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

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

This Electronic Transmittal Form is to be used when submitting a document to the Connecticut SFT website. This form must be completed and included as the cover sheet of your electronic document.

Requirements for Transmittals through the SFT website:

- Only document types identified in the dropdown lists in Part III below may be submitted 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_DocumentType_DateofDocument**
    Example: REM_1234_MonitoringReport_01-01-2001
  - For LUST Filings: **LUST_SiteAddress_Town_AbbreviationForDocumentType_DateofDocument**
    Example: LUST_1MainStreet_Hartford_ESA_01-01-2001
    Note: For AbbreviationForDocumentType" use appropriate abbreviation at Transmittal of Documents

Part I: Program Type (Select either Remediation or LUST as your Primary Program Type)

☒ Remediation	☐ LUST
Primary Program: Select Primary Program	UST Facility ID: (if applicable)
*Rem ID: 4943 (required)	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, PCB File #, etc.)

Part III: Document Information

Remediation: Monitoring Report	LUST: LUST Document Type
Date of Document: 10/30/2020	Final

Part IV: Submitter Information

Name: Drew Blicharz E-mail: drew.blicharz@eversource.com
Name of company/business this document is being submitted on behalf of: CL&P dba Eversource

October 30, 2020

Mr. Robert Robinson
Bureau of Waste Management
Department of Energy and Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

Reference: 1) Letter, D. Blicharz to R. Robinson, dated April 30, 2020.
2) Letter (C11330), M. Harder to R. Zaklukiewicz, dated February 26, 2002.

Dear Mr. Robinson:

Groundwater Report – 3rd Quarter 2020
Former Simsbury Area Work Center (Rem ID #4943)
34 Hopmeadow Street, Simsbury, CT

The Connecticut Light and Power Company dba Eversource Energy (Eversource) herein submits quarterly groundwater data for the Former Simsbury Area Work Center.

As documented in the most recent Annual Report (Reference 1), a modification to the groundwater sampling program was proposed by the Licensed Environmental Professional retained to provide verification for the investigation and remediation of this site pursuant to CGS Section 22a-133v (Reference 2). Based on this, samples were collected from four (4) monitoring wells including CCA-3, MW-6, MW-101, and MW-102 and analyzed for various parameters. However, the full suite of analyses could not be performed on the sample collected from monitoring well CCA-3 as planned because of insufficient recharge and volume.

As indicated in the enclosed laboratory analytical data report, groundwater sample results were below the Remediation Standard Regulation GA Groundwater Protection Criteria, Surface Water Protection Criteria, and Groundwater Volatilization Criteria except for total petroleum hydrocarbon concentrations detected above 250 micrograms per liter in samples collected from monitoring wells MW-6 and MW-101.

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

Very truly yours,

Eversource

Drew Blicharz

Drew P. Blicharz
Environmental Specialist – Remediation

Enclosure

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

October 1, 2020

Jeff Willson
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: Simsbury, CT
Client Job Number:
Project Number: 2180209 Phase R
Laboratory Work Order Number: 20I1305

Enclosed are results of analyses for samples received by the laboratory on September 24, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Michelle M. Koch
Project Manager

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Jeff Willson

REPORT DATE: 10/1/2020

PURCHASE ORDER NUMBER: 1103487

PROJECT NUMBER: 2180209 Phase R

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20I1305

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Simsbury, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB-1	20I1305-01	Trip Blank Water		SW-846 8260C-D	
Dup-1	20I1305-02	Water		CTDEP ETPH	
				SW-846 8260C-D	
MW-102	20I1305-03	Water		SW-846 8260C-D	
MW-6	20I1305-04	Water		CTDEP ETPH	
MW-101	20I1305-06	Water		CTDEP ETPH	
				SW-846 8260C-D	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260C-D

Qualifications:

L-17

Compound classified by CT RCP as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.

Analyte & Samples(s) Qualified:

Bromomethane
B267284-BS1

V-20

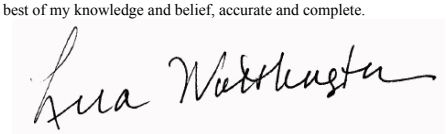
Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromomethane
B267284-BS1, S052785-CCV1

Chloromethane
B267284-BS1, S052785-CCV1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Simsbury, CT | Sample Description: | Work Order: 20I1305

Date Received: 9/24/2020

Field Sample #: TB-1 | Sampled: 9/24/2020 00:00

Sample ID: 20I1305-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Simsbury, CT | Sample Description: | Work Order: 20I1305

Date Received: 9/24/2020

Field Sample #: TB-1 | Sampled: 9/24/2020 00:00

Sample ID: 20I1305-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 12:20	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.6	70-130		9/25/20 12:20
Toluene-d8	101	70-130		9/25/20 12:20
4-Bromofluorobenzene	98.2	70-130		9/25/20 12:20

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Project Location: Simsbury, CT | Sample Description: | Work Order: 20I1305

Date Received: 9/24/2020

Field Sample #: Dup-1 | Sampled: 9/24/2020 00:00

Sample ID: 20I1305-02

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Simsbury, CT | Sample Description: | Work Order: 20I1305

Date Received: 9/24/2020

Field Sample #: Dup-1 | Sampled: 9/24/2020 00:00

Sample ID: 20I1305-02

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 17:35	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	95.9	70-130		9/25/20 17:35
Toluene-d8	100	70-130		9/25/20 17:35
4-Bromofluorobenzene	99.4	70-130		9/25/20 17:35

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Simsbury, CT | Sample Description: | Work Order: 20I1305

Date Received: 9/24/2020

Field Sample #: Dup-1 | Sampled: 9/24/2020 00:00

Sample ID: 20I1305-02

Sample Matrix: Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.33	0.20	mg/L	1		CTDEP ETPH	9/29/20	9/30/20 16:54	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
2-Fluorobiphenyl	59.0	50-150				9/30/20 16:54	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Simsbury, CT | Sample Description: | Work Order: 20I1305

Date Received: 9/24/2020

Field Sample #: MW-102 | Sampled: 9/24/2020 11:00

Sample ID: 20I1305-03

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Simsbury, CT | Sample Description: | Work Order: 20I1305

Date Received: 9/24/2020

Field Sample #: MW-102 | Sampled: 9/24/2020 11:00

Sample ID: 20I1305-03

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:01	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.0	70-130		9/25/20 18:01
Toluene-d8	99.9	70-130		9/25/20 18:01
4-Bromofluorobenzene	101	70-130		9/25/20 18:01

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Simsbury, CT | Sample Description: | Work Order: 20I1305

Date Received: 9/24/2020

Field Sample #: MW-6 | Sampled: 9/24/2020 11:45

Sample ID: 20I1305-04

Sample Matrix: Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.45	0.15	mg/L	1		CTDEP ETPH	9/29/20	9/30/20 17:15	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
2-Fluorobiphenyl	73.5	50-150				9/30/20 17:15	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Simsbury, CT | Sample Description: | Work Order: 20I1305

Date Received: 9/24/2020

Field Sample #: MW-101 | Sampled: 9/24/2020 13:30

Sample ID: 20I1305-06

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Acrylonitrile	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Benzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Bromobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Bromoform	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
2-Butanone (MEK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Carbon Tetrachloride	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Chlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Chloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Chloroform	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Chloromethane	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
2-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
4-Chlorotoluene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Dibromomethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,2-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,3-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,4-Dichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,1-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,2-Dichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,1-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
cis-1,2-Dichloroethylene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
2,2-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,1-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Ethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Hexachlorobutadiene	ND	0.60	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
2-Hexanone (MBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Isopropylbenzene (Cumene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF

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Project Location: Simsbury, CT | Sample Description: | Work Order: 20I1305

Date Received: 9/24/2020

Field Sample #: MW-101 | Sampled: 9/24/2020 13:30

Sample ID: 20I1305-06

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,1,1-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,1,2-Trichloroethane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,2,3-Trichloropropane	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
Vinyl Chloride	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C-D	9/25/20	9/25/20 18:27	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	96.8	70-130		9/25/20 18:27
Toluene-d8	99.0	70-130		9/25/20 18:27
4-Bromofluorobenzene	100	70-130		9/25/20 18:27

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Project Location: Simsbury, CT | Sample Description: | Work Order: 20I1305

Date Received: 9/24/2020

Field Sample #: MW-101 | Sampled: 9/24/2020 13:30

Sample ID: 20I1305-06

Sample Matrix: Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.27	0.20	mg/L	1		CTDEP ETPH	9/29/20	9/30/20 16:33	RDD

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
2-Fluorobiphenyl	72.2	50-150				9/30/20 16:33	

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Sample Extraction Data

Prep Method: SW-846 3510C **Analytical Method: CTDEP ETPH**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20I1305-02 [Dup-1]	B267526	750	1.00	09/29/20
20I1305-04 [MW-6]	B267526	1010	1.00	09/29/20
20I1305-06 [MW-101]	B267526	750	1.00	09/29/20

Prep Method: SW-846 5030B **Analytical Method: SW-846 8260C-D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20I1305-01 [TB-1]	B267284	5	5.00	09/25/20
20I1305-02 [Dup-1]	B267284	5	5.00	09/25/20
20I1305-03 [MW-102]	B267284	5	5.00	09/25/20
20I1305-06 [MW-101]	B267284	5	5.00	09/25/20

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B267284 - SW-846 5030B										
Blank (B267284-BLK1)				Prepared & Analyzed: 09/25/20						
Acetone	ND	10	µg/L							
Acrylonitrile	ND	2.0	µg/L							
Benzene	ND	0.50	µg/L							
Bromobenzene	ND	0.50	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	0.50	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	5.0	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	0.50	µg/L							
Chlorobenzene	ND	0.50	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	0.50	µg/L							
Chloroform	ND	0.50	µg/L							
Chloromethane	ND	0.60	µg/L							
2-Chlorotoluene	ND	0.50	µg/L							
4-Chlorotoluene	ND	0.50	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	0.50	µg/L							
1,3-Dichlorobenzene	ND	0.50	µg/L							
1,4-Dichlorobenzene	ND	0.50	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	0.50	µg/L							
1,1-Dichloroethane	ND	0.50	µg/L							
1,2-Dichloroethane	ND	0.50	µg/L							
1,1-Dichloroethylene	ND	0.50	µg/L							
cis-1,2-Dichloroethylene	ND	0.50	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	0.50	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	0.50	µg/L							
1,1-Dichloropropene	ND	0.50	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	0.50	µg/L							
Hexachlorobutadiene	ND	0.60	µg/L							
2-Hexanone (MBK)	ND	5.0	µg/L							
Isopropylbenzene (Cumene)	ND	0.50	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	0.50	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	0.50	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	5.0	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B267284 - SW-846 5030B										
Blank (B267284-BLK1)				Prepared & Analyzed: 09/25/20						
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	1.0	µg/L							
1,2,4-Trichlorobenzene	ND	0.50	µg/L							
1,1,1-Trichloroethane	ND	0.50	µg/L							
1,1,2-Trichloroethane	ND	0.50	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	0.50	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	µg/L							
1,2,4-Trimethylbenzene	ND	0.50	µg/L							
1,3,5-Trimethylbenzene	ND	0.50	µg/L							
Vinyl Chloride	ND	1.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*23.5*		µg/L	25.0		94.2	70-130			
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25.0		101	70-130			
LCS (B267284-BS1)				Prepared & Analyzed: 09/25/20						
Acetone	248	10	µg/L	200		124	40-160			
Acrylonitrile	18.4	2.0	µg/L	20.0		92.0	70-130			
Benzene	19.4	0.50	µg/L	20.0		97.2	70-130			
Bromobenzene	20.5	0.50	µg/L	20.0		103	70-130			
Bromodichloromethane	20.0	0.50	µg/L	20.0		100	70-130			
Bromoform	21.9	0.50	µg/L	20.0		110	70-130			
Bromomethane	13.3	2.0	µg/L	20.0		66.4	40-160			L-17, V-20
2-Butanone (MEK)	199	5.0	µg/L	200		99.6	40-160			
n-Butylbenzene	20.1	1.0	µg/L	20.0		100	70-130			
sec-Butylbenzene	21.2	1.0	µg/L	20.0		106	70-130			
tert-Butylbenzene	20.4	1.0	µg/L	20.0		102	70-130			
Carbon Disulfide	16.8	5.0	µg/L	20.0		84.1	70-130			
Carbon Tetrachloride	19.3	0.50	µg/L	20.0		96.6	70-130			
Chlorobenzene	22.3	0.50	µg/L	20.0		112	70-130			
Chlorodibromomethane	20.3	0.50	µg/L	20.0		102	40-160			
Chloroethane	19.4	0.50	µg/L	20.0		97.1	70-130			
Chloroform	19.3	0.50	µg/L	20.0		96.6	70-130			
Chloromethane	17.1	0.60	µg/L	20.0		85.4	40-160			V-20
2-Chlorotoluene	21.3	0.50	µg/L	20.0		106	70-130			
4-Chlorotoluene	21.7	0.50	µg/L	20.0		108	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	19.2	1.0	µg/L	20.0		95.9	70-130			
1,2-Dibromoethane (EDB)	20.6	0.50	µg/L	20.0		103	70-130			
Dibromomethane	20.2	0.50	µg/L	20.0		101	70-130			
1,2-Dichlorobenzene	21.4	0.50	µg/L	20.0		107	70-130			
1,3-Dichlorobenzene	21.9	0.50	µg/L	20.0		109	70-130			
1,4-Dichlorobenzene	20.7	0.50	µg/L	20.0		103	70-130			
trans-1,4-Dichloro-2-butene	22.0	2.0	µg/L	20.0		110	70-130			
Dichlorodifluoromethane (Freon 12)	17.9	0.50	µg/L	20.0		89.6	40-160			
1,1-Dichloroethane	19.4	0.50	µg/L	20.0		96.9	70-130			
1,2-Dichloroethane	18.9	0.50	µg/L	20.0		94.3	70-130			
1,1-Dichloroethylene	18.7	0.50	µg/L	20.0		93.6	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B267284 - SW-846 5030B										
LCS (B267284-BS1)				Prepared & Analyzed: 09/25/20						
cis-1,2-Dichloroethylene	19.2	0.50	µg/L	20.0		96.0	70-130			
trans-1,2-Dichloroethylene	17.6	1.0	µg/L	20.0		88.2	70-130			
1,2-Dichloropropane	20.1	0.50	µg/L	20.0		100	70-130			
1,3-Dichloropropane	19.6	0.50	µg/L	20.0		98.0	70-130			
2,2-Dichloropropane	18.9	0.50	µg/L	20.0		94.4	70-130			
1,1-Dichloropropene	17.6	0.50	µg/L	20.0		88.0	70-130			
cis-1,3-Dichloropropene	19.7	0.50	µg/L	20.0		98.6	70-130			
trans-1,3-Dichloropropene	19.9	0.50	µg/L	20.0		99.6	70-130			
Ethylbenzene	21.0	0.50	µg/L	20.0		105	70-130			
Hexachlorobutadiene	22.6	0.60	µg/L	20.0		113	40-160			
2-Hexanone (MBK)	190	5.0	µg/L	200		94.8	70-130			
Isopropylbenzene (Cumene)	21.9	0.50	µg/L	20.0		109	70-130			
p-Isopropyltoluene (p-Cymene)	20.6	0.50	µg/L	20.0		103	70-130			
Methyl tert-Butyl Ether (MTBE)	18.8	0.50	µg/L	20.0		93.9	70-130			
Methylene Chloride	18.7	5.0	µg/L	20.0		93.7	70-130			
4-Methyl-2-pentanone (MIBK)	184	5.0	µg/L	200		92.1	40-160			
Naphthalene	18.5	2.0	µg/L	20.0		92.6	70-130			
n-Propylbenzene	21.5	1.0	µg/L	20.0		108	70-130			
Styrene	22.1	1.0	µg/L	20.0		111	70-130			
1,1,1,2-Tetrachloroethane	22.7	0.50	µg/L	20.0		113	70-130			
1,1,2,2-Tetrachloroethane	22.6	0.50	µg/L	20.0		113	70-130			
Tetrachloroethylene	21.5	1.0	µg/L	20.0		107	70-130			
Tetrahydrofuran	19.4	10	µg/L	20.0		96.9	70-130			
Toluene	20.4	1.0	µg/L	20.0		102	70-130			
1,2,3-Trichlorobenzene	19.6	1.0	µg/L	20.0		98.1	70-130			
1,2,4-Trichlorobenzene	20.6	0.50	µg/L	20.0		103	70-130			
1,1,1-Trichloroethane	19.3	0.50	µg/L	20.0		96.4	70-130			
1,1,2-Trichloroethane	21.3	0.50	µg/L	20.0		107	70-130			
Trichloroethylene	20.4	1.0	µg/L	20.0		102	70-130			
Trichlorofluoromethane (Freon 11)	18.0	2.0	µg/L	20.0		90.0	40-160			
1,2,3-Trichloropropane	20.2	0.50	µg/L	20.0		101	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	22.0	0.50	µg/L	20.0		110	70-130			
1,2,4-Trimethylbenzene	19.4	0.50	µg/L	20.0		97.1	70-130			
1,3,5-Trimethylbenzene	21.2	0.50	µg/L	20.0		106	70-130			
Vinyl Chloride	17.1	1.0	µg/L	20.0		85.3	70-130			
m+p Xylene	41.8	2.0	µg/L	40.0		105	70-130			
o-Xylene	21.6	1.0	µg/L	20.0		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	*23.5*		µg/L	25.0		94.0	70-130			
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		100	70-130			
Surrogate: 4-Bromofluorobenzene	*26.1*		µg/L	25.0		104	70-130			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B267526 - SW-846 3510C										
Blank (B267526-BLK1)				Prepared: 09/29/20 Analyzed: 09/30/20						
CT ETPH	ND	0.15	mg/L							
Surrogate: 2-Fluorobiphenyl	*0.0619*		mg/L	0.100		61.9	50-150			
LCS (B267526-BS1)				Prepared: 09/29/20 Analyzed: 09/30/20						
CT ETPH	0.687	0.15	mg/L	1.00		68.7	60-120			
Surrogate: 2-Fluorobiphenyl	*0.0657*		mg/L	0.100		65.7	50-150			
LCS Dup (B267526-BSD1)				Prepared: 09/29/20 Analyzed: 09/30/20						
CT ETPH	0.703	0.15	mg/L	1.00		70.3	60-120	2.41	30	
Surrogate: 2-Fluorobiphenyl	*0.0638*		mg/L	0.100		63.8	50-150			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-17	Compound classified by CT RCP as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Water	
CT ETPH	CT
SW-846 8260C-D in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NY
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
1,2-Dibromo-3-chloropropane (DBCP)	NY
1,2-Dibromoethane (EDB)	NY
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C-D in Water	
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	NH,NY,ME
o-Xylene	NH,NY,ME

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2021
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2021
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2021
FL	Florida Department of Health	E871027 NELAP	06/30/2021
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2021
ME	State of Maine	2011028	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2020
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2021
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2021
NC-DW	North Carolina Department of Health	25703	07/31/2021
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2021
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2021

20I1305

http://www.contestlabs.com

Doc # 381 Rev 2_06262019

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 1

Company Name:	Weston & Sampson (Eversource)
Address:	712 Brook Street
Phone:	Rocky Hill, CT 06067
Project Name:	Simsbury AWC
Project Location:	Simsbury CT
Project Number:	2180209, Phase R
Project Manager:	Jeff Willson
Con-Test Quote Name/Number:	—
Invoice Recipient:	Drew Blichartz / Jeff Willson
Sampled By:	Meghan Shanahan

Requested Turnaround Time: 7-Day [X] 10-Day [ ] PFAS 10-Day (std) [ ] Due Date:

Rush-Approval Required: 1-Day [ ] 3-Day [ ] 2-Day [ ] 4-Day [ ]

Dissolved Metals Samples: ○ Field Filtered ○ Lab to Filter

Orthophosphate Samples: ○ Field Filtered ○ Lab to Filter

Data Delivery: Format: PDF [X] EXCEL [X] Other:
CLP Like Data Pkg Required: [ ]
Email To: willsonj@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	VOCs	ETPH	PAHs
1	TB-1	9/24/2020		grab	DI H2O	U	2					X		
2	DUP-1				GW	U	3	1				X	X	
3	MW-102		1100			U	3					X		
4	MW-6		1145			U		2					X	
5	CCA-3		1230			U		1					X	X
6	MW-101		1330			U	3	1				X	X	

[2] Preservation Code

Courier Use Only
Total Number Of:
VIALS____
GLASS____
PLASTIC____
BACTERIA____
ENCORE____

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)	Date/Time:
[signature]	09/24/2020 1430
Received by: (signature) [signature]	Date/Time: 9/24/20 1600
Relinquished by: (signature) [signature]	Date/Time: 9/24/20 1700
Received by: (signature) [signature] 3.4	Date/Time: 9/24/20 1700
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments: (CCA-3 may not have enough H2O for analysis... was all could collect)

Detection Limit Requirements: MA; CT: CT DEEP; Other:

Special Requirements: [ ] MA MCP Required; MCP Certification Form Required; [X] CT RCP Required; RCP Certification Form Required; [ ] MA State DW Required; PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above: H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity: Government [ ] Municipality [ ] MWRA [ ] WRTA [ ] Federal [ ] 21 J [ ] School [ ] City [ ] Brownfield [ ] MBTA [ ]

Other: [ ] Chromatogram [ ] AIHA-LAP,LLC

PCB ONLY: [ ] Soxhlet [ ] Non Soxhlet

Comments:

Notified clien t- not enough sample to run either test for 05, per lab. Cancelled test 9/29/2020 mmk

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. Th Chain of Custody is a legal document that must be complete and accurate and is used to determine wh analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Co Test values your partnership on each project and will try to assist with missing information, but will not held accountable.

Table of Contents

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client WES
Received By [signature] Date 9/24/20 Time 1700

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 3.4
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? n/a Were Samples Tampered with? n/a
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? F
Are there Rushes? F Who was notified? ____
Are there Short Holds? F Who was notified? ____
Is there enough Volume? F Who was notified? ____
Is there Headspace where applicable? T MS/MSD? F
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? T On COC? T
Do all samples have the proper pH? Acid n/a Base n/a

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.	5	1 Liter Plastic		16 oz Amb.	
HCL-	11	500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass		Other Plastic		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

Might not be enough volume for sample CCA-3.

C:\MSDChem\4\DATA\D093020\D0930024.D

CT ETPH DISCRIMINATION CHECK

Data File Name D0930024.D
Data File Path C:\MSDChem\4\DATA\D093020\
Operator RDD
Date Acquired 9/30/1920 12:00
Acq. Method File EPH11D.M
Sample Name ETPH 1500
Instrument Name GCFID4

Name	Ret Time	Target Response	Average Response	*%D+/-20
C-9	1.57	7032359	8091552	13
C-10	2.23	7244332	8091552	10
C-12	3.18	7496383	8091552	7
C-14	3.90	7630430	8091552	6
C-16	4.52	7910272	8091552	2
C-18	5.07	8160373	8091552	-1
C-20	5.68	8207689	8091552	-1
C-22	6.43	8403903	8091552	-4
C-24	7.28	8547081	8091552	-6
C-26	8.09	8616739	8091552	-6
C-28	8.84	8686816	8091552	-7
C-30	9.52	8590472	8091552	-6
C-32	10.16	8379632	8091552	-4
C-34	10.76	8329487	8091552	-3
C-36	11.35	8137318	8091552	-1

Samples

20I1321-04
20I1321-07
20I1321-06
20I1321-05
20I1321-02
20I1321-01
20I1305-06
20I1305-02
20I1305-04

*One compound allowed %D</=50%

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: Simsbury, CT

Project Number: 20I1305

Laboratory Sample ID(s):
20I1305-01 thru 20I1305-06

Sample Date(s):
09/24/2020

List RCP Methods Used:
CTDEP ETPH, SW-846 8260C-D

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 CTDEP 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 and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
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 ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☐ Yes ☑ No
5B	Were these reporting limits met?	☐ 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 this 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.

Lisa A. Worthington

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: Lisa Worthington **Position:** Technical Representative

Printed Name: Lisa A. Worthington **Date:** 10/01/20

Name of Laboratory: Con-Test Analytical Laboratory

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