.091 (0.1), Bromodichloromethane 0.165 (0.3), Bromoform 0.053 (0.1), cis-1,3-Dichloropropene 0.220 (0.3), Dibromochloromethane 0.108 (0.2), Ethylbenzene 0.270 (0.4), Tetrahydrofuran (THF) 0.020 (0.05), trans-1,3-Dichloropropene 0.163 (0.3), Trichloroethene 0.178 (0.2)
The following compounds did not meet the minimum response factor of 0.05: 1,2-Dibromo-3-chloropropane 0.026 (0.05), 2-Hexanone 0.035 (0.05), 4-Methyl-2-pentanone 0.047 (0.05), Acetone 0.021 (0.05), Acrylonitrile 0.027 (0.05), Methyl ethyl ketone 0.029 (0.05), Tetrahydrofuran (THF) 0.020 (0.05)

Continuing Calibration Verification (CHEM02/0328_29-VT-032724):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet Table 4 recommended minimum response factors: 1,1,2,2-Tetrachloroethane 0.149 (0.2), 1,1,2-Trichloroethane 0.084 (0.2), 1,2,3-Trichlorobenzene 0.316 (0.4), 1,2,4-Trichlorobenzene 0.388 (0.4), 1,2-Dibromoethane 0.092 (0.2), 1,2-Dichloropropane 0.162 (0.2), Acrylonitrile 0.028 (0.05), Bromochloromethane 0.095 (0.1), Bromodichloromethane 0.180 (0.3), Bromoform 0.055 (0.1), cis-1,3-Dichloropropene 0.228 (0.3), Dibromochloromethane 0.118 (0.2), Ethylbenzene 0.300 (0.4), Tetrahydrofuran (THF) 0.020 (0.05), trans-1,3-Dichloropropene 0.163 (0.3), trans-1,4-dichloro-2-butene 0.046 (0.05)

**QC (Batch Specific):**

**Batch 724699 (CQ36019)** CHEM02 3/28/2024-2

CQ36004(1X), CQ36015(1X), CQ36016(1X), CQ36019(1X)

All LCS recoveries were within 70 - 130 with the following exceptions: None.
All LCSD recoveries were within 70 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

## *Temperature Narration*

The samples were received at 1.8C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☒ No ☐
Coolant: IPK ☒ ICE ☐ No ☐

# CT/MA/RI CHAIN OF CUSTODY RECORD

**PHOENIX** Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: makrina@phoenixlabs.com Fax (860) 645-0823
**Client Services (860) 645-1102**

Temp 1.8 °C Pg 1 of 2

**Data Delivery/Contact Options:**
☐ Fax:
☐ Phone:
☐ Email: willson.laura@wseinc.com

Customer: Weston & Sampson
Address: 712 Brook St, Suite 103
Rocky Hill, CT 06067

Project: Simsbury AWC
Report to: Laura Willson
Invoice to: Laura Willson
Quote #: WE090723BA

**Project P.O:** EN624-0397

**This section MUST be completed with Bottle Quantities.**

Sampler's Signature: Mallin Pierce Date: 3/25/24

**Client Sample - Information - Identification**

**Matrix Code:**
**DW**=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
**RW**=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
**B**=Bulk **L**=Liquid **X** = _____(Other)

| PHOENIX USE ONLY SAMPLE # | Customer Sample Identification | Sample Matrix | Date Sampled | Time Sampled | *MS/MSD (May be billable at analysis unit rate) | ETPH | VOCs | PAHs | ETPH Fingerprint | GL Amber 8 oz. [ ] w/H$_3$PO$_4$ [ ] NAHSO$_4$ | Soil VOA Vials [ ] methanol [ ] H$_2$O | GL Soil container ( ) oz | GL Soil container ( ) oz | 40 ml VOA Vial [ ] As is [ ] HCl | GL Amber 1000ml [ ] As is [ ] H$_2$SO$_4$ | PL As is [ ] 250ml [ ] 500ml [ ] 1000ml | PL H$_2$SO$_4$ [ ] 250ml [ ] 500ml | PL HNO$_3$ 250ml | PL NaOH 250ml | Bacteria Bottle w/thio | Bacteria Bottle as is |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36001 | MW-CCA 3 | GW | 3/25/24 | ~~1825~~ MP | | | ✓ | | | | | | | | 2 | | | | | | |
| 36002 | MW-CCA 5 | | | 1828 | ✓ | | | | | | | | | | 1 | | | | | | |
| 36003 | MW-TRW1 | | | 1555 | ✓ | | | | | | | | | | 1 | | | | | | |
| 36004 | MW-4R | | | 1055 | ✓ | ✓ | ✓ | ✓ | | | | | | 3 | 4 | | | | | | |
| 36005 | MW-2A | | | 1305 | ✓ | | | | | | | | | | 1 | | | | | | |
| 36006 | MW-11A | | | 1045 | ✓ | | | | | | | | | | 1 | | | | | | |
| 36007 | MW-6 | | | 1208 | ✓ | | | ✓ | | | | | | | 2 | | | | | | |
| 36008 | MW-10 | | | 1210 | ✓ | | | | | | | | | | 2 | | | | | | |
| 36009 | MW-T3 | | | 1450 | ✓ | | | | | | | | | | 1 | | | | | | |
| 36010 | MW-T6 | | | 1425 | ✓ | | | | | | | | | | 1 | | | | | | |
| 36011 | MW-202 | | | 1750 | ✓ | | | | | | | | | | 1 | | | | | | |
| 36012 | MW-203 | ✓ | ✓ | 1355 | ✓ | | | | | | | | | | 1 | | | | | | |

| Relinquished by: | Accepted by: | Date: | Time: |
|---|---|---|---|
| Mallin Pierce | WES Fridge | 3/25/24 | 1930 |
| | | 3/26/24 | 1530 |
| | | 3/26/24 | 1618 |

Comments, Special Requirements or Regulations:
*4640
CT RSRS

**Turnaround Time:**
☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☐ 4 Days* ☐ 5 Days*
☑ Standard ☐ Other _____

**RI**
☐ RES DEC
☐ I/C DEC
☐ GA Leachability
☐ GB Leachability
☐ GA -GW Objectives
☐ GB -GW Objectives
☐ Other

**CT**
☑ RCP Cert
☐ GWPC
☐ SWPC
☑ GA PMC
☐ GB PMC
☐ SWPC
☐ RES DEC
☐ I/C DEC

**MA**
☐ MCP Certification
☐ GW-1 ☐ GW-2 ☐ GW-3 ☐ S-1 ☐ S-2 ☐ S-3
☐ RCS-1 / RCGW-1 ☐ RCS-2 / RCGW-2 ☐ S-1 Calc. ☐ _____
☐ SW Protection

**Data Format**
☑ Excel
☑ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

**Data Package**
☐ Tier II Checklist*
☐ Full Data Package*
☑ Phoenix Std
☐ Other

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

* SURCHARGES MAY APPLY

State where samples were collected: CT

* SURCHARGE APPLIES

Form PEL-126 Rev. 9/23

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

# PHOENIX
*Environmental Laboratories, Inc.*

## CT/MA/RI CHAIN OF CUSTODY RECORD

Temp 1.7 °C Pg 2 of 2

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: makrina@phoenixlabs.com Fax (860) 645-0823
**Client Services (860) 645-1102**

**Data Delivery/Contact Options:**
[ ] Fax:
[ ] Phone:
[x] Email: willson.laura@wsenv.com

Customer: Weston & Sampson
Address: 112 Brook St Suite 103
Rocky Hill, CT 06067

Project: Simsbury AWC
Report to: Laura Willson
Invoice to: Laura Willson
Quote # WE 090723BA

Project P.O: EN624-0397

**This section MUST be completed with Bottle Quantities.**

Sampler's Signature: Laura Willson Date: 3/25/24

**Client Sample - Information - Identification**

**Matrix Code:**
**DW**=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
**RW**=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
**B**=Bulk **L**=Liquid **X** = _____(Other)

| PHOENIX USE ONLY SAMPLE # | Customer Sample Identification | Sample Matrix | Date Sampled | Time Sampled | *MS/MSD (May be billable at analysis unit rate) | EtBTEX | VOCs | PAHs | GL Amber 8 oz. [ ] w/$H_3PO_4$ [ ] $NAHSO_4$ | Soil VOA Vials [ ] methanol [ ] $H_2O$ | GL Soil container( )oz | GL Soil container( )oz | 40 ml VOA Vial [ ] As is [ ] HCl | GL Amber 1000ml [ ] As is [ ] $H_2SO_4$ | PL As is [ ] 250ml [ ] 500ml [ ] 1000ml | PL $H_2SO_4$ [ ] 250ml [ ] 500ml | PL $HNO_3$ 250ml | PL NaOH 250ml | Bacteria Bottle w/thio | Bacteria Bottle as is |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * 360013 | * MW-310 | GW | 3/25/24 | 1445 | ✓ | | | | | | | | | | | | | | | |
| 360014 | MW-101 | | | 1725 | ✓ | | | | | | | | | | | | 1 | | | |
| 360015 | MW-102 | | | 1335 | ✓ | ✓ | | | | | | | 3 | 2 | | | | | | |
| 360016 | Dup-1 | | | — | | ✓ | | | | | | | 3 | | | | | | | |
| 360017 | Dup-2 | | | — | ✓ | | | | | | | | | 1 | | | | | | |
| 360018 | Dup-3 | ↓ | ↓ | — | | | ✓ | | | | | | | 2 | | | | | | |
| 360019 | Trip Blank | W | | — | | ✓ | | | | | | | 2 | | | | | | | |

| Relinquished by: | Accepted by: | Date: | Time: |
|---|---|---|---|
| Laura Willson | WBS, Fridge | 3/25/24 | 1930 |
| | | 3/26/24 | 1530 |
| | | 3/26/24 | 1618 |

**Comments, Special Requirements or Regulations:**
* Did not receive
CT RSRs

**Turnaround Time:**
[ ] 1 Day* [x] Standard
[ ] 2 Days* [ ] Other
[ ] 3 Days*
[ ] 4 Days*
[ ] 5 Days*

***MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.**

* SURCHARGES MAY APPLY

**RI**
[ ] RES DEC
[ ] I/C DEC
[ ] GA Leachability
[ ] GB Leachability
[ ] GA -GW Objectives
[ ] GB -GW Objectives
[ ] Other

**CT**
[x] RCP Cert
[ ] GWPC
[ ] SWPC
[x] GA PMC
[ ] GB PMC
[ ] SWPC
[ ] RES DEC
[ ] I/C DEC

**MA**
[ ] MCP Certification
[ ] GW-1 [ ] RCS-1 / RCGW-1
[ ] GW-2 [ ] RCS-2 / RCGW-2
[ ] GW-3 [ ] S-1 Calc.
[ ] S-1
[ ] S-2
[ ] S-3 [ ] _____
[ ] SW Protection

**State where samples were collected:** CT

**Data Format**
[x] Excel
[x] PDF
[ ] GIS/Key
[ ] EQuIS
[ ] Other

**Data Package**
[ ] Tier II Checklist*
[ ] Full Data Package*
[x] Phoenix Std
[ ] Other

* SURCHARGE APPLIES

Form PEL-126 Rev. 9/23

~~GC036013~~ GC036001

**Krystal Delgado**

**From:** Krystal Delgado
**Sent:** Tuesday, March 26, 2024 5:14 PM
**To:** willson.laura@wseinc.com
**Subject:** Simsbury Ave
**Attachments:** SKM_458e24032617440.pdf

**Importance:** High

Good afternoon,

For the project above, we did not receive sample ID MW-310.

Thank you

*Krystal Delgado*
Sample Receiving
Phoenix Environmental Laboratories
587 East Middle Tpke.
Manchester, CT 06040
krystald@phoenixlabs.com
PH: 860-645-1102 ext:369
FX: 860-645-0823

PHOENIX
Environmental Laboratories, Inc.

**Monday, April 08, 2024**

**Attn: Laura Willson**
**Weston & Sampson**
**712 Brook Street Suite 103**
**Rocky Hill, CT 06067**

**Project ID:** **SIMSBURY AWC**
**SDG ID:** **GCQ39262**
**Sample ID#s:** **CQ39262**

**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,**

**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**
**VT Lab Registration #VT11301**

PHOENIX

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

April 08, 2024

SDG I.D.: GCQ39262

Project ID: SIMSBURY AWC

| Client Id | Lab Id | Matrix |
|---|---|---|
| MW-310 | CQ39262 | GROUND WATER |

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

# Analysis Report

April 08, 2024

FOR: Attn: Laura Willson
Weston & Sampson
712 Brook Street Suite 103
Rocky Hill, CT 06067

| Sample Information | | Custody Information | | Date | Time |
|---|---|---|---|---|---|
| Matrix: | GROUND WATER | Collected by: | | 03/29/24 | 12:20 |
| Location Code: | WESTSAMP | Received by: | LB | 03/29/24 | 15:30 |
| Rush Request: | Standard | Analyzed by: | see "By" below | | |
| P.O.#: | | | | | |

## Laboratory Data

SDG ID: GCQ39262
Phoenix ID: CQ39262

Project ID: SIMSBURY AWC
Client ID: MW-310

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | Reference |
|---|---|---|---|---|---|---|---|
| Extraction of ETPH | Completed | | | | 04/03/24 | Z/MQ | SW3510C/SW3520C |
| **TPH by GC (Extractable Products)** | | | | | | | |
| Ext. Petroleum H.C. (C9-C36) | 0.95 | 0.066 | mg/L | 1 | 04/04/24 | JRB | CTETPH |
| Identification | ** | | mg/L | 1 | 04/04/24 | JRB | CTETPH |
| **QA/QC Surrogates** | | | | | | | |
| % Terphenyl (surr) | 61 | | % | 1 | 04/04/24 | 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:**

TPH Comment:
**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C14 to C28. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

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.

**Phyllis Shiller, Laboratory Director**
**April 08, 2024**
**Reviewed and Released by: Anil Makol, Project Manager**

**Ver 1**

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

# QA/QC Report

April 08, 2024

## QA/QC Data

SDG I.D.: GCQ39262

| Parameter | Blank | Blk RL | LCS % | LCSD % | LCS RPD | MS % | MSD % | MS RPD | % Rec Limits | % RPD Limits |
|---|---|---|---|---|---|---|---|---|---|---|
| QA/QC Batch 725204 (mg/L), QC Sample No: CQ38816 (CQ39262) | | | | | | | | | | |
| TPH by GC (Extractable Products) - Ground Water | | | | | | | | | | |
| Ext. Petroleum H.C. (C9-C36) | ND | 0.10 | 93 | 99 | 6.3 | | | | 60 - 120 | 30 |
| % Terphenyl (surr) | 79 | % | 79 | 83 | 4.9 | | | | 50 - 150 | 20 |

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

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
April 08, 2024

Monday, April 08, 2024
Criteria: CT: GWP
State: CT

# Sample Criteria Exceedances Report

**GCQ39262 - WESTSAMP**

| SampNo | Acode | Phoenix Analyte | Criteria | Result | RL | Criteria | RL Criteria | Analysis Units |
|---|---|---|---|---|---|---|---|---|
| CQ39262 | $ETPH_WMR | Ext. Petroleum H.C. (C9-C36) | CT / RSR GWPC (ug/l) / Pest/PCB/TPH | 0.95 | 0.066 | 0.5 | 0.5 | mg/L |
| CQ39262 | $ETPH_WMR | Ext. Petroleum H.C. (C9-C36) | CT / RSR GWPC (ug/l) / Pest/PCB/TPH | 0.95 | 0.066 | 0.25 | 0.25 | mg/L |

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.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

# Analysis Comments

April 08, 2024 SDG I.D.: GCQ39262

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

Cooler: Yes ☐ No ☐
Coolant: IPK ☐ ICE ☐ No ☐
Temp 2.3 °C Pg of

# PHOENIX
*Environmental Laboratories, Inc.*

## CT/MA/RI CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: makrina@phoenixlabs.com Fax (860) 645-0823
**Client Services (860) 645-1102**

**Data Delivery/Contact Options:**
☐ Fax:
☐ Phone:
☑ Email: wilson.laura@wsine.com

Customer: Weston & Sampson
Address: 712 Brook Street
Rocky Hill CT

Project: Simsbury AWC
Report to: Laura Wilson
Invoice to:
Quote #

**Project P.O:**

***This section MUST be completed with Bottle Quantities.***

**Client Sample - Information - Identification**

Sampler's Signature _____ Date: 3/29/24

**Matrix Code:**
**DW**=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
**RW**=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
**B**=Bulk **L**=Liquid **X** = _____(Other)

| PHOENIX USE ONLY SAMPLE # | Customer Sample Identification | Sample Matrix | Date Sampled | Time Sampled | *MS/MSD (May be billable at analysis unit rate) | EDD |
|---|---|---|---|---|---|---|
| 39262 | MW-310 | GW | 3/29/24 | 12:20 | ✓ | |
| 39263 | MW-310 Dupe 1 | GW | 3/29/24 | 12:40 | ✓ | |

Bottle-quantity columns: GL Amber 8 oz. [ ] w/$H_3PO_4$ [ ] $NAHSO_4$; Soil VOA Vials [ ] methanol [ ] $H_2O$; GL Soil container ( )oz; GL Soil container ( )oz; 40 ml VOA Vial [ ] As is [ ] HCl; GL Amber 1000ml [ ] As is [ ] $H_2SO_4$; PL As is [ ] 250ml [ ] 1500ml [ ] 1000ml; PL $H_2SO_4$ [ ] 250ml [ ] 1500ml; PL $HNO_3$ 250ml; PL NaOH 250ml; Bacteria Bottle w/thio; Bacteria Bottle as is

| Relinquished by: | Accepted by: | Date: | Time: |
|---|---|---|---|
| Erica Panasiewicz | WES Fridge | 3/29/24 | 13:40 |
| | | 3/29/24 | 14:20 |
| | | 3/29/24 | 15:30 |

**Comments, Special Requirements or Regulations:**
call 860-839-6041 w/ any questions

**Turnaround Time:**
☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☐ 4 Days* ☐ 5 Days*
☑ Standard ☐ Other _____

***MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.**

*** SURCHARGES MAY APPLY**

**RI**
☐ RES DEC
☐ I/C DEC
☐ GA Leachability
☐ GB Leachability
☐ GA -GW Objectives
☐ GB -GW Objectives
☐ Other

**CT**
☐ RCP Cert
☑ GWPC
☐ SWPC
☐ GA PMC
☐ GB PMC
☐ SWPC
☐ RES DEC
☐ I/C DEC

**MA**
☐ MCP Certification
☐ GW-1 ☐ GW-2 ☐ GW-3 ☐ S-1 ☐ S-2 ☐ S-3
☐ RCS-1 / RCGW-1
☐ RCS-2 / RCGW-2
☐ S-1 Calc.
☐ SW Protection
☐ _____

**State where samples were collected:** CT

**Data Format**
☑ Excel ☐ PDF ☐ GIS/Key ☐ EQuIS ☐ Other

**Data Package**
☐ Tier II Checklist*
☑ Full Data Package*
☐ Phoenix Std
☐ Other

*** SURCHARGE APPLIES**

Form PEL-126 Rev. 9/23

## Bobbi Aloisa

From: Willson, Laura M. <willson.laura@wseinc.com>
Sent: Monday, April 01, 2024 8:28 AM
To: Bobbi Aloisa
Subject: FW: Phoenix Labs - GCQ39262, SIMSBURY AWC - COC Acknowledgement
Attachments: Sample Acknowledgement.pdf

Bobbi,
Just reviewing this work order I received late Friday evening.

We do NOT need the duplicate sample analyzed. Not sure why one was collected, but it is NOT needed. Please remove this. We only need sample MW-310 analyzed.

Please confirm receipt.

---

From: SampleReceiving@phoenixlabs.com <SampleReceiving@phoenixlabs.com>
Sent: Friday, March 29, 2024 9:41 PM
To: Willson, Laura M. <willson.laura@wseinc.com>
Subject: Phoenix Labs - GCQ39262, SIMSBURY AWC - COC Acknowledgement

This is an automated sample acknowledgement.

If you were issued a Phoenix Price Quote # for this SDG and it was not listed on the chain, please email client services with the quote number so we can ensure proper invoicing. If no quote was issued, no further action is required.

If you have a PO# that is required for this SDG, and you need it listed on your invoice please email client services so we can be sure to get the PO# listed on the invoice. If no PO# is required, no further action is required.

Samples Will Be Disposed After: 30 Days

GCQ39262 Criteria:
GROUND WATER(2): CT GWP (GA GW Protection)

Please email client services only if you require criteria different than what is listed. Criteria added post-reporting requires re-evaluation of data and possible re-analysis therefore charges may apply. Project objectives not communicated at time of submittal may not be achieved.

Delivery group GCQ39262 (SIMSBURY AWC ) has been logged in for the following samples:

| Phoenix Id | Client Id |
|---|---|
| CQ39262 | MW-310 |
| CQ39263 | MW-310 DUP 1 |

This SDG has been logged in for Standard 7 business day turn-around time.

The samples in this delivery group were received at 2.3°C. (Note acceptance criteria for relevant matrices is above freezing up to 6°C)

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

Thank you for your business,

Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06374
Tel. (860) 645-1102
Fax. (860) 645-0823
www.phoenixlabs.com

Please do not reply to this email.
cc'd:willson.laura@wseinc.com
The contents of this e-mail and any attachments are the property of the Weston & Sampson companies. The e-mail contents are only to be used by the intended recipient of the e-mail. If you are not the intended recipient, then use, disclosure, copying, distribution or reliance on the e-mail is prohibited. All professional advice from us should be obtained in writing (not e-mail).