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 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:

- 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: Primary Recipient*: Remediation Program (* required)

For Remediation documents:	For 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 Hopemeadow 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*: LUST Document Type
Date of Document*: 5/28/2021 Version: Final

Part IV: Submitter Information

Name*: Lynn Willey
E-mail*: lynn.e.willey@eversource.com
Name of company/business this document is being submitted on behalf of: *
The Connnecticut Light and Power Company dba Eversource Energy

May 28, 2021

Mr. Jan Czeczotka
Bureau of Water Protection and Land Reuse
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. Czeczotka:

Groundwater Report – 1st Quarter 2021
Former Simsbury Area Work Center (Rem ID #4943)
34 Hopmeadow Street, Simsbury, CT

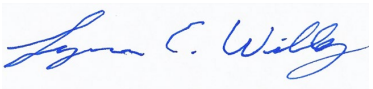
The Connecticut Light and Power Company dba Eversource Energy (Eversource) herein submits quarterly groundwater data for the Former Simsbury Area Work Center.

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 thirteen (13) monitoring wells including MW-CCA-5, MW-2A, MW-6, MW-10, MW-11A, MW-101, MW-102, MW-202, MW-203, MW-310, MW-T3, MW-T6 and MW-TRW-1 and analyzed for extractable total petroleum hydrocarbons (ETPH). A sample could not be collected from monitoring well MW-4R as planned because this well was dry. A duplicate groundwater sample (DUP-1) was collected for quality assurance/ quality control (QA/QC) purposes.

As indicated in the enclosed laboratory analytical data report, ETPH was detected above the Remediation Standard Regulations (RSRs) Groundwater Protection Criteria (GWPC) and Surface Water Protection Criteria (SWPC) in five wells including MW-T3, MW-101, MW-102, MW-310, and MW-TRW-1. ETPH was detected at concentrations above the proposed Groundwater Volatilization Criteria (GWVC) in MW-TRW-1 and MW-101 within 10 feet of the ground surface. However, additional groundwater analysis is needed to evaluate the volatile petroleum components of the ETPH detections in groundwater to determine the applicability of the GWVC at the site.

If you have any questions regarding this submittal, please call me at (860)-304-1888 or email me at lynn.e.willey@eversource.com.

Sincerely,



Lynn E. Willey, LEP, P.G.
Senior Environmental Specialist – Remediation
Eversource Energy Services Company

Enclosure: Laboratory Analytical Testing Results

Cc: Drew Blicharz- Eversource
Jeff Willson -Weston & Sampson

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April 7, 2021

Laura Yellen
Weston & Sampson
712 Brook Street, Suite 103
Rocky Hill, CT 06067

Project Location: Simsbury, CT
Client Job Number:
Project Number: 2180209
Laboratory Work Order Number: 21C1462

Enclosed are results of analyses for samples received by the laboratory on March 29, 2021. 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
712 Brook Street, Suite 103
Rocky Hill, CT 06067
ATTN: Laura Yellen

REPORT DATE: 4/7/2021

PURCHASE ORDER NUMBER: 10908492

PROJECT NUMBER: 2180209

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 21C1462

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

PROJECT LOCATION: Simsbury, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-T3	21C1462-01	Ground Water		CTDEP ETPH	
MW-T6	21C1462-02	Ground Water		CTDEP ETPH	
MW-101	21C1462-03	Ground Water		CTDEP ETPH	
MW-102	21C1462-04	Ground Water		CTDEP ETPH	
MW-310	21C1462-05	Ground Water		CTDEP ETPH	
MW-202	21C1462-06	Ground Water		CTDEP ETPH	
MW-203	21C1462-07	Ground Water		CTDEP ETPH	
MW-6	21C1462-08	Ground Water		CTDEP ETPH	
MW-10	21C1462-09	Ground Water		CTDEP ETPH	
MW-11A	21C1462-10	Ground Water		CTDEP ETPH	
MW-2a	21C1462-11	Ground Water		CTDEP ETPH	
CCA-5	21C1462-12	Ground Water		CTDEP ETPH	
MW-TRW-1	21C1462-13	Ground Water		CTDEP ETPH	
DUP-1	21C1462-14	Ground Water		CTDEP ETPH	

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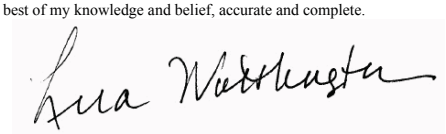
CASE NARRATIVE SUMMARY

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

The results of analyses reported only relate to samples submitted to Con-Test, a Pace 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

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Project Location: Simsbury, CT | Sample Description: | Work Order: 21C1462

Date Received: 3/29/2021

Field Sample #: MW-T3 | Sampled: 3/29/2021 10:45

Sample ID: 21C1462-01

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	2.9	0.15	mg/L	1		CTDEP ETPH	4/3/21	4/5/21 16:56	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	70.9	50-150		4/5/21 16:56

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Project Location: Simsbury, CT | Sample Description: | Work Order: 21C1462

Date Received: 3/29/2021

Field Sample #: MW-T6 | Sampled: 3/29/2021 09:50

Sample ID: 21C1462-02

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.14	mg/L	1		CTDEP ETPH	4/5/21	4/6/21 16:20	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	59.8	50-150		4/6/21 16:20

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Project Location: Simsbury, CT
Sample Description:
Work Order: 21C1462
Date Received: 3/29/2021
Field Sample #: MW-101
Sampled: 3/29/2021 12:20
Sample ID: 21C1462-03
Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.32	0.14	mg/L	1		CTDEP ETPH	4/3/21	4/5/21 23:07	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	91.9	50-150		4/5/21 23:07

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Project Location: Simsbury, CT | Sample Description: | Work Order: 21C1462

Date Received: 3/29/2021

Field Sample #: MW-102 | Sampled: 3/29/2021 11:00

Sample ID: 21C1462-04

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.36	0.14	mg/L	1		CTDEP ETPH	4/3/21	4/5/21 21:45	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	77.2	50-150		4/5/21 21:45

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Project Location: Simsbury, CT | Sample Description: | Work Order: 21C1462

Date Received: 3/29/2021

Field Sample #: MW-310 | Sampled: 3/29/2021 11:40

Sample ID: 21C1462-05

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	8.1	1.5	mg/L	10		CTDEP ETPH	4/3/21	4/6/21 14:58	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	85.6	50-150		4/6/21 14:58

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Project Location: Simsbury, CT
Sample Description:
Work Order: 21C1462

Date Received: 3/29/2021

Field Sample #: MW-202
Sampled: 3/29/2021 13:30

Sample ID: 21C1462-06

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	0.21	0.14	mg/L	1		CTDEP ETPH	4/3/21	4/5/21 22:05	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	74.3	50-150		4/5/21 22:05

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Project Location: Simsbury, CT | Sample Description: | Work Order: 21C1462

Date Received: 3/29/2021

Field Sample #: MW-203 | Sampled: 3/29/2021 15:00

Sample ID: 21C1462-07

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.15	mg/L	1		CTDEP ETPH	4/3/21	4/5/21 21:45	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	66.8	50-150		4/5/21 21:45

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Project Location: Simsbury, CT
Sample Description:
Work Order: 21C1462

Date Received: 3/29/2021

Field Sample #: MW-6
Sampled: 3/29/2021 11:30

Sample ID: 21C1462-08

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.14	mg/L	1		CTDEP ETPH	4/3/21	4/5/21 22:05	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	69.4	50-150		4/5/21 22:05

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Project Location: Simsbury, CT
Sample Description:
Work Order: 21C1462

Date Received: 3/29/2021

Field Sample #: MW-10
Sampled: 3/29/2021 13:25

Sample ID: 21C1462-09

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.15	mg/L	1		CTDEP ETPH	4/3/21	4/5/21 22:26	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	71.8	50-150		4/5/21 22:26

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Project Location: Simsbury, CT
Sample Description:
Work Order: 21C1462

Date Received: 3/29/2021

Field Sample #: MW-11A
Sampled: 3/29/2021 12:55

Sample ID: 21C1462-10

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.15	mg/L	1		CTDEP ETPH	4/3/21	4/5/21 22:47	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	65.7	50-150		4/5/21 22:47

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Project Location: Simsbury, CT
Sample Description:
Work Order: 21C1462

Date Received: 3/29/2021

Field Sample #: MW-2a
Sampled: 3/29/2021 14:25

Sample ID: 21C1462-11

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.15	mg/L	1		CTDEP ETPH	4/3/21	4/5/21 23:07	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	76.9	50-150		4/5/21 23:07

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Project Location: Simsbury, CT | Sample Description: | Work Order: 21C1462

Date Received: 3/29/2021

Field Sample #: CCA-5 | Sampled: 3/29/2021 10:50

Sample ID: 21C1462-12

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.14	mg/L	1		CTDEP ETPH	4/3/21	4/6/21 14:58	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
2-Fluorobiphenyl	70.0	50-150					4/6/21 14:58

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Project Location: Simsbury, CT | Sample Description: | Work Order: 21C1462

Date Received: 3/29/2021

Field Sample #: MW-TRW-1 | Sampled: 3/29/2021 14:20

Sample ID: 21C1462-13

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	1.1	0.15	mg/L	1		CTDEP ETPH	4/3/21	4/5/21 22:47	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	73.8	50-150		4/5/21 22:47

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Project Location: Simsbury, CT | Sample Description: | Work Order: 21C1462

Date Received: 3/29/2021

Field Sample #: DUP-1 | Sampled: 3/29/2021 10:45

Sample ID: 21C1462-14

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.15	mg/L	1		CTDEP ETPH	4/3/21	4/6/21 16:40	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
2-Fluorobiphenyl	56.1	50-150				4/6/21 16:40	

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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
21C1462-01 [MW-T3]	B279386	1010	1.00	04/03/21
21C1462-03 [MW-101]	B279386	980	0.900	04/03/21
21C1462-04 [MW-102]	B279386	990	0.900	04/03/21
21C1462-05 [MW-310]	B279386	1010	1.00	04/03/21
21C1462-06 [MW-202]	B279386	1050	1.00	04/03/21
21C1462-07 [MW-203]	B279386	1010	1.00	04/03/21
21C1462-08 [MW-6]	B279386	990	0.900	04/03/21
21C1462-09 [MW-10]	B279386	1000	1.00	04/03/21
21C1462-10 [MW-11A]	B279386	1000	1.00	04/03/21
21C1462-11 [MW-2a]	B279386	1000	1.00	04/03/21
21C1462-12 [CCA-5]	B279386	950	0.900	04/03/21
21C1462-13 [MW-TRW-1]	B279386	1030	1.00	04/03/21
21C1462-14 [DUP-1]	B279386	1000	1.00	04/03/21

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
21C1462-02 [MW-T6]	B279410	990	0.900	04/05/21

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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 B279386 - SW-846 3510C										
Blank (B279386-BLK1)				Prepared: 04/03/21 Analyzed: 04/05/21						
CT ETPH	ND	0.15	mg/L							
Surrogate: 2-Fluorobiphenyl	*0.0643*		mg/L	0.100		64.3	50-150			
LCS (B279386-BS1)				Prepared: 04/03/21 Analyzed: 04/05/21						
CT ETPH	0.718	0.15	mg/L	1.00		71.8	60-120			
Surrogate: 2-Fluorobiphenyl	*0.0657*		mg/L	0.100		65.7	50-150			
LCS Dup (B279386-BSD1)				Prepared: 04/03/21 Analyzed: 04/05/21						
CT ETPH	0.727	0.15	mg/L	1.00		72.7	60-120	1.19	30	
Surrogate: 2-Fluorobiphenyl	*0.0665*		mg/L	0.100		66.5	50-150			
Batch B279410 - SW-846 3510C										
Blank (B279410-BLK1)				Prepared: 04/05/21 Analyzed: 04/06/21						
CT ETPH	ND	0.15	mg/L							
Surrogate: 2-Fluorobiphenyl	*0.0736*		mg/L	0.100		73.6	50-150			
LCS (B279410-BS1)				Prepared: 04/05/21 Analyzed: 04/06/21						
CT ETPH	0.691	0.15	mg/L	1.00		69.1	60-120			
Surrogate: 2-Fluorobiphenyl	*0.0660*		mg/L	0.100		66.0	50-150			
LCS Dup (B279410-BSD1)				Prepared: 04/05/21 Analyzed: 04/06/21						
CT ETPH	0.746	0.15	mg/L	1.00		74.6	60-120	7.66	30	
Surrogate: 2-Fluorobiphenyl	*0.0719*		mg/L	0.100		71.9	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.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
CTDEP ETPH in Water	
CT ETPH	CT

Con-Test, a Pace 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-0165	12/31/2022
NY	New York State Department of Health	10899 NELAP	04/1/2022
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2022
RI	Rhode Island Department of Health	LAO00112	12/30/2021
NC	North Carolina Div. of Water Quality	652	12/31/2021
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	LL720741	07/30/2021
ME	State of Maine	MA00100	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2021
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

con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
39 Spruce Street
East Longmeadow, MA 01028

21C1462 CHAIN OF CUSTODY RECORD

Page 1 of 2

Company Name:	Weston & Sampson - (for Eversource Energy)
Address:	712 Brook Street, Rocky Hill, CT 06067
Phone:	(860) 513-1473
Project Name:	Simsbury AWC
Project Location:	Simsbury, CT
Project Number:	Client PO = 10908492
Project Manager:	Laura Yellen
Con-Test Bid:	n/a
Invoice Recipient:	Weston & Sampson (Laura Yellen)
Sampled By:	Will Sirotnak

Requested Turnaround Time
7-Day ☐ 10-Day ☐
Other: ☐ 5-7 Bus. Days ☑

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: yellenl@wseinc.com
Fax To #: willsonj@wseinc.com

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	~~VOCs (8260)~~	PAHs *1	CT ETPH	# of Containers
01	MW-T3	3/29/21	1045		X	GW	U			X	2
02	MW-T6		950							X	
03	MW-101		1220							X	
04	MW-102		1100							X	
05	MW-310		1140							X	
06	MW-202		1330							X	
07	MW-203		1500							X	
08	MW-6		1130							X	
09	MW-10		1325							X	
10	MW-11A		1255							X	

[2] Preservation Code: I
[3] Container Code: V, A, A

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
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)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments: (1) Please bill Weston & Sampson directly.

*1 ~~Run all PAH samples using SIM method at low detection limits~~. Eversource PO# 10908492

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

Relinquished by: (signature)	3/29/21	Date/Time:
Received by: (signature)		Date/Time:
Relinquished by: (signature)		Date/Time: 3/29/21 5:45
Received by: (signature)	5.6, 5.5	Date/Time:
Relinquished by: (signature)		Date/Time: 3/29/21 1745
Received by: (signature)		Date/Time:

Detection Limit Requirements
MA
CT CTDEEP RSRs (includes RES DEC & GA PMC)
Other:

Program Information
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID # _____

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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con-test ANALYTICAL LABORATORY

Phone: 413-525-2332 21C1462 CHAIN OF CUSTODY RECORD
Fax: 413-525-6405
Email: info@contestlabs.com

39 Spruce Street
East Longmeadow, MA 01028

Page 2 of 2

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Project Location:	Simsbury, CT
Project Number:	Client PO = 10908492
Project Manager:	Laura Yellen
Con-Test Bid:	n/a
Invoice Recipient:	Weston & Sampson (Laura Yellen)
Sampled By:	Will Sirotnak

Requested Turnaround Time
7-Day ☐ 10-Day ☐
Other: ☐ 5-7 Bus. Days ☑

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: yellenl@wseinc.com
Fax To #: willsonj@wseinc.com

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	VOCs (8260)	PAH	CT ETPH								
										2								
										I								
										A								
11	MW-2a	3/29/21	1425		X	GW	U			X								
12	CCA-5	↓	1050		↓	↓	↓			X								
13	MW-TRW-1	↓	1420		↓	↓	↓			X								
14	DUP-1	↓	—		↓	↓	↓			X								

ANALYSIS REQUESTED

# of Containers
[2] Preservation Code
[3] Container Code

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
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[3] **Container Codes:**
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O = Other (please define)

Comments: (1) Please bill Weston & Sampson directly.

*1 - ~~Run all PAH samples using SIM method at low detection limits~~. Eversource PO# 10908492

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

Relinquished by: (signature)	Date/Time:
[signature] 3/29/21	
Received by: (signature) [signature] 3/29/21	Date/Time: 5:01
Relinquished by: (signature) [signature] 3/29/21	Date/Time: 5:45
Received by: (signature) [signature] 5.6, 5.5	Date/Time: 3/29/21 1745
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT CTDEEP RSRs (includes RES DEC & GA PMC)
Other:

Program Information
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID # _____

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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 Weston & Sampson

Received By PLF Date 3/29/24 Time 1745

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 # 3 Actual Temp - 5.6, 5.5°C
By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? NA Were Samples Tampered with? NA
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 Who was notified? _____
Are there Rushes? F Who was notified? _____
Are there Short Holds? F Who was notified? _____
Is there enough Volume? T
Is there Headspace where applicable? NA MS/MSD? F
Proper Media/Containers Used? T Is splitting samples required? F
Were trip blanks received? F On COC? F
Do all samples have the proper pH? Acid NA Base NA

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.	28	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-		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:

C:\MSDChem\2\DATA\B040521.SEC\B0405007.D

CT ETPH Discrimination Check

Data File Name B0405007.D
Data File Path C:\MSDChem\2\DATA\B040521.SEC\
Operator RDD
Date Acquired 4/5/1921 14:12
Acq. Method File EPH04.M
Sample Name ETPH 1500
Instrument Name GCFID2

Name	Ret Time	Target Response	Average Response	*%D+/-20
n-Nonane	1.57	8024001	8726298	8
n-Decane	2.24	8227501	8726298	6
n-Dodecane	3.18	8428562	8726298	3
n-Tetradecane	3.89	8488395	8726298	3
n-Hexadecane	4.50	8750491	8726298	0
n-Octadecane	5.04	8916814	8726298	-2
n-Eicosane	5.63	8885605	8726298	-2
n-Docosane	6.35	8960932	8726298	-3
n-Tetracosane	7.18	9079854	8726298	-4
n-Hexacosane	7.98	9012289	8726298	-3
n-Octacosane	8.72	9103967	8726298	-4
n-Triacontane	9.40	9016940	8726298	-3
n-Dotriacontane	10.03	8802581	8726298	-1
n-Tetratriacontane	10.62	8688775	8726298	0
n-Hexatriacontane	11.18	8507762	8726298	3

Samples

*One compound allowed %D</=50

21C1462-01

C:\MSDChem\2\DATA\B040521.SEC\B0405047.D

CT ETPH Discrimination Check

Data File Name B0405047.D
Data File Path C:\MSDChem\2\DATA\B040521.SEC\
Operator RDD
Date Acquired 4/5/1921 21:04
Acq. Method File EPH04.M
Sample Name ETPH 1500
Instrument Name GCFID2

Name	Ret Time	Target Response	Average Response	*%D+/-20
n-Nonane	1.57	8457573	9136728	7
n-Decane	2.24	8662087	9136728	5
n-Dodecane	3.18	8842277	9136728	3
n-Tetradecane	3.89	8890998	9136728	3
n-Hexadecane	4.50	9124839	9136728	0
n-Octadecane	5.04	9304799	9136728	-2
n-Eicosane	5.63	9280378	9136728	-2
n-Docosane	6.35	9379088	9136728	-3
n-Tetracosane	7.17	9501810	9136728	-4
n-Hexacosane	7.98	9437632	9136728	-3
n-Octacosane	8.72	9544068	9136728	-4
n-Triacontane	9.40	9448832	9136728	-3
n-Dotriacontane	10.03	9219842	9136728	-1
n-Tetratriacontane	10.62	9084018	9136728	1
n-Hexatriacontane	11.18	8872680	9136728	3

Samples

*One compound allowed %D</=50

21C1462-07
21C1462-08
21C1462-09
21C1462-10
21C1462-11

C:\MSDChem\2\DATA\B040521\B0405046.D

CT ETPH Discrimination Check

Data File Name B0405046.D
Data File Path C:\MSDChem\2\DATA\B040521\
Operator RDD
Date Acquired 4/5/1921 20:43
Acq. Method File EPH04.M
Sample Name ETPH 1500
Instrument Name GCFID2

Name	Ret Time	Target Response	Average Response	*%D+/-20
n-Nonane	1.68	8538478	9744831	12
n-Decane	2.31	8888067	9744831	9
n-Dodecane	3.25	9193364	9744831	6
n-Tetradecane	3.97	9385793	9744831	4
n-Hexadecane	4.58	9760179	9744831	0
n-Octadecane	5.13	10011368	9744831	-3
n-Eicosane	5.75	10013094	9744831	-3
n-Docosane	6.50	10150089	9744831	-4
n-Tetracosane	7.34	10309049	9744831	-6
n-Hexacosane	8.15	10234335	9744831	-5
n-Octacosane	8.88	10323665	9744831	-6
n-Triacontane	9.57	10193242	9744831	-5
n-Dotriacontane	10.20	9912739	9744831	-2
n-Tetratriacontane	10.80	9746631	9744831	0
n-Hexatriacontane	11.40	9512370	9744831	2

Samples

*One compound allowed %D</=50

21C1462-04
21C1462-06
21C1462-13
21C1462-03

C:\MSDChem\2\DATA\B040621.SEC\B0406007.D

CT ETPH Discrimination Check

Data File Name B0406007.D
Data File Path C:\MSDCHEM\2\DATA\B040621.SEC\
Operator RDD
Date Acquired 4/6/1921 14:10
Acq. Method File EPH04.M
Sample Name ETPH 1500
Instrument Name GCFID2

Name	Ret Time	Target Response	Average Response	*%D+/-20
n-Nonane	1.57	8726936	9547281	9
n-Decane	2.24	9025800	9547281	5
n-Dodecane	3.18	9226553	9547281	3
n-Tetradecane	3.89	9256544	9547281	3
n-Hexadecane	4.50	9511248	9547281	0
n-Octadecane	5.04	9704267	9547281	-2
n-Eicosane	5.63	9672971	9547281	-1
n-Docosane	6.35	9785295	9547281	-2
n-Tetracosane	7.18	9905760	9547281	-4
n-Hexacosane	7.98	9846354	9547281	-3
n-Octacosane	8.72	9981421	9547281	-5
n-Triacontane	9.40	9923104	9547281	-4
n-Dotriacontane	10.03	9710436	9547281	-2
n-Tetratriacontane	10.62	9577618	9547281	0
n-Hexatriacontane	11.18	9354901	9547281	2

Samples

*One compound allowed %D</=50

21C1462-12
21C1462-02
21C1462-14

C:\MSDCHEM\2\DATA\B040621\B0406006.D

CT ETPH Discrimination Check

Data File Name B0406006.D
Data File Path C:\MSDCHEM\2\DATA\B040621\
Operator RDD
Date Acquired 4/6/1921 13:49
Acq. Method File EPH04.M
Sample Name ETPH 1500
Instrument Name GCFID2

Name	Ret Time	Target Response	Average Response	*%D+/-20
n-Nonane	1.68	7977743	8958913	11
n-Decane	2.31	8285506	8958913	8
n-Dodecane	3.25	8525175	8958913	5
n-Tetradecane	3.97	8632629	8958913	4
n-Hexadecane	4.58	8972957	8958913	0
n-Octadecane	5.13	9190304	8958913	-3
n-Eicosane	5.75	9186575	8958913	-3
n-Docosane	6.51	9334672	8958913	-4
n-Tetracosane	7.35	9439518	8958913	-5
n-Hexacosane	8.15	9345859	8958913	-4
n-Octacosane	8.89	9441176	8958913	-5
n-Triacontane	9.57	9311963	8958913	-4
n-Dotriacontane	10.21	9076150	8958913	-1
n-Tetratriacontane	10.80	8914927	8958913	0
n-Hexatriacontane	11.40	8748546	8958913	2

Samples

*One compound allowed %D</=50

21C1462-05@10X

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test, a Pace Analytical Laboratory

Client: Weston & Sampson

Project Location: Simsbury, CT

Project Number: 21C1462

Laboratory Sample ID(s):

21C1462-01 thru 21C1462-14

Sample Date(s):

03/29/2021

List RCP Methods Used:

CTDEP 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 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:** 04/07/21

Name of Laboratory: Con-Test, a Pace Analytical Laboratory

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