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*: 10/26/2023 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

October 26, 2023

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

Reference: 1) Letter, J. Willson to C. Quinn, dated April 27, 2023.
2) Letter (C11330), M. Harder to R. Zaklukiewicz, dated February 26, 2002.

Dear Ms. Quinn:

Groundwater Report – 3rd Quarter 2023
Former Simsbury Area Work Center (Rem ID #4943)
34 Hopmeadow Street, Simsbury, CT

The Connecticut Light and Power Company dba Eversource Energy 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 (LEP) 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 monitoring wells including CCA-3, MW-6, MW-101, and MW-102, and analyzed for various parameters. A trip blank was submitted for quality assurance/quality control (QA/QC) purposes. A groundwater sample could not be collected from MW-4R because there was insufficient water inside the well. As indicated in the enclosed laboratory analytical data report, concentrations of extractable total petroleum hydrocarbon (ETPH) were detected above the Groundwater Protection Criteria (GWPC) and Surface Water Protection Criteria (SWPC) of 250 milligrams per liter in samples collected from monitoring well MW-102.

In addition, post-remediation groundwater monitoring continued for Area of Potential Environmental Concern #4. Groundwater samples were collected from monitoring wells MW-400, MW-401, MW-402, and MW-403, and analyzed for ETPH. ETPH was not detected as indicated in the enclosed laboratory analytical data report. A duplicate sample from MW-403 was submitted for quality assurance/quality control (QA/QC) purposes.

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 Willson, LEP, Weston & Sampson

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

September 27, 2023

Laura Willson
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: 23I2625

Enclosed are results of analyses for samples as received by the laboratory on September 20, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Rebecca Faust
Project Manager

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

REPORT DATE: 9/27/2023

PURCHASE ORDER NUMBER: 11003487

PROJECT NUMBER: 2180209

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23I2625

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-400	23I2625-01	Ground Water		CTDEP ETPH	
MW-401	23I2625-02	Ground Water		CTDEP ETPH	
MW-402	23I2625-03	Ground Water		CTDEP ETPH	
MW-403	23I2625-04	Ground Water		CTDEP ETPH	
DUP-1	23I2625-05	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.



Meghan E. Kelley
Reporting Specialist

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Project Location: Simsbury, CT | Sample Description: | Work Order: 23I2625

Date Received: 9/20/2023

Field Sample #: MW-400 | Sampled: 9/19/2023 09:40

Sample ID: 23I2625-01

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.19	mg/L	1		CTDEP ETPH	9/21/23	9/23/23 5:10	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	64.7	50-150		9/23/23 5:10

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Project Location: Simsbury, CT | Sample Description: | Work Order: 23I2625

Date Received: 9/20/2023

Field Sample #: MW-401 | Sampled: 9/19/2023 10:45

Sample ID: 23I2625-02

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.19	mg/L	1		CTDEP ETPH	9/21/23	9/26/23 22:02	GJB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	68.6	50-150		9/26/23 22:02

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Project Location: Simsbury, CT | Sample Description: | Work Order: 23I2625

Date Received: 9/20/2023

Field Sample #: MW-402 | Sampled: 9/19/2023 10:15

Sample ID: 23I2625-03

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.20	mg/L	1		CTDEP ETPH	9/21/23	9/23/23 5:30	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
2-Fluorobiphenyl	66.7	50-150				9/23/23 5:30	

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Project Location: Simsbury, CT | Sample Description: | Work Order: 23I2625

Date Received: 9/20/2023

Field Sample #: MW-403 | Sampled: 9/19/2023 11:00

Sample ID: 23I2625-04

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.19	mg/L	1		CTDEP ETPH	9/21/23	9/23/23 5:51	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	75.9	50-150		9/23/23 5:51

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Project Location: Simsbury, CT | Sample Description: | Work Order: 23I2625

Date Received: 9/20/2023

Field Sample #: DUP-1 | Sampled: 9/19/2023 00:00

Sample ID: 23I2625-05

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.19	mg/L	1		CTDEP ETPH	9/21/23	9/23/23 6:11	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	70.6	50-150		9/23/23 6:11

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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
23I2625-01 [MW-400]	B352581	1040	1.00	09/21/23
23I2625-02 [MW-401]	B352581	1060	1.00	09/21/23
23I2625-03 [MW-402]	B352581	1020	1.00	09/21/23
23I2625-04 [MW-403]	B352581	1060	1.00	09/21/23
23I2625-05 [DUP-1]	B352581	1060	1.00	09/21/23

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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 B352581 - SW-846 3510C										
Blank (B352581-BLK1)				Prepared: 09/21/23 Analyzed: 09/22/23						
CT ETPH	ND	0.20	mg/L							
Surrogate: 2-Fluorobiphenyl	*0.0622*		mg/L	0.100		62.2	50-150			
LCS (B352581-BS1)				Prepared: 09/21/23 Analyzed: 09/22/23						
CT ETPH	0.640	0.20	mg/L	1.00		64.0	60-120			
Surrogate: 2-Fluorobiphenyl	*0.0711*		mg/L	0.100		71.1	50-150			
LCS Dup (B352581-BSD1)				Prepared: 09/21/23 Analyzed: 09/22/23						
CT ETPH	0.643	0.20	mg/L	1.00		64.3	60-120	0.430	30	
Surrogate: 2-Fluorobiphenyl	*0.0684*		mg/L	0.100		68.4	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
CT	Connecticut Department of Public Health	PH-0821	12/31/2024

23I2625 RF

Pace Analytical

Phone: 413-525-2332
Fax: 413-525-6405
Access COC's and Support Requests

http://www.pacelabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 5_07/13/2021

Page 1 of 1

Company Name: Weston + SAMPSON
Address:
Phone:

Project Name: Eversource - Simsbury AWC
Project Location: Simsbury CT
Project Number:
Project Manager: Laura Willson
Pace Quote Name/Number:
Invoice Recipient: Drew Blicharz - Eversource
Sampled By: Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
PFAS 10-Day (std) ☐ Due Date:

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

Data Delivery
Format: PDF ☑ EXCEL ☑
Other: Willson. laura
CLP Like Data Pkg Required: ☐
Email To: Willson.laura@wseinc.com
Fax To #:

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

PCB ONLY
SOXHLET ☐
NON SOXHLET ☐

ANALYSIS REQUESTED

Pace Work Order #	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	ETPH
	MW-400	9/19/23	0940	Grab	GW	U		2				X
	MW-401		1045					2				X
	MW-402		1015					2				X
	MW-403		1100					2				X
	Dup-1		—					2				X

Relinquished by: (signature) Date/Time: 9/20/23 1024
Received by: (signature) Date/Time: 9/20/23 1024
Relinquished by: (signature) Date/Time: 9/20/23 1510
Received by: (signature) Date/Time: 9/20/23 1510
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Client Comments: Invoice Drew Blicharz - drew.blicharz@eversource.com
PO# 1100348 7

Detection Limit Requirements
MA
CT
Other:

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☑ 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

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

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
*Pace Analytical 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)

Lab Comments:

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

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist
	Effective Date: 07/13/2023

Log In Back-Sheet

Client Weston and Sampson
Project Simsbury - AWC Eversource
MCP/RCP Required CT RCP
Deliverable Package Requirement RSRs
Location Simsbury CT
PWSID# (When Applicable) N/A
Arrival Method:
Courier ☒ Fed Ex ☐ Walk In ☐ Other ☐
Received By / Date / Time STM 9/20/23 1510
Back-Sheet By / Date / Time STM 9/20/23 1918
Temperature Method Gun #5
Temp ☒ < 6° C Actual Temperature 3.1, 2.4
Rush Samples: Yes / (No) Notify
Short Hold: Yes / (No) Notify

Notes regarding Samples/COC outside of SOP:

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

	True	False
Received on Ice	☒	☐
Received in Cooler	☒	☐
Custody Seal: DATE TIME	☐	☒
COC Relinquished	☒	☐
COC/Samples Labels Agree	☒	☐
All Samples in Good Condition	☒	☐
Samples Received within Holding Time	☒	☐
Is there enough Volume	☒	☐
Proper Media/Container Used	☒	☐
Splitting Samples Required	☐	☒
MS/MSD	☐	☒
Trip Blanks	☐	☒
Lab to Filters	☐	☒
COC Legible	☒	☐

COC Included: (Check all included)
Client ☒ Analysis ☒ Sampler Name ☒
Project ☒ IDs ☒ Collection Date/Time ☒

All Samples Proper pH: (N/A) ☐ ☐

Additional Container Notes

Note: West Virginia requires all samples to have their temperature taken. Note any outliers.

Qualtrax ID: 120836

Page 1 of 2

Pace ANALYTICAL SERVICES

DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist

Effective Date: 07/13/2023

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	Sample		
Soils Jars																					16oz Amb/Clear	(Circle Amb/Clear)	
																					8oz Amb/Clear		
																					4oz Amb/Clear		
																					2oz Amb/Clear		
Ambers													/			2	2	2	2	2	Unpreserved	1 Liter	
																					HCL		
																					Sulfuric		
																					Sulfuric	250mL	
																					Phosphoric		
																					HCl		
																					Unpreserved	100mL	
Plastics																					Unpreserved	1 Liter	
																					Sulfuric		
																					Unpreserved	500mL	
																					Sulfuric		
																					Unpreserved	250mL	
																					Trizma		
																					Sulfuric		
																					Nitric		
																					NaOH		
																					Ammonium Acetate		
																					NaOH/Zinc		
VOA Vials																					Unpreserved		
																					HCl		
																					MeOH		
																					D.I. Water		
																					BiSulfate		
Other / Fill in																					Col/Bact		

Qualtrax ID: 120836

Page 2 of 2

C:\MSDChem\4\DATA\D092223\D23F265068.D

CT ETPH Discrimination Check

Data File Name D23F265068.D
Data File Path C:\MSDChem\4\DATA\D092223\
Operator PJG
Date Acquired 9/23/1923 4:09
Acq. Method File EPH11D.M
Sample Name ETPH 1500
Instrument Name GCFID4

Name	Ret Time	Target Response	Average Response	*%D+/-20
C-9	1.68	8569941	10432086	18
C-10	2.33	9376597	10432086	10
C-12	3.29	9755878	10432086	6
C-14	4.01	10057998	10432086	4
C-16	4.62	10718540	10432086	-3
C-18	5.18	10967480	10432086	-5
C-20	5.82	11220178	10432086	-8
C-22	6.60	10949228	10432086	-5
C-24	7.45	10975480	10432086	-5
C-26	8.26	10907713	10432086	-5
C-28	9.00	10759988	10432086	-3
C-30	9.68	10785634	10432086	-3
C-32	10.32	10513865	10432086	-1
C-34	10.91	10568660	10432086	-1
C-36	11.48	10354110	10432086	1

Samples
23I2625-01
23I2625-03
23I2625-04
23I2011-01
23I2011-02

*One compound allowed %D</=50

C:\MSDChem\4\DATA\D092623\D23F269042.D

CT ETPH Discrimination Check

Data File Name D23F269042.D
Data File Path C:\MSDChem\4\DATA\D092623\
Operator PJG
Date Acquired 9/26/1923 17:49
Acq. Method File EPH11D.M
Sample Name ETPH 1500
Instrument Name GCFID4

Name	Ret Time	Target Response	Average Response	*%D+/-20
C-9	1.68	6475079	7793322	17
C-10	2.34	6879018	7793322	12
C-12	3.29	7156424	7793322	8
C-14	4.01	7460895	7793322	4
C-16	4.62	7982710	7793322	-2
C-18	5.18	8191990	7793322	-5
C-20	5.82	8419481	7793322	-8
C-22	6.60	8238565	7793322	-6
C-24	7.45	8274391	7793322	-6
C-26	8.25	8240893	7793322	-6
C-28	8.99	8094071	7793322	-4
C-30	9.68	8056182	7793322	-3
C-32	10.31	7832259	7793322	0
C-34	10.91	7870666	7793322	-1
C-36	11.47	7727206	7793322	1

Samples

23I2625-02
23I2586-01
23I0790-01@SPLP
23I0795-02
23I2623-01RE1@5X RR

*One compound allowed %D</=50

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Pace New England

Client: Weston & Sampson

Project Location: Simsbury, CT

Project Number: 23I2625

Laboratory Sample ID(s):
23I2625-01 thru 23I2625-05

Sample Date(s):
09/19/2023

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.

Meghan E. Kelley

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: Meghan E. Kelley **Position:** **Reporting Specialist**

Printed Name: **Meghan E. Kelley** **Date:** **09/27/23**

Name of Laboratory: **Pace New England**

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

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September 29, 2023

Laura Willson
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: 23I2626

Enclosed are results of analyses for samples as received by the laboratory on September 20, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Rebecca Faust
Project Manager

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

REPORT DATE: 9/29/2023

PURCHASE ORDER NUMBER: 11003487

PROJECT NUMBER: 2180209

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23I2626

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
CCA-3	23I2626-01	Ground Water		SW-846 8270E	
MW-6	23I2626-02	Ground Water		CTDEP ETPH	
MW-101	23I2626-03	Ground Water		CTDEP ETPH	
MW-102	23I2626-04	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.

For method 8270E, only PAHs were requested and reported.

SW-846 8270E

Qualifications:

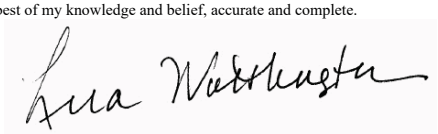
V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Indeno(1,2,3-cd)pyrene (SIM)
23I2626-01[CCA-3], B353229-BLK1, B353229-BS1, B353229-BSD1, S094025-CCV1

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: 23I2626

Date Received: 9/20/2023

Field Sample #: CCA-3 | Sampled: 9/19/2023 13:40

Sample ID: 23I2626-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene (SIM)	ND	0.30	µg/L	1		SW-846 8270E	9/22/23	9/26/23 12:17	AYH
Acenaphthylene (SIM)	ND	0.20	µg/L	1		SW-846 8270E	9/22/23	9/26/23 12:17	AYH
Anthracene (SIM)	ND	0.20	µg/L	1		SW-846 8270E	9/22/23	9/26/23 12:17	AYH
Benzo(a)anthracene (SIM)	ND	0.050	µg/L	1		SW-846 8270E	9/22/23	9/26/23 12:17	AYH
Benzo(a)pyrene (SIM)	ND	0.099	µg/L	1		SW-846 8270E	9/22/23	9/26/23 12:17	AYH
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L	1		SW-846 8270E	9/22/23	9/26/23 12:17	AYH
Benzo(g,h,i)perylene (SIM)	ND	0.50	µg/L	1		SW-846 8270E	9/22/23	9/26/23 12:17	AYH
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L	1		SW-846 8270E	9/22/23	9/26/23 12:17	AYH
Chrysene (SIM)	ND	0.20	µg/L	1		SW-846 8270E	9/22/23	9/26/23 12:17	AYH
Dibenz(a,h)anthracene (SIM)	ND	0.099	µg/L	1		SW-846 8270E	9/22/23	9/26/23 12:17	AYH
Fluoranthene (SIM)	ND	0.50	µg/L	1		SW-846 8270E	9/22/23	9/26/23 12:17	AYH
Fluorene (SIM)	ND	0.99	µg/L	1		SW-846 8270E	9/22/23	9/26/23 12:17	AYH
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.099	µg/L	1	V-05	SW-846 8270E	9/22/23	9/26/23 12:17	AYH
2-Methylnaphthalene (SIM)	ND	0.99	µg/L	1		SW-846 8270E	9/22/23	9/26/23 12:17	AYH
Naphthalene (SIM)	ND	0.99	µg/L	1		SW-846 8270E	9/22/23	9/26/23 12:17	AYH
Phenanthrene (SIM)	ND	0.050	µg/L	1		SW-846 8270E	9/22/23	9/26/23 12:17	AYH
Pyrene (SIM)	ND	0.99	µg/L	1		SW-846 8270E	9/22/23	9/26/23 12:17	AYH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	52.1	30-130		9/26/23 12:17
2-Fluorobiphenyl	53.4	30-130		9/26/23 12:17
p-Terphenyl-d14	60.2	30-130		9/26/23 12:17

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Project Location: Simsbury, CT | Sample Description: | Work Order: 23I2626

Date Received: 9/20/2023

Field Sample #: MW-6 | Sampled: 9/19/2023 13:20

Sample ID: 23I2626-02

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.19	mg/L	1		CTDEP ETPH	9/26/23	9/27/23 20:54	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual				
2-Fluorobiphenyl	63.1	50-150				9/27/23 20:54	

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Project Location: Simsbury, CT
Sample Description:
Work Order: 23I2626

Date Received: 9/20/2023

Field Sample #: MW-101
Sampled: 9/19/2023 11:50

Sample ID: 23I2626-03

Sample Matrix: Ground Water

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	0.19	mg/L	1		CTDEP ETPH	9/26/23	9/27/23 21:55	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	65.4	50-150		9/27/23 21:55

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Project Location: Simsbury, CT | Sample Description: | Work Order: 23I2626

Date Received: 9/20/2023

Field Sample #: MW-102 | Sampled: 9/19/2023 14:10

Sample ID: 23I2626-04

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	0.20	mg/L	1		CTDEP ETPH	9/26/23	9/27/23 21:34	SFM

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorobiphenyl	68.2	50-150		9/27/23 21:34

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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
23I2626-02RE1 [MW-6]	B353055	1060	1.00	09/26/23
23I2626-03RE1 [MW-101]	B353055	1060	1.00	09/26/23
23I2626-04RE1 [MW-102]	B353055	1000	1.00	09/26/23

Prep Method:SW-846 3510C **Analytical Method:SW-846 8270E**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23I2626-01 [CCA-3]	B353229	1010	1.00	09/22/23

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B353229 - SW-846 3510C										
Blank (B353229-BLK1)				Prepared: 09/22/23 Analyzed: 09/26/23						
Acenaphthene (SIM)	ND	0.30	µg/L							
Acenaphthylene (SIM)	ND	0.20	µg/L							
Anthracene (SIM)	ND	0.20	µg/L							
Benzo(a)anthracene (SIM)	ND	0.050	µg/L							
Benzo(a)pyrene (SIM)	ND	0.10	µg/L							
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L							
Benzo(g,h,i)perylene (SIM)	ND	0.50	µg/L							
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L							
Chrysene (SIM)	ND	0.20	µg/L							
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L							
Fluoranthene (SIM)	ND	0.50	µg/L							
Fluorene (SIM)	ND	1.0	µg/L							
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L							V-05
2-Methylnaphthalene (SIM)	ND	1.0	µg/L							
Naphthalene (SIM)	ND	1.0	µg/L							
Phenanthrene (SIM)	ND	0.050	µg/L							
Pyrene (SIM)	ND	1.0	µg/L							
Surrogate: Nitrobenzene-d5	*60.5*		µg/L	100		60.5	30-130			
Surrogate: Nitrobenzene-d5 (SIM)	*62.3*		µg/L	100		62.3	30-130			
Surrogate: 2-Fluorobiphenyl	*55.0*		µg/L	100		55.0	30-130			
Surrogate: 2-Fluorobiphenyl (SIM)	*53.7*		µg/L	100		53.7	30-130			
Surrogate: p-Terphenyl-d14	*66.6*		µg/L	100		66.6	30-130			
Surrogate: p-Terphenyl-d14 (SIM)	*58.9*		µg/L	100		58.9	30-130			
LCS (B353229-BS1)				Prepared: 09/22/23 Analyzed: 09/26/23						
Acenaphthene (SIM)	34.2	6.0	µg/L	50.0		68.4	40-140			
Acenaphthylene (SIM)	35.2	4.0	µg/L	50.0		70.3	40-140			
Anthracene (SIM)	35.9	4.0	µg/L	50.0		71.7	40-140			
Benzo(a)anthracene (SIM)	36.1	1.0	µg/L	50.0		72.3	40-140			
Benzo(a)pyrene (SIM)	36.7	2.0	µg/L	50.0		73.4	40-140			
Benzo(b)fluoranthene (SIM)	37.8	1.0	µg/L	50.0		75.6	40-140			
Benzo(g,h,i)perylene (SIM)	36.5	10	µg/L	50.0		73.0	40-140			
Benzo(k)fluoranthene (SIM)	40.9	4.0	µg/L	50.0		81.8	40-140			
Chrysene (SIM)	37.9	4.0	µg/L	50.0		75.8	40-140			
Dibenz(a,h)anthracene (SIM)	38.0	2.0	µg/L	50.0		76.0	40-140			
Fluoranthene (SIM)	36.9	10	µg/L	50.0		73.8	40-140			
Fluorene (SIM)	37.3	20	µg/L	50.0		74.6	40-140			
Indeno(1,2,3-cd)pyrene (SIM)	35.3	2.0	µg/L	50.0		70.6	40-140			V-05
2-Methylnaphthalene (SIM)	31.3	20	µg/L	50.0		62.6	40-140			
Naphthalene (SIM)	28.0	20	µg/L	50.0		56.0	40-140			
Phenanthrene (SIM)	34.5	1.0	µg/L	50.0		69.0	40-140			
Pyrene (SIM)	35.6	20	µg/L	50.0		71.1	40-140			
Surrogate: Nitrobenzene-d5	*54.2*		µg/L	100		54.2	30-130			
Surrogate: Nitrobenzene-d5 (SIM)	*57.3*		µg/L	100		57.3	30-130			
Surrogate: 2-Fluorobiphenyl	*74.0*		µg/L	100		74.0	30-130			
Surrogate: 2-Fluorobiphenyl (SIM)	*78.8*		µg/L	100		78.8	30-130			
Surrogate: p-Terphenyl-d14	*85.7*		µg/L	100		85.7	30-130			
Surrogate: p-Terphenyl-d14 (SIM)	*92.3*		µg/L	100		92.3	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B353229 - SW-846 3510C										
LCS Dup (B353229-BSD1)				Prepared: 09/22/23 Analyzed: 09/26/23						
Acenaphthene (SIM)	33.3	6.0	µg/L	50.0		66.5	40-140	2.79	20	
Acenaphthylene (SIM)	34.2	4.0	µg/L	50.0		68.5	40-140	2.65	20	
Anthracene (SIM)	36.0	4.0	µg/L	50.0		72.0	40-140	0.334	20	
Benzo(a)anthracene (SIM)	35.9	1.0	µg/L	50.0		71.9	40-140	0.555	20	
Benzo(a)pyrene (SIM)	36.6	2.0	µg/L	50.0		73.2	40-140	0.273	20	
Benzo(b)fluoranthene (SIM)	37.3	1.0	µg/L	50.0		74.7	40-140	1.17	20	
Benzo(g,h,i)perylene (SIM)	36.5	10	µg/L	50.0		72.9	40-140	0.0548	20	
Benzo(k)fluoranthene (SIM)	41.6	4.0	µg/L	50.0		83.1	40-140	1.55	20	
Chrysene (SIM)	37.9	4.0	µg/L	50.0		75.8	40-140	0.0528	20	
Dibenz(a,h)anthracene (SIM)	37.7	2.0	µg/L	50.0		75.4	40-140	0.687	20	
Fluoranthene (SIM)	36.6	10	µg/L	50.0		73.3	40-140	0.761	20	
Fluorene (SIM)	35.3	20	µg/L	50.0		70.5	40-140	5.57	20	
Indeno(1,2,3-cd)pyrene (SIM)	35.1	2.0	µg/L	50.0		70.1	40-140	0.626	20	V-05
2-Methylnaphthalene (SIM)	29.3	20	µg/L	50.0		58.6	40-140	6.67	20	
Naphthalene (SIM)	26.4	20	µg/L	50.0		52.8	40-140	6.03	20	
Phenanthrene (SIM)	34.6	1.0	µg/L	50.0		69.2	40-140	0.290	20	
Pyrene (SIM)	35.8	20	µg/L	50.0		71.6	40-140	0.673	20	
Surrogate: Nitrobenzene-d5	*51.7*		µg/L	100		51.7	30-130			
Surrogate: Nitrobenzene-d5 (SIM)	*55.2*		µg/L	100		55.2	30-130			
Surrogate: 2-Fluorobiphenyl	*72.4*		µg/L	100		72.4	30-130			
Surrogate: 2-Fluorobiphenyl (SIM)	*78.1*		µg/L	100		78.1	30-130			
Surrogate: p-Terphenyl-d14	*82.0*		µg/L	100		82.0	30-130			
Surrogate: p-Terphenyl-d14 (SIM)	*87.1*		µg/L	100		87.1	30-130			

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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 B353055 - SW-846 3510C										
Blank (B353055-BLK1)				Prepared: 09/26/23 Analyzed: 09/27/23						
CT ETPH	ND	0.20	mg/L							
Surrogate: 2-Fluorobiphenyl	*0.0592*		mg/L	0.100		59.2	50-150			
LCS (B353055-BS1)				Prepared: 09/26/23 Analyzed: 09/28/23						
CT ETPH	0.689	0.20	mg/L	1.00		68.9	60-120			
Surrogate: 2-Fluorobiphenyl	*0.0733*		mg/L	0.100		73.3	50-150			
LCS Dup (B353055-BSD1)				Prepared: 09/26/23 Analyzed: 09/28/23						
CT ETPH	0.762	0.20	mg/L	1.00		76.2	60-120	10.2	30	
Surrogate: 2-Fluorobiphenyl	*0.0786*		mg/L	0.100		78.6	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.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Water	
CT ETPH	CT

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Department of Public Health	PH-0821	12/31/2024

23I2626 RF

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 5_07/13/2021

Page 1 of 1

Company Name: Weston + SAMPSON
Address: 7 Ln Brook St Rocky Hill
Phone: 860-513-1473
Project Name: Simsbury - AWC Eversource
Project Location: Simsbury, CT
Project Number:
Project Manager: Laura Wilson
Pace Quote Name/Number:
Invoice Recipient: Drew Blicharz - Eversource
Sampled By: Will Sirotnak

Requested Turnaround Time: 7-Day ☑ 10-Day ☐ PFAS 10-Day (std) ☐ Due Date:
Rush-Approval Required: 1-Day ☐ 3-Day ☐ 2-Day ☐ 4-Day ☐
Data Delivery: Format: PDF ☑ EXCEL ☑ Other: CLP Like Data Pkg Required: ☐ Email To: Wilson.laura@wseinc.com Fax To #: WSEINC.com
Dissolved Metals Samples: ○ Field Filtered ○ Lab to Filter
Orthophosphate Samples: ○ Field Filtered ○ Lab to Filter
PCB ONLY: SOXHLET ☐ NON SOXHLET ☐

ANALYSIS REQUESTED

#	Pace Work Order	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	ETPH	PAHs (Sim)
1		CCA-3	9/19/23	1340	Grab	GW	U	2	2					X
2		MW-6		1320					2				X	
3		MW-101		1150					2				X	
4		MW-102	↓	1410	↓	↓	↓		2				X	

Relinquished by: (signature) — Date/Time: 9/20/23 1024
Received by: (signature) — Date/Time: 9/20/23 1024
Relinquished by: (signature) — Date/Time: 9/20/23 1510
Received by: (signature) — Date/Time: 9/20/23 1510 3.1
Relinquished by: (signature) — Date/Time: 24
Received by: (signature) — Date/Time:
Relinquished by: (signature) — Date/Time:
Received by: (signature) — Date/Time:

Client Comments:
Invoice to Drew Blicharz Drew.Blicharz@Eversource.com
Eversource - PO# 1100348?

Detection Limit Requirements
MA
CT RSR

Special Requirements
☐ MA MCP Required
☐ MCP Certification Form Required
☑ CT RCP Required
☐ RCP Certification Form Required
☐ MA State DW Required
Other: 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

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

Lab Comments:

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

[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
*Pace Analytical 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)

Pace ANALYTICAL SERVICES

DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist

Effective Date: 07/13/2023

Sample																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
16oz Amb/Clear (Circle Amb/Clear) — Soils Jars																				
8oz Amb/Clear — Soils Jars																				
4oz Amb/Clear — Soils Jars																				
2oz Amb/Clear — Soils Jars																				
Unpreserved — 1 Liter — Ambers	2	2	2	2				1												
HCL — 1 Liter — Ambers																				
Sulfuric — 1 Liter — Ambers																				
Sulfuric — 250mL — Ambers																				
Phosphoric — 250mL — Ambers																				
HCl — 250mL — Ambers																				
Unpreserved — 100mL — Ambers																				
Unpreserved — 1 Liter — Plastics																				
Sulfuric — 1 Liter — Plastics																				
Unpreserved — 500mL — Plastics																				
Sulfuric — 500mL — Plastics																				
Unpreserved — 250mL — Plastics																				
Trizma — 250mL — Plastics																				
Sulfuric — 250mL — Plastics																				
Nitric — 250mL — Plastics																				
NaOH — 250mL — Plastics																				
Ammonium Acetate — 250mL — Plastics																				
NaOH/Zinc — 250mL — Plastics																				
Unpreserved — VOA Vials	2																			
HCl — VOA Vials																				
MeOH — VOA Vials																				
D.I. Water — VOA Vials																				
BiSulfate — VOA Vials																				
Col/Bact — Other / Fill in																				
Other / Fill in																				
Other / Fill in																				
Other / Fill in																				
Other / Fill in																				
Other / Fill in																				

Qualtrax ID: 120836

Page 2 of 2

Pace ANALYTICAL SERVICES

DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist

Effective Date: 07/13/2023

Log In Back-Sheet

Client Weston and Sampson

Project Simsbury - AWC Eversource

MCP/RCP Required CT RCP

Deliverable Package Requirement RSRs

Location Simsbury CT

PWSID# (When Applicable) N/A

Arrival Method:

Courier ☒ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time STM 9/20/23 1510

Back-Sheet By / Date / Time STM 9/20/23 1915

Temperature Method Gun #5

Temp ☒ < 6° C Actual Temperature 3.1, 2.4

Rush Samples: Yes (No) Notify

Short Hold: Yes (No) Notify

Notes regarding Samples/COC outside of SOP:

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

	True	False
Received on ice	☒	☐
Received in Cooler	☒	☐
Custody Seal: DATE TIME	☐	☒
COC Relinquished	☒	☐
COC/Samples Labels Agree	☒	☐
All Samples in Good Condition	☒	☐
Samples Received within Holding Time	☒	☐
Is there enough Volume	☒	☐
Proper Media/Container Used	☒	☐
Splitting Samples Required	☐	☒
MS/MSD	☐	☒
Trip Blanks	☐	☒
Lab to Filters	☐	☒
COC Legible	☒	☐

COC Included: (Check all included)

Client ☒ Analysis ☒ Sampler Name ☒

Project ☒ IDs ☒ Collection Date/Time ☒

All Samples Proper pH: (N/A) ☐ ☐

Additional Container Notes

Note: West Virginia requires all samples to have their temperature taken. Note any outliers.

Qualtrax ID: 120836

C:\MSDChem\4\DATA\D092723.SEC\D23F270007.D

CT ETPH Discrimination Check

Data File Name D23F270007.D
Data File Path C:\MSDChem\4\DATA\D092723.SEC\
Operator PJG
Date Acquired 9/27/1923 15:42
Acq. Method File EPH11D.M
Sample Name ETPH 1500
Instrument Name GCFID4

Name	Ret Time	Target Response	Average Response	*%D+/-20
C-9	1.71	8639671	10359153	17
C-10	2.36	9289906	10359153	10
C-12	3.30	9717782	10359153	6
C-14	4.02	10074091	10359153	3
C-16	4.63	10748620	10359153	-4
C-18	5.18	10967324	10359153	-6
C-20	5.82	11200964	10359153	-8
C-22	6.59	10888592	10359153	-5
C-24	7.44	10955123	10359153	-6
C-26	8.24	10845436	10359153	-5
C-28	8.98	10729906	10359153	-4
C-30	9.66	10651607	10359153	-3
C-32	10.30	10318405	10359153	0
C-34	10.89	10324668	10359153	0
C-36	11.45	10035199	10359153	3

Samples

23I2626-02RE1
23I2626-04RE1
23I2626-03RE1

*One compound allowed %D</=50

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Pace New England

Client: Weston & Sampson

Project Location: Simsbury, CT

Project Number: 23I2626

Laboratory Sample ID(s):
23I2626-01 thru 23I2626-04

Sample Date(s):
09/19/2023

List RCP Methods Used:
CTDEP ETPH, SW-846 8270E

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:** **09/29/23**

Name of Laboratory: **Pace New England**

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