SO
SW
SSTB

SGS

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

EHSA-QAC-0023-04-FORM-Standard COC

Page 1 of 1

FED-EX Tracking #: [illegible]
Bottle Order Control #: F-043241-147
SGS Quote #:
SGS Job #: JD87492

Client / Reporting Information

Company Name: Groundwater & Environmental Services
Street Address: 100 Sebethe Drive, Unit A8
City: Cromwell, CT State: Zip: 6416
Project Contact: E-mail: MDeGloria@gesonline.com
Phone #: 866-839-5195
Sampler(s) Name(s): Matthew Fusino Phone #:

Project Information

Project Name: Eversource - Berlin CT
Street: 107 Selden Road
City: Berlin State: CT
Project #: 1503724-53-876-1115
Client Purchase Order #:
Project Manager: Michael DeGloria

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis

SGS Sample #	Field ID / Point of Collection	ME/OH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated ed (Y/N)	Matrix	# of bottles	Number of bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)	8260 VOCs	Total Lead	SPLP Lead	LAB USE ONLY
28	Trip Blank	1341	LAB	LAB	LAB			TB	3						2	1			X			D6
29	SB-3(5-7)	1321	5/3/24	1015	MF			SO	5					2	2	1			X	X	X	F24
30	SB-3(13-15)	1251	5/3/24	1025	MF			SO	5					2	2	1			X	X	X	
31	SB-3(17-18.5)	1320	5/3/24	1040	MF			SO	5					2	2	1			X	X	X	14K6
32	SB-5(5-7)	1340	5/3/24	1245	MF			SO	5					2	2	1			X	X	X	
33	SB-5(5-7)-DUP	1238	5/3/24	1250	MF			SO	5					2	2	1			X	X	X	4093
34	SB-5(13-15)	1310	5/3/24	1300	MF			SO	5					2	2	1			X	X	X	
35	SB-5(15-17)	1232	5/3/24	1320	MF			SO	5					2	2	1			X	X	X	
36	SB-7(11-13)	1333	5/3/24	1435	MF			SO	5					2	2	1			X	X	X	
37	SB-7(13-15)	1319	5/3/24	1445	MF			SO	5					2	2	1			X	X	X	
38	SB-7(15-17)	1346	5/3/24	1455	MF			SO	5					2	2	1			X	X		
39	SB-7(15-17)-DUP	1371	5/3/24	1500	MF			SO	5					2	2	1			X	X		

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

Turn Around Time (Business Days)

Approved By (SGS PM): / Date:

- [x] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days
- [ ] 2 Business Days
- [ ] 1 Business Day
- [ ] Other

All data available via Lablink

Approval needed for 1-3 Business Day TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJDKQP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] MA MCP Criteria
- [x] CT RCP Criteria GA
- [ ] State Forms
- [ ] EDD Format
- [ ] DOD-QSM5

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

NOTE: site is a GA site, RLs to meet RSR values for GA PMC and residential direct exposure criteria. Reporting units to match RSR units.

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date / Time:	Received By:
1	Matthew Fusino	5/3/24 1615	B.C
2	B.C	5-3-24 1715	
3		5.3.24 2336	
4		Date / Time:	Received By: 4
5		Date / Time:	Received By: 5

Custody Seal #: Intact / Not intact / Absent

Therm ID: On Ice: Cooler Temp. °C: 2.5 IR50

See Sample Receipt Summary

Initial Assessment 3BHR

Label Verification

SGS Service Center
Northborough, MA

4 Day of SDG (open) (WK)
5-3-24 SGS Connect (close) B.C

Job Change Order: JD87492

Requested Date: 5/3/2024 **Received Date:** 4/30/2024
Account Name: Groundwater & Environmental Ser **Due Date:** 5/7/2024
Project Description: Eversource, Berlin, CT **Deliverable:** CTRCP
C/O Initiated By: MARIE_MEI **PM:** MM **TAT (Days):** 7

Sample #: JD87492-1 **Dept:**
Client ID: MW-10R (2-4) **TAT:** 7
Change: Revise ID to MW-16A (2-4)

Sample #: JD87492-1A **Dept:**
Client ID: MW-10R (2-4) **TAT:** 7
Change: Revise ID to MW-16A (2-4)

Sample #: JD87492-3 **Dept:**
Client ID: MW-16R (10-12) **TAT:** 7
Change: Revise ID to MW-16A (10-12)

Sample #: JD87492-3A **Dept:**
Client ID: MW-16R (10-12) **TAT:** 7
Change: Revise ID to MW-16A (10-12)

Above Changes Per: Michael DeGloria **Date/Time:** 5/3/2024

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

Page 1 of 2

5.1 5

JD87492: Chain of Custody
Page 10 of 14

Job Change Order: JD87492

Requested Date: 5/3/2024 **Received Date:** 4/30/2024
Account Name: Groundwater & Environmental Ser **Due Date:** 5/7/2024
Project Description: Eversource, Berlin, CT **Deliverable:** CTRCP
C/O Initiated By: MARIE_MEI **PM:** MM **TAT (Days):** 7

Sample #: JD87492-4 **Dept:**
Client ID: MW-16R (4-6) **TAT:** 7
Change: Revise ID to MW-16A (4-6)

Sample #: JD87492-4A **Dept:**
Client ID: MW-16R (4-6) **TAT:** 7
Change: Revise ID to MW-16A (4-6)

Above Changes Per: Michael DeGloria **Date/Time:** 5/3/2024

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

Page 2 of 2

5.1 5

Job Change Order: JD87492

Requested Date: 5/3/2024 **Received Date:** 4/30/2024
Account Name: Groundwater & Environmental Ser **Due Date:** 5/8/2024
Project Description: Eversource, Berlin, CT **Deliverable:** CTRCP
C/O Initiated By: MARIE_MEI **PM:** MM **TAT (Days):** 7

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Sample #: JD87492-22A **Dept:**
Client ID: SB-6 (19-20.5) **TAT:** 7
Change: Removed EPB, METDIG, SPLPE, SPLPRATIO

==========

Sample #: JD87492-24A **Dept:**
Client ID: SB-6 (17-19) **TAT:** 7
Change: Removed EPB, METDIG, SPLPE, SPLPRATIO

==========

Sample #: JD87492-26A **Dept:**
Client ID: SB-14 (13-15) **TAT:** 7
Change: Removed EPB, METDIG, SPLPE, SPLPRATIO

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Sample #: JD87492-27A **Dept:**
Client ID: SB-14 (13-15)-DUP **TAT:** 7
Change: Removed EPB, METDIG, SPLPE, SPLPRATIO

==========

Above Changes Per: Michael DeGloria **Date/Time:** 5/3/2024

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

Page 1 of 3

5.1

5

Job Change Order: JD87492

Requested Date: 5/3/2024 **Received Date:** 4/30/2024
Account Name: Groundwater & Environmental Ser **Due Date:** 5/8/2024
Project Description: Eversource, Berlin, CT **Deliverable:** CTRCP
C/O Initiated By: MARIE_MEI **PM:** MM **TAT (Days):** 7

Sample #: JD87492-13A **Dept:**
Client ID: SB-10(13-15) **TAT:** 7
Change: Removed EPB, METDIG, SPLPE, SPLPRATIO

Sample #: JD87492-15A **Dept:**
Client ID: SB-2/MW-2A(10-12) **TAT:** 7
Change: Removed EPB, METDIG, SPLPE, SPLPRATIO

Sample #: JD87492-16A **Dept:**
Client ID: SB-2(14-16) **TAT:** 7
Change: Removed EPB, METDIG, SPLPE, SPLPRATIO

Sample #: JD87492-17A **Dept:**
Client ID: SB-2(18-19.5) **TAT:** 7
Change: Removed EPB, METDIG, SPLPE, SPLPRATIO

Above Changes Per: Michael DeGloria **Date/Time:** 5/3/2024

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

Job Change Order: JD87492

Requested Date: 5/3/2024 **Received Date:** 4/30/2024
Account Name: Groundwater & Environmental Ser **Due Date:** 5/8/2024
Project Description: Eversource, Berlin, CT **Deliverable:** CTRCP
C/O Initiated By: MARIE_MEI **PM:** MM **TAT (Days):** 7

Sample #: JD87492-20A **Dept:**
Client ID: SB-9 (13-13.5) **TAT:** 7
Change: Removed EPB, METDIG, SPLPE, SPLPRATIO

Above Changes Per: Michael DeGloria **Date/Time:** 5/3/2024

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

Page 3 of 3

5.1 5

Reasonable Confidence Protocol
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: SGS North America Inc. **Client:** Groundwater & Environmental Services

Project Location: Eversource, Berlin, CT **Project Number:**

Sampling Date(s): 4/29/2024

Laboratory Sample ID(s): JD87492-1, JD87492-2, JD87492-3, JD87492-4, JD87492-5, JD87492-6, JD87492-7, JD87492-8, JD87492-9, JD87492-10, JD87492-1A, JD87492-3A, JD87492-4A, JD87492-5A, JD87492-6A, JD87492-7A, JD87492-8A, JD87492-9A, JD87492-28, JD87492-29, JD87492-30, JD87492-11, JD87492-12, JD87492-13, JD87492-14, JD87492-15, JD87492-16, JD87492-17, JD87492-12A, JD87492-14A, JD87492-18, JD87492-19, JD87492-20, JD87492-21, JD87492-22, JD87492-23, JD87492-24, JD87492-25, JD87492-26, JD87492-27, JD87492-19A, JD87492-21A, JD87492-23A, JD87492-25A, JD87492-31, JD87492-32, JD87492-33, JD87492-34, JD87492-35, JD87492-36, JD87492-37, JD87492-38, JD87492-39, JD87492-29A, JD87492-30A, JD87492-31A, JD87492-32A, JD87492-33A, JD87492-34A, JD87492-35A, JD87492-36A, JD87492-37A

Methods: EPA 160.3 M, NONE, SM2540 G 18TH ED MOD, SW846 1312, SW846 6010D, SW846 8260D

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	Where all the method specified preservation and holding time requirements met?	Yes ☑ No ☐
1B	VPH and EPH mehods only: Was the VPH or EPH method conducted without significant modifications (See section 11.3 of respective methods)	Yes ☐ No ☐ NA ☑
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes ☑ No ☐
3	Were samples received at an appropriate temperature (<6° C)?	Yes ☑ No ☐
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	Yes ☑ No ☐
5	a) Were reporting limits specified or referenced on the chain-of-custody?	Yes ☑ No ☐
	b) 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 ☐

Note: 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".

I, the undersigned, attest under 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:  Position: General Manager

Printed Name: David Chastain Date: 6/12/2024

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD87492

Eversource, Berlin, CT
Project No: 1503724-53-876-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD87492-1	Collected: 29-APR-24 11:45 By: MJ		Received: 30-APR-24		By: JW	
MW-16A (2-4)						
JD87492-1	SM2540 G 18TH ED MOD.	01-MAY-24 17:00	SC			SOL104
JD87492-1	SW846 8260D	02-MAY-24 17:31	PS			V8260RCP
JD87492-1	SW846 6010D	06-MAY-24 22:42	KP	02-MAY-24	XDS	PB
JD87492-2	Collected: 30-APR-24 14:45 By: MJ		Received: 30-APR-24		By: JW	
TRIP BLANK						
JD87492-2	SW846 8260D	02-MAY-24 16:47	PS			V8260RCP
JD87492-3	Collected: 30-APR-24 10:45 By: MJ		Received: 30-APR-24		By: JW	
MW-16A (10-12)						
JD87492-3	SM2540 G 18TH ED MOD.	01-MAY-24 17:00	SC			SOL104
JD87492-3	SW846 8260D	02-MAY-24 17:53	PS			V8260RCP
JD87492-3	SW846 6010D	06-MAY-24 22:48	KP	02-MAY-24	XDS	PB
JD87492-4	Collected: 30-APR-24 10:35 By: MJ		Received: 30-APR-24		By: JW	
MW-16A (4-6)						
JD87492-4	SM2540 G 18TH ED MOD.	01-MAY-24 17:00	SC			SOL104
JD87492-4	SW846 8260D	02-MAY-24 18:16	PS			V8260RCP
JD87492-4	SW846 6010D	06-MAY-24 22:52	KP	02-MAY-24	XDS	PB
JD87492-5	Collected: 30-APR-24 12:25 By: MJ		Received: 30-APR-24		By: JW	
SB-8 (5-7)						
JD87492-5	SM2540 G 18TH ED MOD.	01-MAY-24 17:00	SC			SOL104
JD87492-5	SW846 8260D	02-MAY-24 18:38	PS			V8260RCP
JD87492-5	SW846 6010D	06-MAY-24 22:57	KP	02-MAY-24	XDS	PB
JD87492-6	Collected: 30-APR-24 12:40 By: MJ		Received: 30-APR-24		By: JW	
SB-8 (10-12)						
JD87492-6	SM2540 G 18TH ED MOD.	01-MAY-24 17:00	SC			SOL104
JD87492-6	SW846 8260D	02-MAY-24 19:00	PS			V8260RCP
JD87492-6	SW846 6010D	04-MAY-24 01:15	KP	02-MAY-24	XDS	PB

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD87492

Eversource, Berlin, CT
Project No: 1503724-53-876-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD87492-7	Collected: 30-APR-24 14:20 By: MJ MW-4A (18-20)			Received: 30-APR-24	By: JW	
JD87492-7	SM2540 G 18TH ED MOD.	01-MAY-24 17:00	SC			SOL104
JD87492-7	SW846 8260D	02-MAY-24 19:22	PS			V8260RCP
JD87492-7	SW846 6010D	04-MAY-24 01:20	KP	02-MAY-24	XDS	PB
JD87492-8	Collected: 30-APR-24 14:35 By: MJ MW-4A (14-16)			Received: 30-APR-24	By: JW	
JD87492-8	SM2540 G 18TH ED MOD.	01-MAY-24 17:00	SC			SOL104
JD87492-8	SW846 8260D	02-MAY-24 19:44	PS			V8260RCP
JD87492-8	SW846 6010D	04-MAY-24 01:26	KP	02-MAY-24	XDS	PB
JD87492-9	Collected: 30-APR-24 14:45 By: MJ MW-4A (8-10)			Received: 30-APR-24	By: JW	
JD87492-9	SM2540 G 18TH ED MOD.	01-MAY-24 17:00	SC			SOL104
JD87492-9	SW846 8260D	02-MAY-24 20:06	PS			V8260RCP
JD87492-9	SW846 6010D	04-MAY-24 01:31	KP	02-MAY-24	XDS	PB
JD87492-10	Collected: 30-APR-24 14:45 By: MJ TRIP BLANK			Received: 30-APR-24	By: JW	
JD87492-10	SW846 8260D	02-MAY-24 17:09	PS			V8260RCP
JD87492-11	Collected: 01-MAY-24 13:45 By: MJ TRIP BLANK			Received: 01-MAY-24	By: JK	
JD87492-11	SW846 8260D	07-MAY-24 13:30	PS			V8260RCP
JD87492-12	Collected: 01-MAY-24 11:00 By: MJ SB-10(9-11)			Received: 01-MAY-24	By: JK	
JD87492-12	SM2540 G 18TH ED MOD.	01-MAY-24 17:00	SC			SOL104
JD87492-12	SW846 8260D	07-MAY-24 14:23	PS			V8260RCP
JD87492-12	SW846 6010D	07-MAY-24 18:08	MM	06-MAY-24	BP	PB

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD87492

Eversource, Berlin, CT
Project No: 1503724-53-876-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD87492-13 Collected: 01-MAY-24 11:15 By: MJ SB-10(13-15)				Received: 01-MAY-24	By: JK	
JD87492-13	SM2540 G 18TH ED MOD.	03-MAY-24 17:00	SC			SOL104
JD87492-13	SW846 8260D	07-MAY-24 17:08	PS			V8260RCP
JD87492-13	SW846 6010D	07-MAY-24 18:13	MM	06-MAY-24	BP	PB
JD87492-14 Collected: 01-MAY-24 11:57 By: MJ SB-5(4-5)				Received: 01-MAY-24	By: JK	
JD87492-14	SM2540 G 18TH ED MOD.	03-MAY-24 17:00	SC			SOL104
JD87492-14	SW846 8260D	07-MAY-24 15:16	PS			V8260RCP
JD87492-14	SW846 6010D	07-MAY-24 18:19	MM	06-MAY-24	BP	PB
JD87492-15 Collected: 01-MAY-24 13:20 By: MJ SB-2/MW-2A(10-12)				Received: 01-MAY-24	By: JK	
JD87492-15	SM2540 G 18TH ED MOD.	03-MAY-24 17:00	SC			SOL104
JD87492-15	SW846 8260D	07-MAY-24 17:23	ED			V8260RCP
JD87492-15	SW846 6010D	07-MAY-24 18:24	MM	06-MAY-24	BP	PB
JD87492-16 Collected: 01-MAY-24 13:30 By: MJ SB-2(14-16)				Received: 01-MAY-24	By: JK	
JD87492-16	SM2540 G 18TH ED MOD.	03-MAY-24 17:00	SC			SOL104
JD87492-16	SW846 8260D	07-MAY-24 17:50	ED			V8260RCP
JD87492-16	SW846 6010D	07-MAY-24 18:39	MM	06-MAY-24	BP	PB
JD87492-17 Collected: 01-MAY-24 13:45 By: MJ SB-2(18-19.5)				Received: 01-MAY-24	By: JK	
JD87492-17	SM2540 G 18TH ED MOD.	03-MAY-24 17:00	SC			SOL104
JD87492-17	SW846 8260D	07-MAY-24 15:43	PS			V8260RCP
JD87492-17	SW846 6010D	07-MAY-24 18:44	MM	06-MAY-24	BP	PB
JD87492-18 Collected: 02-MAY-24 13:45 By: MJ TRIP BLANK				Received: 02-MAY-24	By: KG	
JD87492-18	SW846 8260D	07-MAY-24 13:57	PS			V8260RCP

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD87492

Eversource, Berlin, CT
Project No: 1503724-53-876-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD87492-19	Collected: 02-MAY-24 08:45 By: MJ		Received: 02-MAY-24 By: KG			
SB-9 (7-9)						
JD87492-19	SM2540 G 18TH ED MOD.	09-MAY-24 17:00	SC			SOL104
JD87492-19	SW846 8260D	07-MAY-24 16:09	PS			V8260RCP
JD87492-19	SW846 6010D	09-MAY-24 20:10	MM	09-MAY-24	BP	PB
JD87492-1A	Collected: 29-APR-24 11:45 By: MJ		Received: 30-APR-24 By: JW			
MW-16A (2-4)						
JD87492-1A	SW846 1312	04-MAY-24 11:14	IA			SPLPRATIO
JD87492-1A	SW846 6010D	07-MAY-24 05:53	KP	06-MAY-24	BP	EPB
JD87492-20	Collected: 02-MAY-24 09:10 By: MJ		Received: 02-MAY-24 By: KG			
SB-9 (13-13.5)						
JD87492-20	SM2540 G 18TH ED MOD.	09-MAY-24 17:00	SC			SOL104
JD87492-20	SW846 8260D	07-MAY-24 18:02	PS			V8260RCP
JD87492-20	SW846 6010D	09-MAY-24 20:15	MM	09-MAY-24	BP	PB
JD87492-21	Collected: 02-MAY-24 11:30 By: MJ		Received: 02-MAY-24 By: KG			
SB-6 (9-11)						
JD87492-21	SM2540 G 18TH ED MOD.	09-MAY-24 17:00	SC			SOL104
JD87492-21	SW846 8260D	07-MAY-24 18:28	PS			V8260RCP
JD87492-21	SW846 6010D	09-MAY-24 20:20	MM	09-MAY-24	BP	PB
JD87492-22	Collected: 02-MAY-24 11:45 By: MJ		Received: 02-MAY-24 By: KG			
SB-6 (19-20.5)						
JD87492-22	SM2540 G 18TH ED MOD.	09-MAY-24 17:00	SC			SOL104
JD87492-22	SW846 6010D	09-MAY-24 20:25	MM	09-MAY-24	BP	PB
JD87492-22	SW846 8260D	15-MAY-24 15:03	JN			V8260RCP
JD87492-23	Collected: 02-MAY-24 11:55 By: MJ		Received: 02-MAY-24 By: KG			
SB-6 (11-13)						
JD87492-23	SM2540 G 18TH ED MOD.	09-MAY-24 17:00	SC			SOL104
JD87492-23	SW846 6010D	09-MAY-24 20:30	MM	09-MAY-24	BP	PB

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD87492

Eversource, Berlin, CT
Project No: 1503724-53-876-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD87492-23	SW846 8260D	15-MAY-24 15:28	JN			V8260RCP
JD87492-24	Collected: 02-MAY-24 12:05 By: MJ SB-6 (17-19)		Received: 02-MAY-24		By: KG	
JD87492-24	SM2540 G 18TH ED MOD.	09-MAY-24 17:00	SC			SOL104
JD87492-24	SW846 6010D	09-MAY-24 20:35	MM	09-MAY-24	BP	PB
JD87492-24	SW846 8260D	15-MAY-24 15:53	JN			V8260RCP
JD87492-24	SW846 8260D	15-MAY-24 19:30	JN			V8260RCP
JD87492-25	Collected: 02-MAY-24 14:38 By: MJ SB-14 (9-11)		Received: 02-MAY-24		By: KG	
JD87492-25	SM2540 G 18TH ED MOD.	09-MAY-24 17:00	SC			SOL104
JD87492-25	SW846 8260D	07-MAY-24 18:55	PS			V8260RCP
JD87492-25	SW846 6010D	09-MAY-24 20:41	MM	09-MAY-24	BP	PB
JD87492-26	Collected: 02-MAY-24 14:47 By: MJ SB-14 (13-15)		Received: 02-MAY-24		By: KG	
JD87492-26	SM2540 G 18TH ED MOD.	09-MAY-24 17:00	SC			SOL104
JD87492-26	SW846 8260D	07-MAY-24 19:21	PS			V8260RCP
JD87492-26	SW846 6010D	09-MAY-24 19:54	MM	09-MAY-24	BP	PB
JD87492-27	Collected: 02-MAY-24 14:55 By: MJ SB-14 (13-15)-DUP		Received: 02-MAY-24		By: KG	
JD87492-27	SM2540 G 18TH ED MOD.	09-MAY-24 17:00	SC			SOL104
JD87492-27	SW846 8260D	07-MAY-24 19:48	PS			V8260RCP
JD87492-27	SW846 6010D	09-MAY-24 20:56	MM	09-MAY-24	BP	PB
JD87492-28	Collected: 03-MAY-24 15:00 By: MJ TRIP BLANK		Received: 03-MAY-24		By: JK	
JD87492-28	SW846 8260D	10-MAY-24 17:32	PS			V8260RCP
JD87492-29	Collected: 03-MAY-24 10:15 By: MJ SB-3 (5-7)		Received: 03-MAY-24		By: JK	
JD87492-29	SM2540 G 18TH ED MOD.	09-MAY-24 17:00	SC			SOL104

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD87492

Eversource, Berlin, CT
Project No: 1503724-53-876-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD87492-29	SW846 6010D	09-MAY-24 21:01	MM	09-MAY-24	BP	PB
JD87492-29	SW846 8260D	10-MAY-24 17:54	PS			V8260RCP
JD87492-30	Collected: 03-MAY-24 10:25 By: MJ		Received: 03-MAY-24 By: JK			
SB-3 (13-15)						
JD87492-30	SM2540 G 18TH ED MOD	09-MAY-24 17:00	SC			SOL104
JD87492-30	SW846 6010D	09-MAY-24 21:06	MM	09-MAY-24	BP	PB
JD87492-30	SW846 8260D	10-MAY-24 18:16	PS			V8260RCP
JD87492-31	Collected: 03-MAY-24 10:40 By: MJ		Received: 03-MAY-24 By: JK			
SB-3 (17-18.5)						
JD87492-31	SM2540 G 18TH ED MOD	09-MAY-24 17:00	SC			SOL104
JD87492-31	SW846 6010D	09-MAY-24 21:11	MM	09-MAY-24	BP	PB
JD87492-31	SW846 8260D	10-MAY-24 18:38	PS			V8260RCP
JD87492-32	Collected: 03-MAY-24 12:45 By: MJ		Received: 03-MAY-24 By: JK			
SB-5 (5-7)						
JD87492-32	SM2540 G 18TH ED MOD	09-MAY-24 17:00	SC			SOL104
JD87492-32	SW846 6010D	09-MAY-24 21:16	MM	09-MAY-24	BP	PB
JD87492-32	SW846 8260D	10-MAY-24 19:00	PS			V8260RCP
JD87492-33	Collected: 03-MAY-24 12:50 By: MJ		Received: 03-MAY-24 By: JK			
SB-5 (5-7)-DUP						
JD87492-33	SM2540 G 18TH ED MOD	09-MAY-24 17:00	SC			SOL104
JD87492-33	SW846 6010D	09-MAY-24 21:22	MM	09-MAY-24	BP	PB
JD87492-33	SW846 8260D	10-MAY-24 19:21	PS			V8260RCP
JD87492-34	Collected: 03-MAY-24 13:00 By: MJ		Received: 03-MAY-24 By: JK			
SB-5 (13-15)						
JD87492-34	SM2540 G 18TH ED MOD	09-MAY-24 17:00	SC			SOL104
JD87492-34	SW846 6010D	09-MAY-24 21:27	MM	09-MAY-24	BP	PB
JD87492-34	SW846 8260D	11-MAY-24 16:17	JN			V8260RCP

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD87492

Eversource, Berlin, CT
Project No: 1503724-53-876-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD87492-35 Collected: 03-MAY-24 13:20 By: MJ SB-5 (15-17)				Received: 03-MAY-24	By: JK	
JD87492-35	SM2540 G 18TH ED MOD	09-MAY-24 17:00	SC			SOL104
JD87492-35	SW846 6010D	09-MAY-24 21:32	MM	09-MAY-24	BP	PB
JD87492-35	SW846 8260D	13-MAY-24 20:02	PS			V8260RCP
JD87492-36 Collected: 03-MAY-24 14:35 By: MJ SB-7 (11-13)				Received: 03-MAY-24	By: JK	
JD87492-36	SM2540 G 18TH ED MOD	09-MAY-24 17:00	SC			SOL104
JD87492-36	SW846 6010D	09-MAY-24 21:37	MM	09-MAY-24	BP	PB
JD87492-36	SW846 8260D	10-MAY-24 19:43	PS			V8260RCP
JD87492-37 Collected: 03-MAY-24 14:45 By: MJ SB-7 (13-15)				Received: 03-MAY-24	By: JK	
JD87492-37	SM2540 G 18TH ED MOD	09-MAY-24 17:00	SC			SOL104
JD87492-37	SW846 6010D	09-MAY-24 21:42	MM	09-MAY-24	BP	PB
JD87492-37	SW846 8260D	11-MAY-24 17:08	JN			V8260RCP
JD87492-38 Collected: 03-MAY-24 14:55 By: MJ SB-7 (15-17)				Received: 03-MAY-24	By: JK	
JD87492-38	SM2540 G 18TH ED MOD	09-MAY-24 17:00	SC			SOL104
JD87492-38	SW846 6010D	09-MAY-24 21:58	MM	09-MAY-24	BP	PB
JD87492-38	SW846 8260D	11-MAY-24 17:33	JN			V8260RCP
JD87492-38	SW846 8260D	13-MAY-24 13:46	ED			V8260RCP
JD87492-39 Collected: 03-MAY-24 15:00 By: MJ SB-7 (15-17)-DUP				Received: 03-MAY-24	By: JK	
JD87492-39	SM2540 G 18TH ED MOD	09-MAY-24 17:00	SC			SOL104
JD87492-39	SW846 6010D	09-MAY-24 22:03	MM	09-MAY-24	BP	PB
JD87492-39	SW846 8260D	11-MAY-24 17:58	JN			V8260RCP
JD87492-3A Collected: 30-APR-24 10:45 By: MJ MW-16A (10-12)				Received: 30-APR-24	By: JW	

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD87492

Eversource, Berlin, CT
Project No: 1503724-53-876-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD87492-3	ASW846 1312	04-MAY-24 11:14	IA			SPLPRATIO
JD87492-3	ASW846 6010D	07-MAY-24 06:03	KP	06-MAY-24	BP	EPB
JD87492-4	Collected: 30-APR-24 10:35 By: MJ		Received: 30-APR-24 By: JW			
MW-16A (4-6)						
JD87492-4	ASW846 1312	03-MAY-24 09:16	IA			SPLPRATIO
JD87492-4	ASW846 6010D	07-MAY-24 07:32	KP	06-MAY-24	BP	EPB
JD87492-5	Collected: 30-APR-24 12:25 By: MJ		Received: 30-APR-24 By: JW			
SB-8 (5-7)						
JD87492-5	ASW846 1312	03-MAY-24 09:16	IA			SPLPRATIO
JD87492-5	ASW846 6010D	07-MAY-24 07:42	KP	06-MAY-24	BP	EPB
JD87492-6	Collected: 30-APR-24 12:40 By: MJ		Received: 30-APR-24 By: JW			
SB-8 (10-12)						
JD87492-6	ASW846 1312	03-MAY-24 09:16	IA			SPLPRATIO
JD87492-6	ASW846 6010D	07-MAY-24 07:47	KP	06-MAY-24	BP	EPB
JD87492-7	Collected: 30-APR-24 14:20 By: MJ		Received: 30-APR-24 By: JW			
MW-4A (18-20)						
JD87492-7	ASW846 1312	03-MAY-24 09:16	IA			SPLPRATIO
JD87492-7	ASW846 6010D	07-MAY-24 07:52	KP	06-MAY-24	BP	EPB
JD87492-8	Collected: 30-APR-24 14:35 By: MJ		Received: 30-APR-24 By: JW			
MW-4A (14-16)						
JD87492-8	ASW846 1312	03-MAY-24 09:16	IA			SPLPRATIO
JD87492-8	ASW846 6010D	07-MAY-24 07:57	KP	06-MAY-24	BP	EPB
JD87492-9	Collected: 30-APR-24 14:45 By: MJ		Received: 30-APR-24 By: JW			
MW-4A (8-10)						
JD87492-9	ASW846 1312	03-MAY-24 09:16	IA			SPLPRATIO
JD87492-9	ASW846 6010D	07-MAY-24 08:02	KP	06-MAY-24	BP	EPB

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD87492

Eversource, Berlin, CT
Project No: 1503724-53-876-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD87492-12A	Collected: 01-MAY-24 11:00 By: MJ		Received: 01-MAY-24 By: JK			
SB-10(9-11)						
JD87492-12A	SW846 1312	10-MAY-24 18:30	IA			SPLPRATIO
JD87492-12A	SW846 6010D	15-MAY-24 04:20	KP	13-MAY-24	BP	EPB
JD87492-14A	Collected: 01-MAY-24 11:57 By: MJ		Received: 01-MAY-24 By: JK			
SB-5(4-5)						
JD87492-14A	SW846 1312	10-MAY-24 18:30	IA			SPLPRATIO
JD87492-14A	SW846 6010D	15-MAY-24 04:25	KP	13-MAY-24	BP	EPB
JD87492-19A	Collected: 02-MAY-24 08:45 By: MJ		Received: 02-MAY-24 By: KG			
SB-9 (7-9)						
JD87492-19A	SW846 1312	10-MAY-24 18:30	IA			SPLPRATIO
JD87492-19A	SW846 6010D	15-MAY-24 04:30	KP	13-MAY-24	BP	EPB
JD87492-21A	Collected: 02-MAY-24 11:30 By: MJ		Received: 02-MAY-24 By: KG			
SB-6 (9-11)						
JD87492-21A	SW846 1312	10-MAY-24 18:30	IA			SPLPRATIO
JD87492-21A	SW846 6010D	15-MAY-24 04:35	KP	13-MAY-24	BP	EPB
JD87492-23A	Collected: 02-MAY-24 11:55 By: MJ		Received: 02-MAY-24 By: KG			
SB-6 (11-13)						
JD87492-23A	SW846 1312	15-MAY-24 13:00	IA			SPLPRATIO
JD87492-23A	SW846 6010D	17-MAY-24 03:39	KP	16-MAY-24	BP	EPB
JD87492-25A	Collected: 02-MAY-24 14:38 By: MJ		Received: 02-MAY-24 By: KG			
SB-14 (9-11)						
JD87492-25A	SW846 1312	15-MAY-24 13:00	IA			SPLPRATIO
JD87492-25A	SW846 6010D	17-MAY-24 03:50	KP	16-MAY-24	BP	EPB
JD87492-29A	Collected: 03-MAY-24 10:15 By: MJ		Received: 03-MAY-24 By: JK			
SB-3 (5-7)						

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD87492

Eversource, Berlin, CT
Project No: 1503724-53-876-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD87492-29A	SW846 1312	15-MAY-24 13:00	IA			SPLPRATIO
JD87492-29A	SW846 6010D	17-MAY-24 03:55	KP	16-MAY-24	BP	EPB
JD87492-30A	Collected: 03-MAY-24 10:25 By: MJ		Received: 03-MAY-24 By: JK			
SB-3 (13-15)						
JD87492-30A	SW846 1312	15-MAY-24 13:00	IA			SPLPRATIO
JD87492-30A	SW846 6010D	17-MAY-24 04:09	KP	16-MAY-24	BP	EPB
JD87492-31A	Collected: 03-MAY-24 10:40 By: MJ		Received: 03-MAY-24 By: JK			
SB-3 (17-18.5)						
JD87492-31A	SW846 1312	15-MAY-24 13:00	IA			SPLPRATIO
JD87492-31A	SW846 6010D	17-MAY-24 04:15	KP	16-MAY-24	BP	EPB
JD87492-32A	Collected: 03-MAY-24 12:45 By: MJ		Received: 03-MAY-24 By: JK			
SB-5 (5-7)						
JD87492-32A	SW846 1312	15-MAY-24 13:00	IA			SPLPRATIO
JD87492-32A	SW846 6010D	17-MAY-24 04:20	KP	16-MAY-24	BP	EPB
JD87492-33A	Collected: 03-MAY-24 12:50 By: MJ		Received: 03-MAY-24 By: JK			
SB-5 (5-7)-DUP						
JD87492-33A	SW846 1312	16-MAY-24 11:59	IA			SPLPRATIO
JD87492-33A	SW846 6010D	21-MAY-24 21:51	MM	21-MAY-24	SS	EPB
JD87492-34A	Collected: 03-MAY-24 13:00 By: MJ		Received: 03-MAY-24 By: JK			
SB-5 (13-15)						
JD87492-34A	SW846 1312	16-MAY-24 11:59	IA			SPLPRATIO
JD87492-34A	SW846 6010D	21-MAY-24 22:06	MM	21-MAY-24	SS	EPB
JD87492-35A	Collected: 03-MAY-24 13:20 By: MJ		Received: 03-MAY-24 By: JK			
SB-5 (15-17)						
JD87492-35A	SW846 1312	16-MAY-24 11:59	IA			SPLPRATIO
JD87492-35A	SW846 6010D	21-MAY-24 22:11	MM	21-MAY-24	SS	EPB

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD87492

Eversource, Berlin, CT
Project No: 1503724-53-876-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD87492-36A	Collected: 03-MAY-24 14:35 By: MJ		Received: 03-MAY-24 By: JK			
SB-7 (11-13)						
JD87492-36A	SW846 1312	16-MAY-24 11:59	IA			SPLPRATIO
JD87492-36A	SW846 6010D	21-MAY-24 22:16	MM	21-MAY-24	SS	EPB
JD87492-37A	Collected: 03-MAY-24 14:45 By: MJ		Received: 03-MAY-24 By: JK			
SB-7 (13-15)						
JD87492-37A	SW846 1312	10-MAY-24 18:30	IA			SPLPRATIO
JD87492-37A	SW846 6010D	16-MAY-24 09:05	KP	13-MAY-24	BP	EPB

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V1C8692	SW846 8260D						
V1C8692-BS	67-64-1	Acetone	BSP	REC	96	%	70-130
V1C8692-BS	107-13-1	Acrylonitrile	BSP	REC	95	%	70-130
V1C8692-BS	71-43-2	Benzene	BSP	REC	89	%	70-130
V1C8692-BS	108-86-1	Bromobenzene	BSP	REC	94	%	70-130
V1C8692-BS	75-27-4	Bromodichloromethane	BSP	REC	95	%	70-130
V1C8692-BS	75-25-2	Bromoform	BSP	REC	93	%	70-130
V1C8692-BS	74-83-9	Bromomethane	BSP	REC	108	%	70-130
V1C8692-BS	78-93-3	2-Butanone (MEK)	BSP	REC	103	%	70-130
V1C8692-BS	104-51-8	n-Butylbenzene	BSP	REC	93	%	70-130
V1C8692-BS	135-98-8	sec-Butylbenzene	BSP	REC	92	%	70-130
V1C8692-BS	98-06-6	tert-Butylbenzene	BSP	REC	89	%	70-130
V1C8692-BS	75-15-0	Carbon disulfide	BSP	REC	89	%	70-130
V1C8692-BS	56-23-5	Carbon tetrachloride	BSP	REC	90	%	70-130
V1C8692-BS	108-90-7	Chlorobenzene	BSP	REC	94	%	70-130
V1C8692-BS	75-00-3	Chloroethane	BSP	REC	102	%	70-130
V1C8692-BS	67-66-3	Chloroform	BSP	REC	89	%	70-130
V1C8692-BS	74-87-3	Chloromethane	BSP	REC	100	%	70-130
V1C8692-BS	95-49-8	o-Chlorotoluene	BSP	REC	88	%	70-130
V1C8692-BS	106-43-4	p-Chlorotoluene	BSP	REC	84	%	70-130
V1C8692-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	93	%	70-130
V1C8692-BS	124-48-1	Dibromochloromethane	BSP	REC	98	%	70-130
V1C8692-BS	106-93-4	1,2-Dibromoethane	BSP	REC	96	%	70-130
V1C8692-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	88	%	70-130
V1C8692-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	90	%	70-130
V1C8692-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	90	%	70-130
V1C8692-BS	110-57-6	Trans-1,4-Dichloro-2-Butene	BSP	REC	92	%	70-130
V1C8692-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	106	%	70-130
V1C8692-BS	75-34-3	1,1-Dichloroethane	BSP	REC	90	%	70-130
V1C8692-BS	107-06-2	1,2-Dichloroethane	BSP	REC	89	%	70-130
V1C8692-BS	75-35-4	1,1-Dichloroethene	BSP	REC	87	%	70-130
V1C8692-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	88	%	70-130
V1C8692-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	87	%	70-130
V1C8692-BS	78-87-5	1,2-Dichloropropane	BSP	REC	86	%	70-130
V1C8692-BS	142-28-9	1,3-Dichloropropane	BSP	REC	94	%	70-130
V1C8692-BS	594-20-7	2,2-Dichloropropane	BSP	REC	89	%	70-130
V1C8692-BS	563-58-6	1,1-Dichloropropene	BSP	REC	94	%	70-130
V1C8692-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	98	%	70-130
V1C8692-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	92	%	70-130
V1C8692-BS	100-41-4	Ethylbenzene	BSP	REC	88	%	70-130
V1C8692-BS	76-13-1	Freon 113	BSP	REC	88	%	70-130
V1C8692-BS	87-68-3	Hexachlorobutadiene	BSP	REC	89	%	70-130
V1C8692-BS	591-78-6	2-Hexanone	BSP	REC	93	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V1C8692-BS	98-82-8	Isopropylbenzene	BSP	REC	89	%	70-130
V1C8692-BS	99-87-6	p-Isopropyltoluene	BSP	REC	88	%	70-130
V1C8692-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	98	%	70-130
V1C8692-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	93	%	70-130
V1C8692-BS	74-95-3	Methylene bromide	BSP	REC	94	%	70-130
V1C8692-BS	75-09-2	Methylene chloride	BSP	REC	90	%	70-130
V1C8692-BS	91-20-3	Naphthalene	BSP	REC	91	%	70-130
V1C8692-BS	103-65-1	n-Propylbenzene	BSP	REC	88	%	70-130
V1C8692-BS	100-42-5	Styrene	BSP	REC	92	%	70-130
V1C8692-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	94	%	70-130
V1C8692-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	93	%	70-130
V1C8692-BS	127-18-4	Tetrachloroethene	BSP	REC	93	%	70-130
V1C8692-BS	109-99-9	Tetrahydrofuran	BSP	REC	89	%	70-130
V1C8692-BS	108-88-3	Toluene	BSP	REC	92	%	70-130
V1C8692-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	85	%	70-130
V1C8692-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	86	%	70-130
V1C8692-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	93	%	70-130
V1C8692-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	95	%	70-130
V1C8692-BS	79-01-6	Trichloroethene	BSP	REC	94	%	70-130
V1C8692-BS	75-69-4	Trichlorofluoromethane	BSP	REC	96	%	70-130
V1C8692-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	95	%	70-130
V1C8692-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	86	%	70-130
V1C8692-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	86	%	70-130
V1C8692-BS	75-01-4	Vinyl chloride	BSP	REC	106	%	70-130
V1C8692-BS		m,p-Xylene	BSP	REC	86	%	70-130
V1C8692-BS	95-47-6	o-Xylene	BSP	REC	89	%	70-130
V1C8692-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	101	%	70-130
V1C8692-BS	2037-26-5	Toluene-D8	BSP	SURR	100	%	70-130
V1C8692-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	97	%	70-130
JD87492-12MS	67-64-1	Acetone	MS	REC	81	%	70-130
JD87492-12MS	107-13-1	Acrylonitrile	MS	REC	89	%	70-130
JD87492-12MS	71-43-2	Benzene	MS	REC	87	%	70-130
JD87492-12MS	108-86-1	Bromobenzene	MS	REC	87	%	70-130
JD87492-12MS	75-27-4	Bromodichloromethane	MS	REC	90	%	70-130
JD87492-12MS	75-25-2	Bromoform	MS	REC	83	%	70-130
JD87492-12MS	74-83-9	Bromomethane	MS	REC	109	%	70-130
JD87492-12MS	78-93-3	2-Butanone (MEK)	MS	REC	94	%	70-130
JD87492-12MS	104-51-8	n-Butylbenzene	MS	REC	79	%	70-130
JD87492-12MS	135-98-8	sec-Butylbenzene	MS	REC	82	%	70-130
JD87492-12MS	98-06-6	tert-Butylbenzene	MS	REC	86	%	70-130
JD87492-12MS	75-15-0	Carbon disulfide	MS	REC	90	%	70-130
JD87492-12MS	56-23-5	Carbon tetrachloride	MS	REC	93	%	70-130
JD87492-12MS	108-90-7	Chlorobenzene	MS	REC	88	%	70-130
JD87492-12MS	75-00-3	Chloroethane	MS	REC	113	%	70-130
JD87492-12MS	67-66-3	Chloroform	MS	REC	94	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-12MS	74-87-3	Chloromethane	MS	REC	109	%	70-130
JD87492-12MS	95-49-8	o-Chlorotoluene	MS	REC	87	%	70-130
JD87492-12MS	106-43-4	p-Chlorotoluene	MS	REC	81	%	70-130
JD87492-12MS	96-12-8	1,2-Dibromo-3-chloropropane	MS	REC	79	%	70-130
JD87492-12MS	124-48-1	Dibromochloromethane	MS	REC	89	%	70-130
JD87492-12MS	106-93-4	1,2-Dibromoethane	MS	REC	93	%	70-130
JD87492-12MS	95-50-1	1,2-Dichlorobenzene	MS	REC	84	%	70-130
JD87492-12MS	541-73-1	1,3-Dichlorobenzene	MS	REC	83	%	70-130
JD87492-12MS	106-46-7	1,4-Dichlorobenzene	MS	REC	82	%	70-130
JD87492-12MS	110-57-6	Trans-1,4-Dichloro-2-Butene	MS	REC	66	%	70-130
JD87492-12MS	75-71-8	Dichlorodifluoromethane	MS	REC	122	%	70-130
JD87492-12MS	75-34-3	1,1-Dichloroethane	MS	REC	94	%	70-130
JD87492-12MS	107-06-2	1,2-Dichloroethane	MS	REC	84	%	70-130
JD87492-12MS	75-35-4	1,1-Dichloroethene	MS	REC	92	%	70-130
JD87492-12MS	156-59-2	cis-1,2-Dichloroethene	MS	REC	93	%	70-130
JD87492-12MS	156-60-5	trans-1,2-Dichloroethene	MS	REC	94	%	70-130
JD87492-12MS	78-87-5	1,2-Dichloropropane	MS	REC	85	%	70-130
JD87492-12MS	142-28-9	1,3-Dichloropropane	MS	REC	87	%	70-130
JD87492-12MS	594-20-7	2,2-Dichloropropane	MS	REC	60	%	70-130
JD87492-12MS	563-58-6	1,1-Dichloropropene	MS	REC	97	%	70-130
JD87492-12MS	10061-01-5	cis-1,3-Dichloropropene	MS	REC	84	%	70-130
JD87492-12MS	10061-02-6	trans-1,3-Dichloropropene	MS	REC	86	%	70-130
JD87492-12MS	100-41-4	Ethylbenzene	MS	REC	89	%	70-130
JD87492-12MS	76-13-1	Freon 113	MS	REC	89	%	70-130
JD87492-12MS	87-68-3	Hexachlorobutadiene	MS	REC	71	%	70-130
JD87492-12MS	591-78-6	2-Hexanone	MS	REC	79	%	70-130
JD87492-12MS	98-82-8	Isopropylbenzene	MS	REC	86	%	70-130
JD87492-12MS	99-87-6	p-Isopropyltoluene	MS	REC	81	%	70-130
JD87492-12MS	1634-04-4	Methyl Tert Butyl Ether	MS	REC	92	%	70-130
JD87492-12MS	108-10-1	4-Methyl-2-pentanone(MIBK)	MS	REC	84	%	70-130
JD87492-12MS	74-95-3	Methylene bromide	MS	REC	87	%	70-130
JD87492-12MS	75-09-2	Methylene chloride	MS	REC	97	%	70-130
JD87492-12MS	91-20-3	Naphthalene	MS	REC	75	%	70-130
JD87492-12MS	103-65-1	n-Propylbenzene	MS	REC	83	%	70-130
JD87492-12MS	100-42-5	Styrene	MS	REC	84	%	70-130
JD87492-12MS	630-20-6	1,1,1,2-Tetrachloroethane	MS	REC	92	%	70-130
JD87492-12MS	79-34-5	1,1,2,2-Tetrachloroethane	MS	REC	81	%	70-130
JD87492-12MS	127-18-4	Tetrachloroethene	MS	REC	88	%	70-130
JD87492-12MS	109-99-9	Tetrahydrofuran	MS	REC	81	%	70-130
JD87492-12MS	108-88-3	Toluene	MS	REC	91	%	70-130
JD87492-12MS	87-61-6	1,2,3-Trichlorobenzene	MS	REC	76	%	70-130
JD87492-12MS	120-82-1	1,2,4-Trichlorobenzene	MS	REC	79	%	70-130
JD87492-12MS	71-55-6	1,1,1-Trichloroethane	MS	REC	95	%	70-130
JD87492-12MS	79-00-5	1,1,2-Trichloroethane	MS	REC	93	%	70-130
JD87492-12MS	79-01-6	Trichloroethene	MS	REC	97	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-12MS	75-69-4	Trichlorofluoromethane	MS	REC	106	%	70-130
JD87492-12MS	96-18-4	1,2,3-Trichloropropane	MS	REC	85	%	70-130
JD87492-12MS	95-63-6	1,2,4-Trimethylbenzene	MS	REC	90	%	70-130
JD87492-12MS	108-67-8	1,3,5-Trimethylbenzene	MS	REC	86	%	70-130
JD87492-12MS	75-01-4	Vinyl chloride	MS	REC	118	%	70-130
JD87492-12MS		m,p-Xylene	MS	REC	85	%	70-130
JD87492-12MS	95-47-6	o-Xylene	MS	REC	87	%	70-130
JD87492-12MS	1868-53-7	Dibromofluoromethane	MS	SURR	105	%	70-130
JD87492-12MS	2037-26-5	Toluene-D8	MS	SURR	97	%	70-130
JD87492-12MS	460-00-4	4-Bromofluorobenzene	MS	SURR	93	%	70-130
JD87492-13DUP	67-64-1	Acetone	DUP	RPD	43	%	30
JD87492-13DUP	107-13-1	Acrylonitrile	DUP	RPD	0	%	30
JD87492-13DUP	71-43-2	Benzene	DUP	RPD	200 [a]	%	30
JD87492-13DUP	108-86-1	Bromobenzene	DUP	RPD	0	%	30
JD87492-13DUP	75-27-4	Bromodichloromethane	DUP	RPD	0	%	30
JD87492-13DUP	75-25-2	Bromoform	DUP	RPD	0	%	30
JD87492-13DUP	74-83-9	Bromomethane	DUP	RPD	0	%	30
JD87492-13DUP	78-93-3	2-Butanone (MEK)	DUP	RPD	200 [a]	%	30
JD87492-13DUP	104-51-8	n-Butylbenzene	DUP	RPD	0	%	30
JD87492-13DUP	135-98-8	sec-Butylbenzene	DUP	RPD	0	%	30
JD87492-13DUP	98-06-6	tert-Butylbenzene	DUP	RPD	0	%	30
JD87492-13DUP	75-15-0	Carbon disulfide	DUP	RPD	0	%	30
JD87492-13DUP	56-23-5	Carbon tetrachloride	DUP	RPD	0	%	30
JD87492-13DUP	108-90-7	Chlorobenzene	DUP	RPD	0	%	30
JD87492-13DUP	75-00-3	Chloroethane	DUP	RPD	0	%	30
JD87492-13DUP	67-66-3	Chloroform	DUP	RPD	0	%	30
JD87492-13DUP	74-87-3	Chloromethane	DUP	RPD	0	%	30
JD87492-13DUP	95-49-8	o-Chlorotoluene	DUP	RPD	0	%	30
JD87492-13DUP	106-43-4	p-Chlorotoluene	DUP	RPD	0	%	30
JD87492-13DUP	96-12-8	1,2-Dibromo-3-chloropropane	DUP	RPD	0	%	30
JD87492-13DUP	124-48-1	Dibromochloromethane	DUP	RPD	0	%	30
JD87492-13DUP	106-93-4	1,2-Dibromoethane	DUP	RPD	0	%	30
JD87492-13DUP	95-50-1	1,2-Dichlorobenzene	DUP	RPD	0	%	30
JD87492-13DUP	541-73-1	1,3-Dichlorobenzene	DUP	RPD	0	%	30
JD87492-13DUP	106-46-7	1,4-Dichlorobenzene	DUP	RPD	0	%	30
JD87492-13DUP	110-57-6	Trans-1,4-Dichloro-2-Butene	DUP	RPD	0	%	30
JD87492-13DUP	75-71-8	Dichlorodifluoromethane	DUP	RPD	0	%	30
JD87492-13DUP	75-34-3	1,1-Dichloroethane	DUP	RPD	0	%	30
JD87492-13DUP	107-06-2	1,2-Dichloroethane	DUP	RPD	0	%	30
JD87492-13DUP	75-35-4	1,1-Dichloroethene	DUP	RPD	0	%	30
JD87492-13DUP	156-59-2	cis-1,2-Dichloroethene	DUP	RPD	0	%	30
JD87492-13DUP	156-60-5	trans-1,2-Dichloroethene	DUP	RPD	0	%	30
JD87492-13DUP	78-87-5	1,2-Dichloropropane	DUP	RPD	0	%	30
JD87492-13DUP	142-28-9	1,3-Dichloropropane	DUP	RPD	0	%	30
JD87492-13DUP	594-20-7	2,2-Dichloropropane	DUP	RPD	0	%	30

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-13DUP	563-58-6	1,1-Dichloropropene	DUP	RPD	0	%	30
JD87492-13DUP	10061-01-5	cis-1,3-Dichloropropene	DUP	RPD	0	%	30
JD87492-13DUP	10061-02-6	trans-1,3-Dichloropropene	DUP	RPD	0	%	30
JD87492-13DUP	100-41-4	Ethylbenzene	DUP	RPD	112 [a]	%	30
JD87492-13DUP	76-13-1	Freon 113	DUP	RPD	0	%	30
JD87492-13DUP	87-68-3	Hexachlorobutadiene	DUP	RPD	0	%	30
JD87492-13DUP	591-78-6	2-Hexanone	DUP	RPD	0	%	30
JD87492-13DUP	98-82-8	Isopropylbenzene	DUP	RPD	0	%	30
JD87492-13DUP	99-87-6	p-Isopropyltoluene	DUP	RPD	0	%	30
JD87492-13DUP	1634-04-4	Methyl Tert Butyl Ether	DUP	RPD	0	%	30
JD87492-13DUP	108-10-1	4-Methyl-2-pentanone(MIBK)	DUP	RPD	0	%	30
JD87492-13DUP	74-95-3	Methylene bromide	DUP	RPD	0	%	30
JD87492-13DUP	75-09-2	Methylene chloride	DUP	RPD	200 [a]	%	30
JD87492-13DUP	91-20-3	Naphthalene	DUP	RPD	0	%	30
JD87492-13DUP	103-65-1	n-Propylbenzene	DUP	RPD	200 [a]	%	30
JD87492-13DUP	100-42-5	Styrene	DUP	RPD	0	%	30
JD87492-13DUP	630-20-6	1,1,1,2-Tetrachloroethane	DUP	RPD	0	%	30
JD87492-13DUP	79-34-5	1,1,2,2-Tetrachloroethane	DUP	RPD	0	%	30
JD87492-13DUP	127-18-4	Tetrachloroethene	DUP	RPD	0	%	30
JD87492-13DUP	109-99-9	Tetrahydrofuran	DUP	RPD	0	%	30
JD87492-13DUP	108-88-3	Toluene	DUP	RPD	0	%	30
JD87492-13DUP	87-61-6	1,2,3-Trichlorobenzene	DUP	RPD	0	%	30
JD87492-13DUP	120-82-1	1,2,4-Trichlorobenzene	DUP	RPD	0	%	30
JD87492-13DUP	71-55-6	1,1,1-Trichloroethane	DUP	RPD	0	%	30
JD87492-13DUP	79-00-5	1,1,2-Trichloroethane	DUP	RPD	0	%	30
JD87492-13DUP	79-01-6	Trichloroethene	DUP	RPD	0	%	30
JD87492-13DUP	75-69-4	Trichlorofluoromethane	DUP	RPD	0	%	30
JD87492-13DUP	96-18-4	1,2,3-Trichloropropane	DUP	RPD	0	%	30
JD87492-13DUP	95-63-6	1,2,4-Trimethylbenzene	DUP	RPD	200 [a]	%	30
JD87492-13DUP	108-67-8	1,3,5-Trimethylbenzene	DUP	RPD	79 [a]	%	30
JD87492-13DUP	75-01-4	Vinyl chloride	DUP	RPD	0	%	30
JD87492-13DUP		m,p-Xylene	DUP	RPD	0	%	30
JD87492-13DUP	95-47-6	o-Xylene	DUP	RPD	200 [a]	%	30
JD87492-13DUP	1868-53-7	Dibromofluoromethane	DUP	SURR	106	%	70-130
JD87492-13DUP	2037-26-5	Toluene-D8	DUP	SURR	99	%	70-130
JD87492-13DUP	460-00-4	4-Bromofluorobenzene	DUP	SURR	93	%	70-130
V1C8692-MB	1868-53-7	Dibromofluoromethane	MB	SURR	100	%	70-130
V1C8692-MB	2037-26-5	Toluene-D8	MB	SURR	96	%	70-130
V1C8692-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	98	%	70-130
JD87492-11	1868-53-7	Dibromofluoromethane	SAMP	SURR	103	%	70-130
JD87492-11	2037-26-5	Toluene-D8	SAMP	SURR	99	%	70-130
JD87492-11	460-00-4	4-Bromofluorobenzene	SAMP	SURR	95	%	70-130
JD87492-12	1868-53-7	Dibromofluoromethane	SAMP	SURR	105	%	70-130
JD87492-12	2037-26-5	Toluene-D8	SAMP	SURR	100	%	70-130
JD87492-12	460-00-4	4-Bromofluorobenzene	SAMP	SURR	94	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-13	1868-53-7	Dibromofluoromethane	SAMP	SURR	105	%	70-130
JD87492-13	2037-26-5	Toluene-D8	SAMP	SURR	96	%	70-130
JD87492-13	460-00-4	4-Bromofluorobenzene	SAMP	SURR	96	%	70-130
JD87492-14	1868-53-7	Dibromofluoromethane	SAMP	SURR	108	%	70-130
JD87492-14	2037-26-5	Toluene-D8	SAMP	SURR	95	%	70-130
JD87492-14	460-00-4	4-Bromofluorobenzene	SAMP	SURR	96	%	70-130
JD87492-17	1868-53-7	Dibromofluoromethane	SAMP	SURR	108	%	70-130
JD87492-17	2037-26-5	Toluene-D8	SAMP	SURR	98	%	70-130
JD87492-17	460-00-4	4-Bromofluorobenzene	SAMP	SURR	97	%	70-130
JD87492-18	1868-53-7	Dibromofluoromethane	SAMP	SURR	105	%	70-130
JD87492-18	2037-26-5	Toluene-D8	SAMP	SURR	100	%	70-130
JD87492-18	460-00-4	4-Bromofluorobenzene	SAMP	SURR	97	%	70-130
JD87492-19	1868-53-7	Dibromofluoromethane	SAMP	SURR	105	%	70-130
JD87492-19	2037-26-5	Toluene-D8	SAMP	SURR	97	%	70-130
JD87492-19	460-00-4	4-Bromofluorobenzene	SAMP	SURR	100	%	70-130
JD87492-20	1868-53-7	Dibromofluoromethane	SAMP	SURR	105	%	70-130
JD87492-20	2037-26-5	Toluene-D8	SAMP	SURR	94	%	70-130
JD87492-20	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	70-130
JD87492-21	1868-53-7	Dibromofluoromethane	SAMP	SURR	107	%	70-130
JD87492-21	2037-26-5	Toluene-D8	SAMP	SURR	94	%	70-130
JD87492-21	460-00-4	4-Bromofluorobenzene	SAMP	SURR	96	%	70-130
JD87492-25	1868-53-7	Dibromofluoromethane	SAMP	SURR	107	%	70-130
JD87492-25	2037-26-5	Toluene-D8	SAMP	SURR	104	%	70-130
JD87492-25	460-00-4	4-Bromofluorobenzene	SAMP	SURR	94	%	70-130
JD87492-26	1868-53-7	Dibromofluoromethane	SAMP	SURR	106	%	70-130
JD87492-26	2037-26-5	Toluene-D8	SAMP	SURR	95	%	70-130
JD87492-26	460-00-4	4-Bromofluorobenzene	SAMP	SURR	98	%	70-130
JD87492-27	1868-53-7	Dibromofluoromethane	SAMP	SURR	107	%	70-130
JD87492-27	2037-26-5	Toluene-D8	SAMP	SURR	93	%	70-130
JD87492-27	460-00-4	4-Bromofluorobenzene	SAMP	SURR	90	%	70-130
V1E8829	SW846 8260D						
V1E8829-BS	67-64-1	Acetone	BSP	REC	134	%	70-130
V1E8829-BS	107-13-1	Acrylonitrile	BSP	REC	108	%	70-130
V1E8829-BS	71-43-2	Benzene	BSP	REC	86	%	70-130
V1E8829-BS	108-86-1	Bromobenzene	BSP	REC	87	%	70-130
V1E8829-BS	75-27-4	Bromodichloromethane	BSP	REC	88	%	70-130
V1E8829-BS	75-25-2	Bromoform	BSP	REC	100	%	70-130
V1E8829-BS	74-83-9	Bromomethane	BSP	REC	111	%	70-130
V1E8829-BS	78-93-3	2-Butanone (MEK)	BSP	REC	112	%	70-130
V1E8829-BS	104-51-8	n-Butylbenzene	BSP	REC	84	%	70-130
V1E8829-BS	135-98-8	sec-Butylbenzene	BSP	REC	83	%	70-130
V1E8829-BS	98-06-6	tert-Butylbenzene	BSP	REC	82	%	70-130
V1E8829-BS	75-15-0	Carbon disulfide	BSP	REC	101	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V1E8829-BS	56-23-5	Carbon tetrachloride	BSP	REC	86	%	70-130
V1E8829-BS	108-90-7	Chlorobenzene	BSP	REC	88	%	70-130
V1E8829-BS	75-00-3	Chloroethane	BSP	REC	110	%	70-130
V1E8829-BS	67-66-3	Chloroform	BSP	REC	80	%	70-130
V1E8829-BS	74-87-3	Chloromethane	BSP	REC	145 [b]	%	70-130
V1E8829-BS	95-49-8	o-Chlorotoluene	BSP	REC	84	%	70-130
V1E8829-BS	106-43-4	p-Chlorotoluene	BSP	REC	80	%	70-130
V1E8829-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	90	%	70-130
V1E8829-BS	124-48-1	Dibromochloromethane	BSP	REC	94	%	70-130
V1E8829-BS	106-93-4	1,2-Dibromoethane	BSP	REC	88	%	70-130
V1E8829-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	88	%	70-130
V1E8829-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	86	%	70-130
V1E8829-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	84	%	70-130
V1E8829-BS	110-57-6	Trans-1,4-Dichloro-2-Butene	BSP	REC	71	%	70-130
V1E8829-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	86	%	70-130
V1E8829-BS	75-34-3	1,1-Dichloroethane	BSP	REC	86	%	70-130
V1E8829-BS	107-06-2	1,2-Dichloroethane	BSP	REC	83	%	70-130
V1E8829-BS	75-35-4	1,1-Dichloroethene	BSP	REC	104	%	70-130
V1E8829-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	92	%	70-130
V1E8829-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	100	%	70-130
V1E8829-BS	78-87-5	1,2-Dichloropropane	BSP	REC	88	%	70-130
V1E8829-BS	142-28-9	1,3-Dichloropropane	BSP	REC	87	%	70-130
V1E8829-BS	594-20-7	2,2-Dichloropropane	BSP	REC	81	%	70-130
V1E8829-BS	563-58-6	1,1-Dichloropropene	BSP	REC	88	%	70-130
V1E8829-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	89	%	70-130
V1E8829-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	86	%	70-130
V1E8829-BS	100-41-4	Ethylbenzene	BSP	REC	83	%	70-130
V1E8829-BS	76-13-1	Freon 113	BSP	REC	121	%	70-130
V1E8829-BS	87-68-3	Hexachlorobutadiene	BSP	REC	82	%	70-130
V1E8829-BS	591-78-6	2-Hexanone	BSP	REC	97	%	70-130
V1E8829-BS	98-82-8	Isopropylbenzene	BSP	REC	85	%	70-130
V1E8829-BS	99-87-6	p-Isopropyltoluene	BSP	REC	85	%	70-130
V1E8829-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	106	%	70-130
V1E8829-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	99	%	70-130
V1E8829-BS	74-95-3	Methylene bromide	BSP	REC	93	%	70-130
V1E8829-BS	75-09-2	Methylene chloride	BSP	REC	109	%	70-130
V1E8829-BS	91-20-3	Naphthalene	BSP	REC	87	%	70-130
V1E8829-BS	103-65-1	n-Propylbenzene	BSP	REC	79	%	70-130
V1E8829-BS	100-42-5	Styrene	BSP	REC	89	%	70-130
V1E8829-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	94	%	70-130
V1E8829-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	92	%	70-130
V1E8829-BS	127-18-4	Tetrachloroethene	BSP	REC	88	%	70-130
V1E8829-BS	109-99-9	Tetrahydrofuran	BSP	REC	100	%	70-130
V1E8829-BS	108-88-3	Toluene	BSP	REC	81 [c]	%	70-130
V1E8829-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	88	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V1E8829-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	87	%	70-130
V1E8829-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	87	%	70-130
V1E8829-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	85	%	70-130
V1E8829-BS	79-01-6	Trichloroethene	BSP	REC	91	%	70-130
V1E8829-BS	75-69-4	Trichlorofluoromethane	BSP	REC	108	%	70-130
V1E8829-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	90	%	70-130
V1E8829-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	82	%	70-130
V1E8829-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	82	%	70-130
V1E8829-BS	75-01-4	Vinyl chloride	BSP	REC	95	%	70-130
V1E8829-BS		m,p-Xylene	BSP	REC	85	%	70-130
V1E8829-BS	95-47-6	o-Xylene	BSP	REC	86	%	70-130
V1E8829-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	104	%	70-130
V1E8829-BS	2037-26-5	Toluene-D8	BSP	SURR	95	%	70-130
V1E8829-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	90	%	70-130
V1E8829-MB	1868-53-7	Dibromofluoromethane	MB	SURR	117	%	70-130
V1E8829-MB	2037-26-5	Toluene-D8	MB	SURR	97	%	70-130
V1E8829-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	95	%	70-130
JD87492-15	1868-53-7	Dibromofluoromethane	SAMP	SURR	103	%	70-130
JD87492-15	2037-26-5	Toluene-D8	SAMP	SURR	98	%	70-130
JD87492-15	460-00-4	4-Bromofluorobenzene	SAMP	SURR	92	%	70-130
JD87492-16	1868-53-7	Dibromofluoromethane	SAMP	SURR	100	%	70-130
JD87492-16	2037-26-5	Toluene-D8	SAMP	SURR	99	%	70-130
JD87492-16	460-00-4	4-Bromofluorobenzene	SAMP	SURR	92	%	70-130
V1K453	SW846 8260D						
V1K453-BS	67-64-1	Acetone	BSP	REC	94	%	70-130
V1K453-BS	107-13-1	Acrylonitrile	BSP	REC	132	%	70-130
V1K453-BS	71-43-2	Benzene	BSP	REC	100	%	70-130
V1K453-BS	108-86-1	Bromobenzene	BSP	REC	98	%	70-130
V1K453-BS	75-27-4	Bromodichloromethane	BSP	REC	100	%	70-130
V1K453-BS	75-25-2	Bromoform	BSP	REC	95	%	70-130
V1K453-BS	74-83-9	Bromomethane	BSP	REC	109	%	70-130
V1K453-BS	78-93-3	2-Butanone (MEK)	BSP	REC	110	%	70-130
V1K453-BS	104-51-8	n-Butylbenzene	BSP	REC	106	%	70-130
V1K453-BS	135-98-8	sec-Butylbenzene	BSP	REC	104	%	70-130
V1K453-BS	98-06-6	tert-Butylbenzene	BSP	REC	106	%	70-130
V1K453-BS	75-15-0	Carbon disulfide	BSP	REC	104	%	70-130
V1K453-BS	56-23-5	Carbon tetrachloride	BSP	REC	110	%	70-130
V1K453-BS	108-90-7	Chlorobenzene	BSP	REC	100	%	70-130
V1K453-BS	75-00-3	Chloroethane	BSP	REC	93	%	70-130
V1K453-BS	67-66-3	Chloroform	BSP	REC	106	%	70-130
V1K453-BS	74-87-3	Chloromethane	BSP	REC	114	%	70-130
V1K453-BS	95-49-8	o-Chlorotoluene	BSP	REC	104	%	70-130
V1K453-BS	106-43-4	p-Chlorotoluene	BSP	REC	106	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V1K453-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	102	%	70-130
V1K453-BS	124-48-1	Dibromochloromethane	BSP	REC	101	%	70-130
V1K453-BS	106-93-4	1,2-Dibromoethane	BSP	REC	104	%	70-130
V1K453-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	100	%	70-130
V1K453-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	101	%	70-130
V1K453-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	102	%	70-130
V1K453-BS	110-57-6	Trans-1,4-Dichloro-2-Butene	BSP	REC	99	%	70-130
V1K453-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	114	%	70-130
V1K453-BS	75-34-3	1,1-Dichloroethane	BSP	REC	108	%	70-130
V1K453-BS	107-06-2	1,2-Dichloroethane	BSP	REC	97	%	70-130
V1K453-BS	75-35-4	1,1-Dichloroethene	BSP	REC	112	%	70-130
V1K453-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	112	%	70-130
V1K453-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	112	%	70-130
V1K453-BS	78-87-5	1,2-Dichloropropane	BSP	REC	96	%	70-130
V1K453-BS	142-28-9	1,3-Dichloropropane	BSP	REC	102	%	70-130
V1K453-BS	594-20-7	2,2-Dichloropropane	BSP	REC	114	%	70-130
V1K453-BS	563-58-6	1,1-Dichloropropene	BSP	REC	115	%	70-130
V1K453-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	102	%	70-130
V1K453-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	103	%	70-130
V1K453-BS	100-41-4	Ethylbenzene	BSP	REC	98	%	70-130
V1K453-BS	76-13-1	Freon 113	BSP	REC	116	%	70-130
V1K453-BS	87-68-3	Hexachlorobutadiene	BSP	REC	102	%	70-130
V1K453-BS	591-78-6	2-Hexanone	BSP	REC	91	%	70-130
V1K453-BS	98-82-8	Isopropylbenzene	BSP	REC	102	%	70-130
V1K453-BS	99-87-6	p-Isopropyltoluene	BSP	REC	108	%	70-130
V1K453-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	114	%	70-130
V1K453-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	93	%	70-130
V1K453-BS	74-95-3	Methylene bromide	BSP	REC	98	%	70-130
V1K453-BS	75-09-2	Methylene chloride	BSP	REC	111	%	70-130
V1K453-BS	91-20-3	Naphthalene	BSP	REC	107	%	70-130
V1K453-BS	103-65-1	n-Propylbenzene	BSP	REC	104	%	70-130
V1K453-BS	100-42-5	Styrene	BSP	REC	101	%	70-130
V1K453-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	98	%	70-130
V1K453-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	103	%	70-130
V1K453-BS	127-18-4	Tetrachloroethene	BSP	REC	99	%	70-130
V1K453-BS	109-99-9	Tetrahydrofuran	BSP	REC	125	%	70-130
V1K453-BS	108-88-3	Toluene	BSP	REC	101	%	70-130
V1K453-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	95	%	70-130
V1K453-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	99	%	70-130
V1K453-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	115	%	70-130
V1K453-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	102	%	70-130
V1K453-BS	79-01-6	Trichloroethene	BSP	REC	101	%	70-130
V1K453-BS	75-69-4	Trichlorofluoromethane	BSP	REC	131	%	70-130
V1K453-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	106	%	70-130
V1K453-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	106	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V1K453-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	107	%	70-130
V1K453-BS	75-01-4	Vinyl chloride	BSP	REC	121	%	70-130
V1K453-BS		m,p-Xylene	BSP	REC	103	%	70-130
V1K453-BS	95-47-6	o-Xylene	BSP	REC	102	%	70-130
V1K453-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	110	%	70-130
V1K453-BS	2037-26-5	Toluene-D8	BSP	SURR	100	%	70-130
V1K453-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	104	%	70-130
JD87492-34MS	67-64-1	Acetone	MS	REC	53	%	70-130
JD87492-34MS	107-13-1	Acrylonitrile	MS	REC	90	%	70-130
JD87492-34MS	71-43-2	Benzene	MS	REC	80	%	70-130
JD87492-34MS	108-86-1	Bromobenzene	MS	REC	81	%	70-130
JD87492-34MS	75-27-4	Bromodichloromethane	MS	REC	76	%	70-130
JD87492-34MS	75-25-2	Bromoform	MS	REC	70	%	70-130
JD87492-34MS	74-83-9	Bromomethane	MS	REC	66	%	70-130
JD87492-34MS	78-93-3	2-Butanone (MEK)	MS	REC	86	%	70-130
JD87492-34MS	104-51-8	n-Butylbenzene	MS	REC	88	%	70-130
JD87492-34MS	135-98-8	sec-Butylbenzene	MS	REC	85	%	70-130
JD87492-34MS	98-06-6	tert-Butylbenzene	MS	REC	87	%	70-130
JD87492-34MS	75-15-0	Carbon disulfide	MS	REC	66	%	70-130
JD87492-34MS	56-23-5	Carbon tetrachloride	MS	REC	70	%	70-130
JD87492-34MS	108-90-7	Chlorobenzene	MS	REC	84	%	70-130
JD87492-34MS	75-00-3	Chloroethane	MS	REC	51	%	70-130
JD87492-34MS	67-66-3	Chloroform	MS	REC	78	%	70-130
JD87492-34MS	74-87-3	Chloromethane	MS	REC	86	%	70-130
JD87492-34MS	95-49-8	o-Chlorotoluene	MS	REC	86	%	70-130
JD87492-34MS	106-43-4	p-Chlorotoluene	MS	REC	87	%	70-130
JD87492-34MS	96-12-8	1,2-Dibromo-3-chloropropane	MS	REC	80	%	70-130
JD87492-34MS	124-48-1	Dibromochloromethane	MS	REC	78	%	70-130
JD87492-34MS	106-93-4	1,2-Dibromoethane	MS	REC	86	%	70-130
JD87492-34MS	95-50-1	1,2-Dichlorobenzene	MS	REC	84	%	70-130
JD87492-34MS	541-73-1	1,3-Dichlorobenzene	MS	REC	83	%	70-130
JD87492-34MS	106-46-7	1,4-Dichlorobenzene	MS	REC	84	%	70-130
JD87492-34MS	110-57-6	Trans-1,4-Dichloro-2-Butene	MS	REC	72	%	70-130
JD87492-34MS	75-71-8	Dichlorodifluoromethane	MS	REC	81	%	70-130
JD87492-34MS	75-34-3	1,1-Dichloroethane	MS	REC	83	%	70-130
JD87492-34MS	107-06-2	1,2-Dichloroethane	MS	REC	76	%	70-130
JD87492-34MS	75-35-4	1,1-Dichloroethene	MS	REC	57 [d]	%	70-130
JD87492-34MS	156-59-2	cis-1,2-Dichloroethene	MS	REC	84	%	70-130
JD87492-34MS	156-60-5	trans-1,2-Dichloroethene	MS	REC	82	%	70-130
JD87492-34MS	78-87-5	1,2-Dichloropropane	MS	REC	79	%	70-130
JD87492-34MS	142-28-9	1,3-Dichloropropane	MS	REC	83	%	70-130
JD87492-34MS	594-20-7	2,2-Dichloropropane	MS	REC	84	%	70-130
JD87492-34MS	563-58-6	1,1-Dichloropropene	MS	REC	86	%	70-130
JD87492-34MS	10061-01-5	cis-1,3-Dichloropropene	MS	REC	81	%	70-130
JD87492-34MS	10061-02-6	trans-1,3-Dichloropropene	MS	REC	85	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-34MS	100-41-4	Ethylbenzene	MS	REC	82	%	70-130
JD87492-34MS	76-13-1	Freon 113	MS	REC	57	%	70-130
JD87492-34MS	87-68-3	Hexachlorobutadiene	MS	REC	85	%	70-130
JD87492-34MS	591-78-6	2-Hexanone	MS	REC	81	%	70-130
JD87492-34MS	98-82-8	Isopropylbenzene	MS	REC	84	%	70-130
JD87492-34MS	99-87-6	p-Isopropyltoluene	MS	REC	90	%	70-130
JD87492-34MS	1634-04-4	Methyl Tert Butyl Ether	MS	REC	85	%	70-130
JD87492-34MS	108-10-1	4-Methyl-2-pentanone(MIBK)	MS	REC	78	%	70-130
JD87492-34MS	74-95-3	Methylene bromide	MS	REC	79	%	70-130
JD87492-34MS	75-09-2	Methylene chloride	MS	REC	86	%	70-130
JD87492-34MS	91-20-3	Naphthalene	MS	REC	86	%	70-130
JD87492-34MS	103-65-1	n-Propylbenzene	MS	REC	85	%	70-130
JD87492-34MS	100-42-5	Styrene	MS	REC	83	%	70-130
JD87492-34MS	630-20-6	1,1,1,2-Tetrachloroethane	MS	REC	79	%	70-130
JD87492-34MS	79-34-5	1,1,2,2-Tetrachloroethane	MS	REC	92	%	70-130
JD87492-34MS	127-18-4	Tetrachloroethene	MS	REC	80	%	70-130
JD87492-34MS	109-99-9	Tetrahydrofuran	MS	REC	83	%	70-130
JD87492-34MS	108-88-3	Toluene	MS	REC	84	%	70-130
JD87492-34MS	87-61-6	1,2,3-Trichlorobenzene	MS	REC	79	%	70-130
JD87492-34MS	120-82-1	1,2,4-Trichlorobenzene	MS	REC	84	%	70-130
JD87492-34MS	71-55-6	1,1,1-Trichloroethane	MS	REC	84	%	70-130
JD87492-34MS	79-00-5	1,1,2-Trichloroethane	MS	REC	108	%	70-130
JD87492-34MS	79-01-6	Trichloroethene	MS	REC	76	%	70-130
JD87492-34MS	75-69-4	Trichlorofluoromethane	MS	REC	71	%	70-130
JD87492-34MS	96-18-4	1,2,3-Trichloropropane	MS	REC	92	%	70-130
JD87492-34MS	95-63-6	1,2,4-Trimethylbenzene	MS	REC	86	%	70-130
JD87492-34MS	108-67-8	1,3,5-Trimethylbenzene	MS	REC	88	%	70-130
JD87492-34MS	75-01-4	Vinyl chloride	MS	REC	95	%	70-130
JD87492-34MS		m,p-Xylene	MS	REC	87	%	70-130
JD87492-34MS	95-47-6	o-Xylene	MS	REC	86	%	70-130
JD87492-34MS	1868-53-7	Dibromofluoromethane	MS	SURR	100	%	70-130
JD87492-34MS	2037-26-5	Toluene-D8	MS	SURR	103	%	70-130
JD87492-34MS	460-00-4	4-Bromofluorobenzene	MS	SURR	104	%	70-130
JD87492-34MSD	67-64-1	Acetone	MSD	REC	55	%	70-130
JD87492-34MSD	67-64-1	Acetone	MSD	RPD	3	%	30
JD87492-34MSD	107-13-1	Acrylonitrile	MSD	REC	97	%	70-130
JD87492-34MSD	107-13-1	Acrylonitrile	MSD	RPD	7	%	30
JD87492-34MSD	71-43-2	Benzene	MSD	REC	81	%	70-130
JD87492-34MSD	71-43-2	Benzene	MSD	RPD	1	%	30
JD87492-34MSD	108-86-1	Bromobenzene	MSD	REC	80	%	70-130
JD87492-34MSD	108-86-1	Bromobenzene	MSD	RPD	0	%	30
JD87492-34MSD	75-27-4	Bromodichloromethane	MSD	REC	77	%	70-130
JD87492-34MSD	75-27-4	Bromodichloromethane	MSD	RPD	1	%	30
JD87492-34MSD	75-25-2	Bromoform	MSD	REC	70	%	70-130
JD87492-34MSD	75-25-2	Bromoform	MSD	RPD	0	%	30

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-34MSD	74-83-9	Bromomethane	MSD	REC	71	%	70-130
JD87492-34MSD	74-83-9	Bromomethane	MSD	RPD	7	%	30
JD87492-34MSD	78-93-3	2-Butanone (MEK)	MSD	REC	89	%	70-130
JD87492-34MSD	78-93-3	2-Butanone (MEK)	MSD	RPD	4	%	30
JD87492-34MSD	104-51-8	n-Butylbenzene	MSD	REC	87	%	70-130
JD87492-34MSD	104-51-8	n-Butylbenzene	MSD	RPD	2	%	30
JD87492-34MSD	135-98-8	sec-Butylbenzene	MSD	REC	83	%	70-130
JD87492-34MSD	135-98-8	sec-Butylbenzene	MSD	RPD	2	%	30
JD87492-34MSD	98-06-6	tert-Butylbenzene	MSD	REC	85	%	70-130
JD87492-34MSD	98-06-6	tert-Butylbenzene	MSD	RPD	3	%	30
JD87492-34MSD	75-15-0	Carbon disulfide	MSD	REC	70	%	70-130
JD87492-34MSD	75-15-0	Carbon disulfide	MSD	RPD	6	%	30
JD87492-34MSD	56-23-5	Carbon tetrachloride	MSD	REC	77	%	70-130
JD87492-34MSD	56-23-5	Carbon tetrachloride	MSD	RPD	10	%	30
JD87492-34MSD	108-90-7	Chlorobenzene	MSD	REC	82	%	70-130
JD87492-34MSD	108-90-7	Chlorobenzene	MSD	RPD	2	%	30
JD87492-34MSD	75-00-3	Chloroethane	MSD	REC	53	%	70-130
JD87492-34MSD	75-00-3	Chloroethane	MSD	RPD	6	%	30
JD87492-34MSD	67-66-3	Chloroform	MSD	REC	88	%	70-130
JD87492-34MSD	67-66-3	Chloroform	MSD	RPD	12	%	30
JD87492-34MSD	74-87-3	Chloromethane	MSD	REC	93	%	70-130
JD87492-34MSD	74-87-3	Chloromethane	MSD	RPD	8	%	30
JD87492-34MSD	95-49-8	o-Chlorotoluene	MSD	REC	85	%	70-130
JD87492-34MSD	95-49-8	o-Chlorotoluene	MSD	RPD	0	%	30
JD87492-34MSD	106-43-4	p-Chlorotoluene	MSD	REC	85	%	70-130
JD87492-34MSD	106-43-4	p-Chlorotoluene	MSD	RPD	1	%	30
JD87492-34MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	REC	78	%	70-130
JD87492-34MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	RPD	3	%	30
JD87492-34MSD	124-48-1	Dibromochloromethane	MSD	REC	77	%	70-130
JD87492-34MSD	124-48-1	Dibromochloromethane	MSD	RPD	1	%	30
JD87492-34MSD	106-93-4	1,2-Dibromoethane	MSD	REC	85	%	70-130
JD87492-34MSD	106-93-4	1,2-Dibromoethane	MSD	RPD	1	%	30
JD87492-34MSD	95-50-1	1,2-Dichlorobenzene	MSD	REC	82	%	70-130
JD87492-34MSD	95-50-1	1,2-Dichlorobenzene	MSD	RPD	2	%	30
JD87492-34MSD	541-73-1	1,3-Dichlorobenzene	MSD	REC	81	%	70-130
JD87492-34MSD	541-73-1	1,3-Dichlorobenzene	MSD	RPD	2	%	30
JD87492-34MSD	106-46-7	1,4-Dichlorobenzene	MSD	REC	81	%	70-130
JD87492-34MSD	106-46-7	1,4-Dichlorobenzene	MSD	RPD	3	%	30
JD87492-34MSD	110-57-6	Trans-1,4-Dichloro-2-Butene	MSD	REC	72	%	70-130
JD87492-34MSD	110-57-6	Trans-1,4-Dichloro-2-Butene	MSD	RPD	0	%	30
JD87492-34MSD	75-71-8	Dichlorodifluoromethane	MSD	REC	89	%	70-130
JD87492-34MSD	75-71-8	Dichlorodifluoromethane	MSD	RPD	9	%	30
JD87492-34MSD	75-34-3	1,1-Dichloroethane	MSD	REC	84	%	70-130
JD87492-34MSD	75-34-3	1,1-Dichloroethane	MSD	RPD	1	%	30
JD87492-34MSD	107-06-2	1,2-Dichloroethane	MSD	REC	77	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-34MSD	107-06-2	1,2-Dichloroethane	MSD	RPD	2	%	30
JD87492-34MSD	75-35-4	1,1-Dichloroethene	MSD	REC	60	%	70-130
JD87492-34MSD	75-35-4	1,1-Dichloroethene	MSD	RPD	7	%	30
JD87492-34MSD	156-59-2	cis-1,2-Dichloroethene	MSD	REC	89	%	70-130
JD87492-34MSD	156-59-2	cis-1,2-Dichloroethene	MSD	RPD	7	%	30
JD87492-34MSD	156-60-5	trans-1,2-Dichloroethene	MSD	REC	87	%	70-130
JD87492-34MSD	156-60-5	trans-1,2-Dichloroethene	MSD	RPD	7	%	30
JD87492-34MSD	78-87-5	1,2-Dichloropropane	MSD	REC	77	%	70-130
JD87492-34MSD	78-87-5	1,2-Dichloropropane	MSD	RPD	2	%	30
JD87492-34MSD	142-28-9	1,3-Dichloropropane	MSD	REC	83	%	70-130
JD87492-34MSD	142-28-9	1,3-Dichloropropane	MSD	RPD	1	%	30
JD87492-34MSD	594-20-7	2,2-Dichloropropane	MSD	REC	88	%	70-130
JD87492-34MSD	594-20-7	2,2-Dichloropropane	MSD	RPD	4	%	30
JD87492-34MSD	563-58-6	1,1-Dichloropropene	MSD	REC	91	%	70-130
JD87492-34MSD	563-58-6	1,1-Dichloropropene	MSD	RPD	6	%	30
JD87492-34MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	REC	82	%	70-130
JD87492-34MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	RPD	0	%	30
JD87492-34MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	REC	85	%	70-130
JD87492-34MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	RPD	1	%	30
JD87492-34MSD	100-41-4	Ethylbenzene	MSD	REC	81	%	70-130
JD87492-34MSD	100-41-4	Ethylbenzene	MSD	RPD	2	%	30
JD87492-34MSD	76-13-1	Freon 113	MSD	REC	62	%	70-130
JD87492-34MSD	76-13-1	Freon 113	MSD	RPD	9	%	30
JD87492-34MSD	87-68-3	Hexachlorobutadiene	MSD	REC	85	%	70-130
JD87492-34MSD	87-68-3	Hexachlorobutadiene	MSD	RPD	0	%	30
JD87492-34MSD	591-78-6	2-Hexanone	MSD	REC	78	%	70-130
JD87492-34MSD	591-78-6	2-Hexanone	MSD	RPD	3	%	30
JD87492-34MSD	98-82-8	Isopropylbenzene	MSD	REC	83	%	70-130
JD87492-34MSD	98-82-8	Isopropylbenzene	MSD	RPD	2	%	30
JD87492-34MSD	99-87-6	p-Isopropyltoluene	MSD	REC	87	%	70-130
JD87492-34MSD	99-87-6	p-Isopropyltoluene	MSD	RPD	3	%	30
JD87492-34MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	REC	86	%	70-130
JD87492-34MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	RPD	2	%	30
JD87492-34MSD	108-10-1	4-Methyl-2-pentanone(MIBK)	MSD	REC	77	%	70-130
JD87492-34MSD	108-10-1	4-Methyl-2-pentanone(MIBK)	MSD	RPD	1	%	30
JD87492-34MSD	74-95-3	Methylene bromide	MSD	REC	79	%	70-130
JD87492-34MSD	74-95-3	Methylene bromide	MSD	RPD	0	%	30
JD87492-34MSD	75-09-2	Methylene chloride	MSD	REC	89	%	70-130
JD87492-34MSD	75-09-2	Methylene chloride	MSD	RPD	3	%	30
JD87492-34MSD	91-20-3	Naphthalene	MSD	REC	83	%	70-130
JD87492-34MSD	91-20-3	Naphthalene	MSD	RPD	3	%	30
JD87492-34MSD	103-65-1	n-Propylbenzene	MSD	REC	82	%	70-130
JD87492-34MSD	103-65-1	n-Propylbenzene	MSD	RPD	3	%	30
JD87492-34MSD	100-42-5	Styrene	MSD	REC	82	%	70-130
JD87492-34MSD	100-42-5	Styrene	MSD	RPD	1	%	30

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-34MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	REC	78	%	70-130
JD87492-34MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	RPD	2	%	30
JD87492-34MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	REC	90	%	70-130
JD87492-34MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	RPD	2	%	30
JD87492-34MSD	127-18-4	Tetrachloroethene	MSD	REC	80	%	70-130
JD87492-34MSD	127-18-4	Tetrachloroethene	MSD	RPD	0	%	30
JD87492-34MSD	109-99-9	Tetrahydrofuran	MSD	REC	87	%	70-130
JD87492-34MSD	109-99-9	Tetrahydrofuran	MSD	RPD	5	%	30
JD87492-34MSD	108-88-3	Toluene	MSD	REC	85	%	70-130
JD87492-34MSD	108-88-3	Toluene	MSD	RPD	1	%	30
JD87492-34MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	REC	78	%	70-130
JD87492-34MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	RPD	1	%	30
JD87492-34MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	REC	82	%	70-130
JD87492-34MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	RPD	2	%	30
JD87492-34MSD	71-55-6	1,1,1-Trichloroethane	MSD	REC	91	%	70-130
JD87492-34MSD	71-55-6	1,1,1-Trichloroethane	MSD	RPD	8	%	30
JD87492-34MSD	79-00-5	1,1,2-Trichloroethane	MSD	REC	104	%	70-130
JD87492-34MSD	79-00-5	1,1,2-Trichloroethane	MSD	RPD	4	%	30
JD87492-34MSD	79-01-6	Trichloroethene	MSD	REC	80	%	70-130
JD87492-34MSD	79-01-6	Trichloroethene	MSD	RPD	6	%	30
JD87492-34MSD	75-69-4	Trichlorofluoromethane	MSD	REC	78	%	70-130
JD87492-34MSD	75-69-4	Trichlorofluoromethane	MSD	RPD	10	%	30
JD87492-34MSD	96-18-4	1,2,3-Trichloropropane	MSD	REC	88	%	70-130
JD87492-34MSD	96-18-4	1,2,3-Trichloropropane	MSD	RPD	4	%	30
JD87492-34MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	REC	81	%	70-130
JD87492-34MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	RPD	4	%	30
JD87492-34MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	REC	85	%	70-130
JD87492-34MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	RPD	3	%	30
JD87492-34MSD	75-01-4	Vinyl chloride	MSD	REC	103	%	70-130
JD87492-34MSD	75-01-4	Vinyl chloride	MSD	RPD	8	%	30
JD87492-34MSD		m,p-Xylene	MSD	REC	84	%	70-130
JD87492-34MSD		m,p-Xylene	MSD	RPD	3	%	30
JD87492-34MSD	95-47-6	o-Xylene	MSD	REC	83	%	70-130
JD87492-34MSD	95-47-6	o-Xylene	MSD	RPD	3	%	30
JD87492-34MSD	1868-53-7	Dibromofluoromethane	MSD	SURR	107	%	70-130
JD87492-34MSD	2037-26-5	Toluene-D8	MSD	SURR	102	%	70-130
JD87492-34MSD	460-00-4	4-Bromofluorobenzene	MSD	SURR	103	%	70-130
V1K453-MB	1868-53-7	Dibromofluoromethane	MB	SURR	102	%	70-130
V1K453-MB	2037-26-5	Toluene-D8	MB	SURR	103	%	70-130
V1K453-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	103	%	70-130
JD87492-34	1868-53-7	Dibromofluoromethane	SAMP	SURR	100	%	70-130
JD87492-34	2037-26-5	Toluene-D8	SAMP	SURR	102	%	70-130
JD87492-34	460-00-4	4-Bromofluorobenzene	SAMP	SURR	106	%	70-130
JD87492-37	1868-53-7	Dibromofluoromethane	SAMP	SURR	102	%	70-130
JD87492-37	2037-26-5	Toluene-D8	SAMP	SURR	103	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-37	460-00-4	4-Bromofluorobenzene	SAMP	SURR	113	%	70-130
JD87492-38	1868-53-7	Dibromofluoromethane	SAMP	SURR	104	%	70-130
JD87492-38	2037-26-5	Toluene-D8	SAMP	SURR	103	%	70-130
JD87492-38	460-00-4	4-Bromofluorobenzene	SAMP	SURR	108	%	70-130
JD87492-39	1868-53-7	Dibromofluoromethane	SAMP	SURR	100	%	70-130
JD87492-39	2037-26-5	Toluene-D8	SAMP	SURR	102	%	70-130
JD87492-39	460-00-4	4-Bromofluorobenzene	SAMP	SURR	107	%	70-130
V1K454	SW846 8260D						
V1K454-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	94	%	70-130
V1K454-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	107	%	70-130
V1K454-BS	2037-26-5	Toluene-D8	BSP	SURR	99	%	70-130
V1K454-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	102	%	70-130
V1K454-MB	1868-53-7	Dibromofluoromethane	MB	SURR	102	%	70-130
V1K454-MB	2037-26-5	Toluene-D8	MB	SURR	102	%	70-130
V1K454-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	106	%	70-130
JD87492-38	1868-53-7	Dibromofluoromethane	SAMP	SURR	106	%	70-130
JD87492-38	2037-26-5	Toluene-D8	SAMP	SURR	101	%	70-130
JD87492-38	460-00-4	4-Bromofluorobenzene	SAMP	SURR	107	%	70-130
V1K457	SW846 8260D						
V1K457-BS	67-64-1	Acetone	BSP	REC	90	%	70-130
V1K457-BS	107-13-1	Acrylonitrile	BSP	REC	94	%	70-130
V1K457-BS	71-43-2	Benzene	BSP	REC	88	%	70-130
V1K457-BS	108-86-1	Bromobenzene	BSP	REC	90	%	70-130
V1K457-BS	75-27-4	Bromodichloromethane	BSP	REC	89	%	70-130
V1K457-BS	75-25-2	Bromoform	BSP	REC	84	%	70-130
V1K457-BS	74-83-9	Bromomethane	BSP	REC	89	%	70-130
V1K457-BS	78-93-3	2-Butanone (MEK)	BSP	REC	101	%	70-130
V1K457-BS	104-51-8	n-Butylbenzene	BSP	REC	94	%	70-130
V1K457-BS	135-98-8	sec-Butylbenzene	BSP	REC	94	%	70-130
V1K457-BS	98-06-6	tert-Butylbenzene	BSP	REC	96	%	70-130
V1K457-BS	75-15-0	Carbon disulfide	BSP	REC	90	%	70-130
V1K457-BS	56-23-5	Carbon tetrachloride	BSP	REC	89	%	70-130
V1K457-BS	108-90-7	Chlorobenzene	BSP	REC	89	%	70-130
V1K457-BS	75-00-3	Chloroethane	BSP	REC	79	%	70-130
V1K457-BS	67-66-3	Chloroform	BSP	REC	94	%	70-130
V1K457-BS	74-87-3	Chloromethane	BSP	REC	94	%	70-130
V1K457-BS	95-49-8	o-Chlorotoluene	BSP	REC	94	%	70-130
V1K457-BS	106-43-4	p-Chlorotoluene	BSP	REC	95	%	70-130
V1K457-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	91	%	70-130
V1K457-BS	124-48-1	Dibromochloromethane	BSP	REC	91	%	70-130
V1K457-BS	106-93-4	1,2-Dibromoethane	BSP	REC	94	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V1K457-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	91	%	70-130
V1K457-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	91	%	70-130
V1K457-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	90	%	70-130
V1K457-BS	110-57-6	Trans-1,4-Dichloro-2-Butene	BSP	REC	75	%	70-130
V1K457-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	84	%	70-130
V1K457-BS	75-34-3	1,1-Dichloroethane	BSP	REC	91	%	70-130
V1K457-BS	107-06-2	1,2-Dichloroethane	BSP	REC	87	%	70-130
V1K457-BS	75-35-4	1,1-Dichloroethene	BSP	REC	92	%	70-130
V1K457-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	90	%	70-130
V1K457-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	91	%	70-130
V1K457-BS	78-87-5	1,2-Dichloropropane	BSP	REC	86	%	70-130
V1K457-BS	142-28-9	1,3-Dichloropropane	BSP	REC	93	%	70-130
V1K457-BS	594-20-7	2,2-Dichloropropane	BSP	REC	91	%	70-130
V1K457-BS	563-58-6	1,1-Dichloropropene	BSP	REC	95	%	70-130
V1K457-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	92	%	70-130
V1K457-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	92	%	70-130
V1K457-BS	100-41-4	Ethylbenzene	BSP	REC	86	%	70-130
V1K457-BS	76-13-1	Freon 113	BSP	REC	93	%	70-130
V1K457-BS	87-68-3	Hexachlorobutadiene	BSP	REC	88	%	70-130
V1K457-BS	591-78-6	2-Hexanone	BSP	REC	88	%	70-130
V1K457-BS	98-82-8	Isopropylbenzene	BSP	REC	90	%	70-130
V1K457-BS	99-87-6	p-Isopropyltoluene	BSP	REC	96	%	70-130
V1K457-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	101	%	70-130
V1K457-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	89	%	70-130
V1K457-BS	74-95-3	Methylene bromide	BSP	REC	91	%	70-130
V1K457-BS	75-09-2	Methylene chloride	BSP	REC	90	%	70-130
V1K457-BS	91-20-3	Naphthalene	BSP	REC	100	%	70-130
V1K457-BS	103-65-1	n-Propylbenzene	BSP	REC	93	%	70-130
V1K457-BS	100-42-5	Styrene	BSP	REC	89	%	70-130
V1K457-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	88	%	70-130
V1K457-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	96	%	70-130
V1K457-BS	127-18-4	Tetrachloroethene	BSP	REC	87	%	70-130
V1K457-BS	109-99-9	Tetrahydrofuran	BSP	REC	99	%	70-130
V1K457-BS	108-88-3	Toluene	BSP	REC	88	%	70-130
V1K457-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	91	%	70-130
V1K457-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	92	%	70-130
V1K457-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	95	%	70-130
V1K457-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	93	%	70-130
V1K457-BS	79-01-6	Trichloroethene	BSP	REC	88	%	70-130
V1K457-BS	75-69-4	Trichlorofluoromethane	BSP	REC	100	%	70-130
V1K457-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	98	%	70-130
V1K457-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	94	%	70-130
V1K457-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	96	%	70-130
V1K457-BS	75-01-4	Vinyl chloride	BSP	REC	76	%	70-130
V1K457-BS		m,p-Xylene	BSP	REC	91	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V1K457-BS	95-47-6	o-Xylene	BSP	REC	90	%	70-130
V1K457-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	104	%	70-130
V1K457-BS	2037-26-5	Toluene-D8	BSP	SURR	98	%	70-130
V1K457-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	102	%	70-130
JD87492-22MS	67-64-1	Acetone	MS	REC	78	%	70-130
JD87492-22MS	107-13-1	Acrylonitrile	MS	REC	129	%	70-130
JD87492-22MS	71-43-2	Benzene	MS	REC	125	%	70-130
JD87492-22MS	108-86-1	Bromobenzene	MS	REC	122	%	70-130
JD87492-22MS	75-27-4	Bromodichloromethane	MS	REC	116	%	70-130
JD87492-22MS	75-25-2	Bromoform	MS	REC	103	%	70-130
JD87492-22MS	74-83-9	Bromomethane	MS	REC	98	%	70-130
JD87492-22MS	78-93-3	2-Butanone (MEK)	MS	REC	131	%	70-130
JD87492-22MS	104-51-8	n-Butylbenzene	MS	REC	137	%	70-130
JD87492-22MS	135-98-8	sec-Butylbenzene	MS	REC	132	%	70-130
JD87492-22MS	98-06-6	tert-Butylbenzene	MS	REC	133	%	70-130
JD87492-22MS	75-15-0	Carbon disulfide	MS	REC	109	%	70-130
JD87492-22MS	56-23-5	Carbon tetrachloride	MS	REC	114	%	70-130
JD87492-22MS	108-90-7	Chlorobenzene	MS	REC	122	%	70-130
JD87492-22MS	75-00-3	Chloroethane	MS	REC	77	%	70-130
JD87492-22MS	67-66-3	Chloroform	MS	REC	114	%	70-130
JD87492-22MS	74-87-3	Chloromethane	MS	REC	134	%	70-130
JD87492-22MS	95-49-8	o-Chlorotoluene	MS	REC	129	%	70-130
JD87492-22MS	106-43-4	p-Chlorotoluene	MS	REC	131	%	70-130
JD87492-22MS	96-12-8	1,2-Dibromo-3-chloropropane	MS	REC	122	%	70-130
JD87492-22MS	124-48-1	Dibromochloromethane	MS	REC	117	%	70-130
JD87492-22MS	106-93-4	1,2-Dibromoethane	MS	REC	127	%	70-130
JD87492-22MS	95-50-1	1,2-Dichlorobenzene	MS	REC	123	%	70-130
JD87492-22MS	541-73-1	1,3-Dichlorobenzene	MS	REC	125	%	70-130
JD87492-22MS	106-46-7	1,4-Dichlorobenzene	MS	REC	124	%	70-130
JD87492-22MS	110-57-6	Trans-1,4-Dichloro-2-Butene	MS	REC	112	%	70-130
JD87492-22MS	75-71-8	Dichlorodifluoromethane	MS	REC	120	%	70-130
JD87492-22MS	75-34-3	1,1-Dichloroethane	MS	REC	131	%	70-130
JD87492-22MS	107-06-2	1,2-Dichloroethane	MS	REC	119	%	70-130
JD87492-22MS	75-35-4	1,1-Dichloroethene	MS	REC	94	%	70-130
JD87492-22MS	156-59-2	cis-1,2-Dichloroethene	MS	REC	126	%	70-130
JD87492-22MS	156-60-5	trans-1,2-Dichloroethene	MS	REC	132 [d]	%	70-130
JD87492-22MS	78-87-5	1,2-Dichloropropane	MS	REC	120	%	70-130
JD87492-22MS	142-28-9	1,3-Dichloropropane	MS	REC	126 [d]	%	70-130
JD87492-22MS	594-20-7	2,2-Dichloropropane	MS	REC	122	%	70-130
JD87492-22MS	563-58-6	1,1-Dichloropropene	MS	REC	134 [d]	%	70-130
JD87492-22MS	10061-01-5	cis-1,3-Dichloropropene	MS	REC	125	%	70-130
JD87492-22MS	10061-02-6	trans-1,3-Dichloropropene	MS	REC	125	%	70-130
JD87492-22MS	100-41-4	Ethylbenzene	MS	REC	121	%	70-130
JD87492-22MS	76-13-1	Freon 113	MS	REC	90	%	70-130
JD87492-22MS	87-68-3	Hexachlorobutadiene	MS	REC	126	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-22MS	591-78-6	2-Hexanone	MS	REC	119	%	70-130
JD87492-22MS	98-82-8	Isopropylbenzene	MS	REC	127	%	70-130
JD87492-22MS	99-87-6	p-Isopropyltoluene	MS	REC	137	%	70-130
JD87492-22MS	1634-04-4	Methyl Tert Butyl Ether	MS	REC	127 [d]	%	70-130
JD87492-22MS	108-10-1	4-Methyl-2-pentanone(MIBK)	MS	REC	119	%	70-130
JD87492-22MS	74-95-3	Methylene bromide	MS	REC	120	%	70-130
JD87492-22MS	75-09-2	Methylene chloride	MS	REC	129 [d]	%	70-130
JD87492-22MS	91-20-3	Naphthalene	MS	REC	131	%	70-130
JD87492-22MS	103-65-1	n-Propylbenzene	MS	REC	131	%	70-130
JD87492-22MS	100-42-5	Styrene	MS	REC	123	%	70-130
JD87492-22MS	630-20-6	1,1,1,2-Tetrachloroethane	MS	REC	116	%	70-130
JD87492-22MS	79-34-5	1,1,2,2-Tetrachloroethane	MS	REC	135	%	70-130
JD87492-22MS	127-18-4	Tetrachloroethene	MS	REC	120	%	70-130
JD87492-22MS	109-99-9	Tetrahydrofuran	MS	REC	131	%	70-130
JD87492-22MS	108-88-3	Toluene	MS	REC	125	%	70-130
JD87492-22MS	87-61-6	1,2,3-Trichlorobenzene	MS	REC	122	%	70-130
JD87492-22MS	120-82-1	1,2,4-Trichlorobenzene	MS	REC	128	%	70-130
JD87492-22MS	71-55-6	1,1,1-Trichloroethane	MS	REC	131	%	70-130
JD87492-22MS	79-00-5	1,1,2-Trichloroethane	MS	REC	155 [d]	%	70-130
JD87492-22MS	79-01-6	Trichloroethene	MS	REC	122	%	70-130
JD87492-22MS	75-69-4	Trichlorofluoromethane	MS	REC	107	%	70-130
JD87492-22MS	96-18-4	1,2,3-Trichloropropane	MS	REC	134	%	70-130
JD87492-22MS	95-63-6	1,2,4-Trimethylbenzene	MS	REC	133	%	70-130
JD87492-22MS	108-67-8	1,3,5-Trimethylbenzene	MS	REC	133	%	70-130
JD87492-22MS	75-01-4	Vinyl chloride	MS	REC	117	%	70-130
JD87492-22MS		m,p-Xylene	MS	REC	128	%	70-130
JD87492-22MS	95-47-6	o-Xylene	MS	REC	123	%	70-130
JD87492-22MS	1868-53-7	Dibromofluoromethane	MS	SURR	101	%	70-130
JD87492-22MS	2037-26-5	Toluene-D8	MS	SURR	101	%	70-130
JD87492-22MS	460-00-4	4-Bromofluorobenzene	MS	SURR	105	%	70-130
JD87492-22MSD	67-64-1	Acetone	MSD	REC	56	%	70-130
JD87492-22MSD	67-64-1	Acetone	MSD	RPD	33 [d]	%	30
JD87492-22MSD	107-13-1	Acrylonitrile	MSD	REC	96	%	70-130
JD87492-22MSD	107-13-1	Acrylonitrile	MSD	RPD	29 [d]	%	30
JD87492-22MSD	71-43-2	Benzene	MSD	REC	83	%	70-130
JD87492-22MSD	71-43-2	Benzene	MSD	RPD	40 [d]	%	30
JD87492-22MSD	108-86-1	Bromobenzene	MSD	REC	83	%	70-130
JD87492-22MSD	108-86-1	Bromobenzene	MSD	RPD	38 [d]	%	30
JD87492-22MSD	75-27-4	Bromodichloromethane	MSD	REC	74	%	70-130
JD87492-22MSD	75-27-4	Bromodichloromethane	MSD	RPD	44 [d]	%	30
JD87492-22MSD	75-25-2	Bromoform	MSD	REC	67	%	70-130
JD87492-22MSD	75-25-2	Bromoform	MSD	RPD	42 [d]	%	30
JD87492-22MSD	74-83-9	Bromomethane	MSD	REC	73	%	70-130
JD87492-22MSD	74-83-9	Bromomethane	MSD	RPD	29	%	30
JD87492-22MSD	78-93-3	2-Butanone (MEK)	MSD	REC	88	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-22MSD	78-93-3	2-Butanone (MEK)	MSD	RPD	39 [d]	%	30
JD87492-22MSD	104-51-8	n-Butylbenzene	MSD	REC	91	%	70-130
JD87492-22MSD	104-51-8	n-Butylbenzene	MSD	RPD	39 [d]	%	30
JD87492-22MSD	135-98-8	sec-Butylbenzene	MSD	REC	88	%	70-130
JD87492-22MSD	135-98-8	sec-Butylbenzene	MSD	RPD	40 [d]	%	30
JD87492-22MSD	98-06-6	tert-Butylbenzene	MSD	REC	90	%	70-130
JD87492-22MSD	98-06-6	tert-Butylbenzene	MSD	RPD	38 [d]	%	30
JD87492-22MSD	75-15-0	Carbon disulfide	MSD	REC	76	%	70-130
JD87492-22MSD	75-15-0	Carbon disulfide	MSD	RPD	36 [d]	%	30
JD87492-22MSD	56-23-5	Carbon tetrachloride	MSD	REC	82	%	70-130
JD87492-22MSD	56-23-5	Carbon tetrachloride	MSD	RPD	33 [d]	%	30
JD87492-22MSD	108-90-7	Chlorobenzene	MSD	REC	83	%	70-130
JD87492-22MSD	108-90-7	Chlorobenzene	MSD	RPD	38 [d]	%	30
JD87492-22MSD	75-00-3	Chloroethane	MSD	REC	57	%	70-130
JD87492-22MSD	75-00-3	Chloroethane	MSD	RPD	31 [d]	%	30
JD87492-22MSD	67-66-3	Chloroform	MSD	REC	78	%	70-130
JD87492-22MSD	67-66-3	Chloroform	MSD	RPD	38 [d]	%	30
JD87492-22MSD	74-87-3	Chloromethane	MSD	REC	96	%	70-130
JD87492-22MSD	74-87-3	Chloromethane	MSD	RPD	33 [d]	%	30
JD87492-22MSD	95-49-8	o-Chlorotoluene	MSD	REC	86	%	70-130
JD87492-22MSD	95-49-8	o-Chlorotoluene	MSD	RPD	40 [d]	%	30
JD87492-22MSD	106-43-4	p-Chlorotoluene	MSD	REC	90	%	70-130
JD87492-22MSD	106-43-4	p-Chlorotoluene	MSD	RPD	38 [d]	%	30
JD87492-22MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	REC	80	%	70-130
JD87492-22MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	RPD	41 [d]	%	30
JD87492-22MSD	124-48-1	Dibromochloromethane	MSD	REC	78	%	70-130
JD87492-22MSD	124-48-1	Dibromochloromethane	MSD	RPD	40 [d]	%	30
JD87492-22MSD	106-93-4	1,2-Dibromoethane	MSD	REC	86	%	70-130
JD87492-22MSD	106-93-4	1,2-Dibromoethane	MSD	RPD	39 [d]	%	30
JD87492-22MSD	95-50-1	1,2-Dichlorobenzene	MSD	REC	85	%	70-130
JD87492-22MSD	95-50-1	1,2-Dichlorobenzene	MSD	RPD	37 [d]	%	30
JD87492-22MSD	541-73-1	1,3-Dichlorobenzene	MSD	REC	85	%	70-130
JD87492-22MSD	541-73-1	1,3-Dichlorobenzene	MSD	RPD	38 [d]	%	30
JD87492-22MSD	106-46-7	1,4-Dichlorobenzene	MSD	REC	84	%	70-130
JD87492-22MSD	106-46-7	1,4-Dichlorobenzene	MSD	RPD	38 [d]	%	30
JD87492-22MSD	110-57-6	Trans-1,4-Dichloro-2-Butene	MSD	REC	73	%	70-130
JD87492-22MSD	110-57-6	Trans-1,4-Dichloro-2-Butene	MSD	RPD	42 [d]	%	30
JD87492-22MSD	75-71-8	Dichlorodifluoromethane	MSD	REC	85	%	70-130
JD87492-22MSD	75-71-8	Dichlorodifluoromethane	MSD	RPD	35 [d]	%	30
JD87492-22MSD	75-34-3	1,1-Dichloroethane	MSD	REC	92	%	70-130
JD87492-22MSD	75-34-3	1,1-Dichloroethane	MSD	RPD	36 [d]	%	30
JD87492-22MSD	107-06-2	1,2-Dichloroethane	MSD	REC	80	%	70-130
JD87492-22MSD	107-06-2	1,2-Dichloroethane	MSD	RPD	39 [d]	%	30
JD87492-22MSD	75-35-4	1,1-Dichloroethene	MSD	REC	67	%	70-130
JD87492-22MSD	75-35-4	1,1-Dichloroethene	MSD	RPD	33 [d]	%	30

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-22MSD	156-59-2	cis-1,2-Dichloroethene	MSD	REC	92	%	70-130
JD87492-22MSD	156-59-2	cis-1,2-Dichloroethene	MSD	RPD	32 [d]	%	30
JD87492-22MSD	156-60-5	trans-1,2-Dichloroethene	MSD	REC	93	%	70-130
JD87492-22MSD	156-60-5	trans-1,2-Dichloroethene	MSD	RPD	35 [d]	%	30
JD87492-22MSD	78-87-5	1,2-Dichloropropane	MSD	REC	82	%	70-130
JD87492-22MSD	78-87-5	1,2-Dichloropropane	MSD	RPD	37 [d]	%	30
JD87492-22MSD	142-28-9	1,3-Dichloropropane	MSD	REC	84	%	70-130
JD87492-22MSD	142-28-9	1,3-Dichloropropane	MSD	RPD	39 [d]	%	30
JD87492-22MSD	594-20-7	2,2-Dichloropropane	MSD	REC	86	%	70-130
JD87492-22MSD	594-20-7	2,2-Dichloropropane	MSD	RPD	35 [d]	%	30
JD87492-22MSD	563-58-6	1,1-Dichloropropene	MSD	REC	92	%	70-130
JD87492-22MSD	563-58-6	1,1-Dichloropropene	MSD	RPD	37 [d]	%	30
JD87492-22MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	REC	83	%	70-130
JD87492-22MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	RPD	41 [d]	%	30
JD87492-22MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	REC	85	%	70-130
JD87492-22MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	RPD	39 [d]	%	30
JD87492-22MSD	100-41-4	Ethylbenzene	MSD	REC	82	%	70-130
JD87492-22MSD	100-41-4	Ethylbenzene	MSD	RPD	35 [d]	%	30
JD87492-22MSD	76-13-1	Freon 113	MSD	REC	65	%	70-130
JD87492-22MSD	76-13-1	Freon 113	MSD	RPD	32 [d]	%	30
JD87492-22MSD	87-68-3	Hexachlorobutadiene	MSD	REC	82	%	70-130
JD87492-22MSD	87-68-3	Hexachlorobutadiene	MSD	RPD	42 [d]	%	30
JD87492-22MSD	591-78-6	2-Hexanone	MSD	REC	79	%	70-130
JD87492-22MSD	591-78-6	2-Hexanone	MSD	RPD	41 [d]	%	30
JD87492-22MSD	98-82-8	Isopropylbenzene	MSD	REC	86	%	70-130
JD87492-22MSD	98-82-8	Isopropylbenzene	MSD	RPD	38 [d]	%	30
JD87492-22MSD	99-87-6	p-Isopropyltoluene	MSD	REC	92	%	70-130
JD87492-22MSD	99-87-6	p-Isopropyltoluene	MSD	RPD	39 [d]	%	30
JD87492-22MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	REC	92	%	70-130
JD87492-22MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	RPD	33 [d]	%	30
JD87492-22MSD	108-10-1	4-Methyl-2-pentanone(MIBK)	MSD	REC	79	%	70-130
JD87492-22MSD	108-10-1	4-Methyl-2-pentanone(MIBK)	MSD	RPD	41 [d]	%	30
JD87492-22MSD	74-95-3	Methylene bromide	MSD	REC	82	%	70-130
JD87492-22MSD	74-95-3	Methylene bromide	MSD	RPD	38 [d]	%	30
JD87492-22MSD	75-09-2	Methylene chloride	MSD	REC	93	%	70-130
JD87492-22MSD	75-09-2	Methylene chloride	MSD	RPD	32 [d]	%	30
JD87492-22MSD	91-20-3	Naphthalene	MSD	REC	88	%	70-130
JD87492-22MSD	91-20-3	Naphthalene	MSD	RPD	37 [d]	%	30
JD87492-22MSD	103-65-1	n-Propylbenzene	MSD	REC	88	%	70-130
JD87492-22MSD	103-65-1	n-Propylbenzene	MSD	RPD	37 [d]	%	30
JD87492-22MSD	100-42-5	Styrene	MSD	REC	84	%	70-130
JD87492-22MSD	100-42-5	Styrene	MSD	RPD	38 [d]	%	30
JD87492-22MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	REC	79	%	70-130
JD87492-22MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	RPD	38 [d]	%	30
JD87492-22MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	REC	90	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-22MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	RPD	40 [d]	%	30
JD87492-22MSD	127-18-4	Tetrachloroethene	MSD	REC	80	%	70-130
JD87492-22MSD	127-18-4	Tetrachloroethene	MSD	RPD	41 [d]	%	30
JD87492-22MSD	109-99-9	Tetrahydrofuran	MSD	REC	98	%	70-130
JD87492-22MSD	109-99-9	Tetrahydrofuran	MSD	RPD	29 [d]	%	30
JD87492-22MSD	108-88-3	Toluene	MSD	REC	84	%	70-130
JD87492-22MSD	108-88-3	Toluene	MSD	RPD	40 [d]	%	30
JD87492-22MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	REC	84	%	70-130
JD87492-22MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	RPD	38 [d]	%	30
JD87492-22MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	REC	87	%	70-130
JD87492-22MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	RPD	39 [d]	%	30
JD87492-22MSD	71-55-6	1,1,1-Trichloroethane	MSD	REC	92	%	70-130
JD87492-22MSD	71-55-6	1,1,1-Trichloroethane	MSD	RPD	35 [d]	%	30
JD87492-22MSD	79-00-5	1,1,2-Trichloroethane	MSD	REC	116	%	70-130
JD87492-22MSD	79-00-5	1,1,2-Trichloroethane	MSD	RPD	29 [d]	%	30
JD87492-22MSD	79-01-6	Trichloroethene	MSD	REC	82	%	70-130
JD87492-22MSD	79-01-6	Trichloroethene	MSD	RPD	39 [d]	%	30
JD87492-22MSD	75-69-4	Trichlorofluoromethane	MSD	REC	76	%	70-130
JD87492-22MSD	75-69-4	Trichlorofluoromethane	MSD	RPD	33 [d]	%	30
JD87492-22MSD	96-18-4	1,2,3-Trichloropropane	MSD	REC	91	%	70-130
JD87492-22MSD	96-18-4	1,2,3-Trichloropropane	MSD	RPD	38 [d]	%	30
JD87492-22MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	REC	90	%	70-130
JD87492-22MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	RPD	28 [d]	%	30
JD87492-22MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	REC	90	%	70-130
JD87492-22MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	RPD	34 [d]	%	30
JD87492-22MSD	75-01-4	Vinyl chloride	MSD	REC	83	%	70-130
JD87492-22MSD	75-01-4	Vinyl chloride	MSD	RPD	34 [d]	%	30
JD87492-22MSD		m,p-Xylene	MSD	REC	86	%	70-130
JD87492-22MSD		m,p-Xylene	MSD	RPD	33 [d]	%	30
JD87492-22MSD	95-47-6	o-Xylene	MSD	REC	84	%	70-130
JD87492-22MSD	95-47-6	o-Xylene	MSD	RPD	37 [d]	%	30
JD87492-22MSD	1868-53-7	Dibromofluoromethane	MSD	SURR	106	%	70-130
JD87492-22MSD	2037-26-5	Toluene-D8	MSD	SURR	101	%	70-130
JD87492-22MSD	460-00-4	4-Bromofluorobenzene	MSD	SURR	107	%	70-130
V1K457-MB	1868-53-7	Dibromofluoromethane	MB	SURR	103	%	70-130
V1K457-MB	2037-26-5	Toluene-D8	MB	SURR	101	%	70-130
V1K457-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	105	%	70-130
JD87492-22	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	70-130
JD87492-22	2037-26-5	Toluene-D8	SAMP	SURR	102	%	70-130
JD87492-22	460-00-4	4-Bromofluorobenzene	SAMP	SURR	106	%	70-130
JD87492-23	1868-53-7	Dibromofluoromethane	SAMP	SURR	103	%	70-130
JD87492-23	2037-26-5	Toluene-D8	SAMP	SURR	103	%	70-130
JD87492-23	460-00-4	4-Bromofluorobenzene	SAMP	SURR	108	%	70-130
JD87492-24	1868-53-7	Dibromofluoromethane	SAMP	SURR	106	%	70-130
JD87492-24	1868-53-7	Dibromofluoromethane	SAMP	SURR	94	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-24	2037-26-5	Toluene-D8	SAMP	SURR	100	%	70-130
JD87492-24	2037-26-5	Toluene-D8	SAMP	SURR	104	%	70-130
JD87492-24	460-00-4	4-Bromofluorobenzene	SAMP	SURR	107	%	70-130
JD87492-24	460-00-4	4-Bromofluorobenzene	SAMP	SURR	108	%	70-130
VI10417	SW846 8260D						
VI10417-BS	67-64-1	Acetone	BSP	REC	115	%	70-130
VI10417-BS	107-13-1	Acrylonitrile	BSP	REC	118	%	70-130
VI10417-BS	71-43-2	Benzene	BSP	REC	111	%	70-130
VI10417-BS	108-86-1	Bromobenzene	BSP	REC	105	%	70-130
VI10417-BS	75-27-4	Bromodichloromethane	BSP	REC	105	%	70-130
VI10417-BS	75-25-2	Bromoform	BSP	REC	107	%	70-130
VI10417-BS	74-83-9	Bromomethane	BSP	REC	127	%	70-130
VI10417-BS	78-93-3	2-Butanone (MEK)	BSP	REC	121	%	70-130
VI10417-BS	104-51-8	n-Butylbenzene	BSP	REC	106	%	70-130
VI10417-BS	135-98-8	sec-Butylbenzene	BSP	REC	101	%	70-130
VI10417-BS	98-06-6	tert-Butylbenzene	BSP	REC	99	%	70-130
VI10417-BS	75-15-0	Carbon disulfide	BSP	REC	105	%	70-130
VI10417-BS	56-23-5	Carbon tetrachloride	BSP	REC	99	%	70-130
VI10417-BS	108-90-7	Chlorobenzene	BSP	REC	96	%	70-130
VI10417-BS	75-00-3	Chloroethane	BSP	REC	137	%	70-130
VI10417-BS	67-66-3	Chloroform	BSP	REC	105	%	70-130
VI10417-BS	74-87-3	Chloromethane	BSP	REC	138	%	70-130
VI10417-BS	95-49-8	o-Chlorotoluene	BSP	REC	108	%	70-130
VI10417-BS	106-43-4	p-Chlorotoluene	BSP	REC	103	%	70-130
VI10417-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	97	%	70-130
VI10417-BS	124-48-1	Dibromochloromethane	BSP	REC	105	%	70-130
VI10417-BS	106-93-4	1,2-Dibromoethane	BSP	REC	111	%	70-130
VI10417-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	96	%	70-130
VI10417-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	104	%	70-130
VI10417-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	99	%	70-130
VI10417-BS	110-57-6	Trans-1,4-Dichloro-2-Butene	BSP	REC	99	%	70-130
VI10417-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	105	%	70-130
VI10417-BS	75-34-3	1,1-Dichloroethane	BSP	REC	112	%	70-130
VI10417-BS	107-06-2	1,2-Dichloroethane	BSP	REC	109	%	70-130
VI10417-BS	75-35-4	1,1-Dichloroethene	BSP	REC	114	%	70-130
VI10417-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	103	%	70-130
VI10417-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	114	%	70-130
VI10417-BS	78-87-5	1,2-Dichloropropane	BSP	REC	113	%	70-130
VI10417-BS	142-28-9	1,3-Dichloropropane	BSP	REC	110	%	70-130
VI10417-BS	594-20-7	2,2-Dichloropropane	BSP	REC	96	%	70-130
VI10417-BS	563-58-6	1,1-Dichloropropene	BSP	REC	108	%	70-130
VI10417-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	119	%	70-130
VI10417-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	111	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VI10417-BS	100-41-4	Ethylbenzene	BSP	REC	105	%	70-130
VI10417-BS	76-13-1	Freon 113	BSP	REC	95	%	70-130
VI10417-BS	87-68-3	Hexachlorobutadiene	BSP	REC	100	%	70-130
VI10417-BS	591-78-6	2-Hexanone	BSP	REC	134	%	70-130
VI10417-BS	98-82-8	Isopropylbenzene	BSP	REC	109	%	70-130
VI10417-BS	99-87-6	p-Isopropyltoluene	BSP	REC	95	%	70-130
VI10417-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	101	%	70-130
VI10417-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	140 [b]	%	70-130
VI10417-BS	74-95-3	Methylene bromide	BSP	REC	101	%	70-130
VI10417-BS	75-09-2	Methylene chloride	BSP	REC	109	%	70-130
VI10417-BS	91-20-3	Naphthalene	BSP	REC	92	%	70-130
VI10417-BS	103-65-1	n-Propylbenzene	BSP	REC	90	%	70-130
VI10417-BS	100-42-5	Styrene	BSP	REC	106	%	70-130
VI10417-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	109	%	70-130
VI10417-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	106	%	70-130
VI10417-BS	127-18-4	Tetrachloroethene	BSP	REC	109	%	70-130
VI10417-BS	109-99-9	Tetrahydrofuran	BSP	REC	91	%	70-130
VI10417-BS	108-88-3	Toluene	BSP	REC	113	%	70-130
VI10417-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	89	%	70-130
VI10417-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	96	%	70-130
VI10417-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	101	%	70-130
VI10417-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	111	%	70-130
VI10417-BS	79-01-6	Trichloroethene	BSP	REC	104	%	70-130
VI10417-BS	75-69-4	Trichlorofluoromethane	BSP	REC	107	%	70-130
VI10417-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	96	%	70-130
VI10417-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	99	%	70-130
VI10417-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	99	%	70-130
VI10417-BS	75-01-4	Vinyl chloride	BSP	REC	156 [b]	%	70-130
VI10417-BS		m,p-Xylene	BSP	REC	111	%	70-130
VI10417-BS	95-47-6	o-Xylene	BSP	REC	101	%	70-130
VI10417-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	99	%	70-130
VI10417-BS	2037-26-5	Toluene-D8	BSP	SURR	104	%	70-130
VI10417-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	105	%	70-130
JD87492-1MS	67-64-1	Acetone	MS	REC	52	%	70-130
JD87492-1MS	107-13-1	Acrylonitrile	MS	REC	89	%	70-130
JD87492-1MS	71-43-2	Benzene	MS	REC	100	%	70-130
JD87492-1MS	108-86-1	Bromobenzene	MS	REC	94	%	70-130
JD87492-1MS	75-27-4	Bromodichloromethane	MS	REC	98	%	70-130
JD87492-1MS	75-25-2	Bromoform	MS	REC	90	%	70-130
JD87492-1MS	74-83-9	Bromomethane	MS	REC	78	%	70-130
JD87492-1MS	78-93-3	2-Butanone (MEK)	MS	REC	82	%	70-130
JD87492-1MS	104-51-8	n-Butylbenzene	MS	REC	89	%	70-130
JD87492-1MS	135-98-8	sec-Butylbenzene	MS	REC	89	%	70-130
JD87492-1MS	98-06-6	tert-Butylbenzene	MS	REC	91	%	70-130
JD87492-1MS	75-15-0	Carbon disulfide	MS	REC	76	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-1MS	56-23-5	Carbon tetrachloride	MS	REC	91	%	70-130
JD87492-1MS	108-90-7	Chlorobenzene	MS	REC	92	%	70-130
JD87492-1MS	75-00-3	Chloroethane	MS	REC	84	%	70-130
JD87492-1MS	67-66-3	Chloroform	MS	REC	95	%	70-130
JD87492-1MS	74-87-3	Chloromethane	MS	REC	94	%	70-130
JD87492-1MS	95-49-8	o-Chlorotoluene	MS	REC	96	%	70-130
JD87492-1MS	106-43-4	p-Chlorotoluene	MS	REC	89	%	70-130
JD87492-1MS	96-12-8	1,2-Dibromo-3-chloropropane	MS	REC	75	%	70-130
JD87492-1MS	124-48-1	Dibromochloromethane	MS	REC	88	%	70-130
JD87492-1MS	106-93-4	1,2-Dibromoethane	MS	REC	88	%	70-130
JD87492-1MS	95-50-1	1,2-Dichlorobenzene	MS	REC	95	%	70-130
JD87492-1MS	541-73-1	1,3-Dichlorobenzene	MS	REC	95	%	70-130
JD87492-1MS	106-46-7	1,4-Dichlorobenzene	MS	REC	92	%	70-130
JD87492-1MS	110-57-6	Trans-1,4-Dichloro-2-Butene	MS	REC	74	%	70-130
JD87492-1MS	75-71-8	Dichlorodifluoromethane	MS	REC	58	%	70-130
JD87492-1MS	75-34-3	1,1-Dichloroethane	MS	REC	83	%	70-130
JD87492-1MS	107-06-2	1,2-Dichloroethane	MS	REC	95	%	70-130
JD87492-1MS	75-35-4	1,1-Dichloroethene	MS	REC	85	%	70-130
JD87492-1MS	156-59-2	cis-1,2-Dichloroethene	MS	REC	93	%	70-130
JD87492-1MS	156-60-5	trans-1,2-Dichloroethene	MS	REC	88	%	70-130
JD87492-1MS	78-87-5	1,2-Dichloropropane	MS	REC	108	%	70-130
JD87492-1MS	142-28-9	1,3-Dichloropropane	MS	REC	94	%	70-130
JD87492-1MS	594-20-7	2,2-Dichloropropane	MS	REC	51	%	70-130
JD87492-1MS	563-58-6	1,1-Dichloropropene	MS	REC	95	%	70-130
JD87492-1MS	10061-01-5	cis-1,3-Dichloropropene	MS	REC	88	%	70-130
JD87492-1MS	10061-02-6	trans-1,3-Dichloropropene	MS	REC	85	%	70-130
JD87492-1MS	100-41-4	Ethylbenzene	MS	REC	97	%	70-130
JD87492-1MS	76-13-1	Freon 113	MS	REC	74	%	70-130
JD87492-1MS	87-68-3	Hexachlorobutadiene	MS	REC	83	%	70-130
JD87492-1MS	591-78-6	2-Hexanone	MS	REC	88	%	70-130
JD87492-1MS	98-82-8	Isopropylbenzene	MS	REC	93	%	70-130
JD87492-1MS	99-87-6	p-Isopropyltoluene	MS	REC	88	%	70-130
JD87492-1MS	1634-04-4	Methyl Tert Butyl Ether	MS	REC	73	%	70-130
JD87492-1MS	108-10-1	4-Methyl-2-pentanone(MIBK)	MS	REC	102	%	70-130
JD87492-1MS	74-95-3	Methylene bromide	MS	REC	90	%	70-130
JD87492-1MS	75-09-2	Methylene chloride	MS	REC	84	%	70-130
JD87492-1MS	91-20-3	Naphthalene	MS	REC	74	%	70-130
JD87492-1MS	103-65-1	n-Propylbenzene	MS	REC	94	%	70-130
JD87492-1MS	100-42-5	Styrene	MS	REC	97	%	70-130
JD87492-1MS	630-20-6	1,1,1,2-Tetrachloroethane	MS	REC	95	%	70-130
JD87492-1MS	79-34-5	1,1,2,2-Tetrachloroethane	MS	REC	62	%	70-130
JD87492-1MS	127-18-4	Tetrachloroethene	MS	REC	93	%	70-130
JD87492-1MS	109-99-9	Tetrahydrofuran	MS	REC	70	%	70-130
JD87492-1MS	108-88-3	Toluene	MS	REC	94	%	70-130
JD87492-1MS	87-61-6	1,2,3-Trichlorobenzene	MS	REC	83	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-1MS	120-82-1	1,2,4-Trichlorobenzene	MS	REC	84	%	70-130
JD87492-1MS	71-55-6	1,1,1-Trichloroethane	MS	REC	93	%	70-130
JD87492-1MS	79-00-5	1,1,2-Trichloroethane	MS	REC	89	%	70-130
JD87492-1MS	79-01-6	Trichloroethene	MS	REC	118	%	70-130
JD87492-1MS	75-69-4	Trichlorofluoromethane	MS	REC	80	%	70-130
JD87492-1MS	96-18-4	1,2,3-Trichloropropane	MS	REC	89	%	70-130
JD87492-1MS	95-63-6	1,2,4-Trimethylbenzene	MS	REC	91	%	70-130
JD87492-1MS	108-67-8	1,3,5-Trimethylbenzene	MS	REC	91	%	70-130
JD87492-1MS	75-01-4	Vinyl chloride	MS	REC	113	%	70-130
JD87492-1MS		m,p-Xylene	MS	REC	94	%	70-130
JD87492-1MS	95-47-6	o-Xylene	MS	REC	95	%	70-130
JD87492-1MS	1868-53-7	Dibromofluoromethane	MS	SURR	99	%	70-130
JD87492-1MS	2037-26-5	Toluene-D8	MS	SURR	99	%	70-130
JD87492-1MS	460-00-4	4-Bromofluorobenzene	MS	SURR	96	%	70-130
JD87492-3DUP	67-64-1	Acetone	DUP	RPD	42	%	30
JD87492-3DUP	107-13-1	Acrylonitrile	DUP	RPD	0	%	30
JD87492-3DUP	71-43-2	Benzene	DUP	RPD	0	%	30
JD87492-3DUP	108-86-1	Bromobenzene	DUP	RPD	0	%	30
JD87492-3DUP	75-27-4	Bromodichloromethane	DUP	RPD	0	%	30
JD87492-3DUP	75-25-2	Bromoform	DUP	RPD	0	%	30
JD87492-3DUP	74-83-9	Bromomethane	DUP	RPD	0	%	30
JD87492-3DUP	78-93-3	2-Butanone (MEK)	DUP	RPD	98 [e]	%	30
JD87492-3DUP	104-51-8	n-Butylbenzene	DUP	RPD	0	%	30
JD87492-3DUP	135-98-8	sec-Butylbenzene	DUP	RPD	0	%	30
JD87492-3DUP	98-06-6	tert-Butylbenzene	DUP	RPD	0	%	30
JD87492-3DUP	75-15-0	Carbon disulfide	DUP	RPD	0	%	30
JD87492-3DUP	56-23-5	Carbon tetrachloride	DUP	RPD	0	%	30
JD87492-3DUP	108-90-7	Chlorobenzene	DUP	RPD	0	%	30
JD87492-3DUP	75-00-3	Chloroethane	DUP	RPD	0	%	30
JD87492-3DUP	67-66-3	Chloroform	DUP	RPD	0	%	30
JD87492-3DUP	74-87-3	Chloromethane	DUP	RPD	0	%	30
JD87492-3DUP	95-49-8	o-Chlorotoluene	DUP	RPD	0	%	30
JD87492-3DUP	106-43-4	p-Chlorotoluene	DUP	RPD	0	%	30
JD87492-3DUP	96-12-8	1,2-Dibromo-3-chloropropane	DUP	RPD	0	%	30
JD87492-3DUP	124-48-1	Dibromochloromethane	DUP	RPD	0	%	30
JD87492-3DUP	106-93-4	1,2-Dibromoethane	DUP	RPD	0	%	30
JD87492-3DUP	95-50-1	1,2-Dichlorobenzene	DUP	RPD	0	%	30
JD87492-3DUP	541-73-1	1,3-Dichlorobenzene	DUP	RPD	0	%	30
JD87492-3DUP	106-46-7	1,4-Dichlorobenzene	DUP	RPD	0	%	30
JD87492-3DUP	110-57-6	Trans-1,4-Dichloro-2-Butene	DUP	RPD	0	%	30
JD87492-3DUP	75-71-8	Dichlorodifluoromethane	DUP	RPD	0	%	30
JD87492-3DUP	75-34-3	1,1-Dichloroethane	DUP	RPD	0	%	30
JD87492-3DUP	107-06-2	1,2-Dichloroethane	DUP	RPD	0	%	30
JD87492-3DUP	75-35-4	1,1-Dichloroethene	DUP	RPD	0	%	30
JD87492-3DUP	156-59-2	cis-1,2-Dichloroethene	DUP	RPD	0	%	30

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-3DUP	156-60-5	trans-1,2-Dichloroethene	DUP	RPD	0	%	30
JD87492-3DUP	78-87-5	1,2-Dichloropropane	DUP	RPD	0	%	30
JD87492-3DUP	142-28-9	1,3-Dichloropropane	DUP	RPD	0	%	30
JD87492-3DUP	594-20-7	2,2-Dichloropropane	DUP	RPD	0	%	30
JD87492-3DUP	563-58-6	1,1-Dichloropropene	DUP	RPD	0	%	30
JD87492-3DUP	10061-01-5	cis-1,3-Dichloropropene	DUP	RPD	0	%	30
JD87492-3DUP	10061-02-6	trans-1,3-Dichloropropene	DUP	RPD	0	%	30
JD87492-3DUP	100-41-4	Ethylbenzene	DUP	RPD	0	%	30
JD87492-3DUP	76-13-1	Freon 113	DUP	RPD	0	%	30
JD87492-3DUP	87-68-3	Hexachlorobutadiene	DUP	RPD	0	%	30
JD87492-3DUP	591-78-6	2-Hexanone	DUP	RPD	0	%	30
JD87492-3DUP	98-82-8	Isopropylbenzene	DUP	RPD	0	%	30
JD87492-3DUP	99-87-6	p-Isopropyltoluene	DUP	RPD	0	%	30
JD87492-3DUP	1634-04-4	Methyl Tert Butyl Ether	DUP	RPD	0	%	30
JD87492-3DUP	108-10-1	4-Methyl-2-pentanone(MIBK)	DUP	RPD	0	%	30
JD87492-3DUP	74-95-3	Methylene bromide	DUP	RPD	0	%	30
JD87492-3DUP	75-09-2	Methylene chloride	DUP	RPD	0	%	30
JD87492-3DUP	91-20-3	Naphthalene	DUP	RPD	0	%	30
JD87492-3DUP	103-65-1	n-Propylbenzene	DUP	RPD	0	%	30
JD87492-3DUP	100-42-5	Styrene	DUP	RPD	0	%	30
JD87492-3DUP	630-20-6	1,1,1,2-Tetrachloroethane	DUP	RPD	0	%	30
JD87492-3DUP	79-34-5	1,1,2,2-Tetrachloroethane	DUP	RPD	0	%	30
JD87492-3DUP	127-18-4	Tetrachloroethene	DUP	RPD	0	%	30
JD87492-3DUP	109-99-9	Tetrahydrofuran	DUP	RPD	0	%	30
JD87492-3DUP	108-88-3	Toluene	DUP	RPD	0	%	30
JD87492-3DUP	87-61-6	1,2,3-Trichlorobenzene	DUP	RPD	0	%	30
JD87492-3DUP	120-82-1	1,2,4-Trichlorobenzene	DUP	RPD	0	%	30
JD87492-3DUP	71-55-6	1,1,1-Trichloroethane	DUP	RPD	0	%	30
JD87492-3DUP	79-00-5	1,1,2-Trichloroethane	DUP	RPD	0	%	30
JD87492-3DUP	79-01-6	Trichloroethene	DUP	RPD	0	%	30
JD87492-3DUP	75-69-4	Trichlorofluoromethane	DUP	RPD	0	%	30
JD87492-3DUP	96-18-4	1,2,3-Trichloropropane	DUP	RPD	0	%	30
JD87492-3DUP	95-63-6	1,2,4-Trimethylbenzene	DUP	RPD	0	%	30
JD87492-3DUP	108-67-8	1,3,5-Trimethylbenzene	DUP	RPD	0	%	30
JD87492-3DUP	75-01-4	Vinyl chloride	DUP	RPD	0	%	30
JD87492-3DUP		m,p-Xylene	DUP	RPD	0	%	30
JD87492-3DUP	95-47-6	o-Xylene	DUP	RPD	0	%	30
JD87492-3DUP	1868-53-7	Dibromofluoromethane	DUP	SURR	110	%	70-130
JD87492-3DUP	2037-26-5	Toluene-D8	DUP	SURR	99	%	70-130
JD87492-3DUP	460-00-4	4-Bromofluorobenzene	DUP	SURR	98	%	70-130
VI10417-MB	1868-53-7	Dibromofluoromethane	MB	SURR	106	%	70-130
VI10417-MB	2037-26-5	Toluene-D8	MB	SURR	103	%	70-130
VI10417-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	102	%	70-130
JD87492-1	1868-53-7	Dibromofluoromethane	SAMP	SURR	110	%	70-130
JD87492-1	2037-26-5	Toluene-D8	SAMP	SURR	103	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD87492-1	460-00-4	4-Bromofluorobenzene	SAMP	SURR	96	%	70-130
JD87492-2	1868-53-7	Dibromofluoromethane	SAMP	SURR	105	%	70-130
JD87492-2	2037-26-5	Toluene-D8	SAMP	SURR	86	%	70-130
JD87492-2	460-00-4	4-Bromofluorobenzene	SAMP	SURR	98	%	70-130
JD87492-3	1868-53-7	Dibromofluoromethane	SAMP	SURR	84	%	70-130
JD87492-3	2037-26-5	Toluene-D8	SAMP	SURR	89	%	70-130
JD87492-3	460-00-4	4-Bromofluorobenzene	SAMP	SURR	80	%	70-130
JD87492-4	1868-53-7	Dibromofluoromethane	SAMP	SURR	85	%	70-130
JD87492-4	2037-26-5	Toluene-D8	SAMP	SURR	88	%	70-130
JD87492-4	460-00-4	4-Bromofluorobenzene	SAMP	SURR	80	%	70-130
JD87492-5	1868-53-7	Dibromofluoromethane	SAMP	SURR	83	%	70-130
JD87492-5	2037-26-5	Toluene-D8	SAMP	SURR	88	%	70-130
JD87492-5	460-00-4	4-Bromofluorobenzene	SAMP	SURR	79	%	70-130
JD87492-6	1868-53-7	Dibromofluoromethane	SAMP	SURR	84	%	70-130
JD87492-6	2037-26-5	Toluene-D8	SAMP	SURR	89	%	70-130
JD87492-6	460-00-4	4-Bromofluorobenzene	SAMP	SURR	80	%	70-130
JD87492-7	1868-53-7	Dibromofluoromethane	SAMP	SURR	85	%	70-130
JD87492-7	2037-26-5	Toluene-D8	SAMP	SURR	89	%	70-130
JD87492-7	460-00-4	4-Bromofluorobenzene	SAMP	SURR	81	%	70-130
JD87492-8	1868-53-7	Dibromofluoromethane	SAMP	SURR	87	%	70-130
JD87492-8	2037-26-5	Toluene-D8	SAMP	SURR	87	%	70-130
JD87492-8	460-00-4	4-Bromofluorobenzene	SAMP	SURR	82	%	70-130
JD87492-9	1868-53-7	Dibromofluoromethane	SAMP	SURR	107	%	70-130
JD87492-9	2037-26-5	Toluene-D8	SAMP	SURR	103	%	70-130
JD87492-9	460-00-4	4-Bromofluorobenzene	SAMP	SURR	96	%	70-130
JD87492-10	1868-53-7	Dibromofluoromethane	SAMP	SURR	106	%	70-130
JD87492-10	2037-26-5	Toluene-D8	SAMP	SURR	104	%	70-130
JD87492-10	460-00-4	4-Bromofluorobenzene	SAMP	SURR	100	%	70-130
VI10430	SW846 8260D						
VI10430-BS	67-64-1	Acetone	BSP	REC	130	%	70-130
VI10430-BS	107-13-1	Acrylonitrile	BSP	REC	129	%	70-130
VI10430-BS	71-43-2	Benzene	BSP	REC	108	%	70-130
VI10430-BS	108-86-1	Bromobenzene	BSP	REC	105	%	70-130
VI10430-BS	75-27-4	Bromodichloromethane	BSP	REC	115	%	70-130
VI10430-BS	75-25-2	Bromoform	BSP	REC	108	%	70-130
VI10430-BS	74-83-9	Bromomethane	BSP	REC	103	%	70-130
VI10430-BS	78-93-3	2-Butanone (MEK)	BSP	REC	126	%	70-130
VI10430-BS	104-51-8	n-Butylbenzene	BSP	REC	105	%	70-130
VI10430-BS	135-98-8	sec-Butylbenzene	BSP	REC	100	%	70-130
VI10430-BS	98-06-6	tert-Butylbenzene	BSP	REC	101	%	70-130
VI10430-BS	75-15-0	Carbon disulfide	BSP	REC	108	%	70-130
VI10430-BS	56-23-5	Carbon tetrachloride	BSP	REC	111	%	70-130
VI10430-BS	108-90-7	Chlorobenzene	BSP	REC	105	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VI10430-BS	75-00-3	Chloroethane	BSP	REC	110	%	70-130
VI10430-BS	67-66-3	Chloroform	BSP	REC	113	%	70-130
VI10430-BS	74-87-3	Chloromethane	BSP	REC	102	%	70-130
VI10430-BS	95-49-8	o-Chlorotoluene	BSP	REC	103	%	70-130
VI10430-BS	106-43-4	p-Chlorotoluene	BSP	REC	101	%	70-130
VI10430-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	95	%	70-130
VI10430-BS	124-48-1	Dibromochloromethane	BSP	REC	106	%	70-130
VI10430-BS	106-93-4	1,2-Dibromoethane	BSP	REC	108	%	70-130
VI10430-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	107	%	70-130
VI10430-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	105	%	70-130
VI10430-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	103	%	70-130
VI10430-BS	110-57-6	Trans-1,4-Dichloro-2-Butene	BSP	REC	110	%	70-130
VI10430-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	107	%	70-130
VI10430-BS	75-34-3	1,1-Dichloroethane	BSP	REC	116	%	70-130
VI10430-BS	107-06-2	1,2-Dichloroethane	BSP	REC	118	%	70-130
VI10430-BS	75-35-4	1,1-Dichloroethene	BSP	REC	122	%	70-130
VI10430-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	110	%	70-130
VI10430-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	121	%	70-130
VI10430-BS	78-87-5	1,2-Dichloropropane	BSP	REC	113	%	70-130
VI10430-BS	142-28-9	1,3-Dichloropropane	BSP	REC	113	%	70-130
VI10430-BS	594-20-7	2,2-Dichloropropane	BSP	REC	112	%	70-130
VI10430-BS	563-58-6	1,1-Dichloropropene	BSP	REC	112	%	70-130
VI10430-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	111	%	70-130
VI10430-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	115	%	70-130
VI10430-BS	100-41-4	Ethylbenzene	BSP	REC	109	%	70-130
VI10430-BS	76-13-1	Freon 113	BSP	REC	109	%	70-130
VI10430-BS	87-68-3	Hexachlorobutadiene	BSP	REC	119	%	70-130
VI10430-BS	591-78-6	2-Hexanone	BSP	REC	121	%	70-130
VI10430-BS	98-82-8	Isopropylbenzene	BSP	REC	101	%	70-130
VI10430-BS	99-87-6	p-Isopropyltoluene	BSP	REC	103	%	70-130
VI10430-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	103	%	70-130
VI10430-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	110	%	70-130
VI10430-BS	74-95-3	Methylene bromide	BSP	REC	101	%	70-130
VI10430-BS	75-09-2	Methylene chloride	BSP	REC	105	%	70-130
VI10430-BS	91-20-3	Naphthalene	BSP	REC	94	%	70-130
VI10430-BS	103-65-1	n-Propylbenzene	BSP	REC	104	%	70-130
VI10430-BS	100-42-5	Styrene	BSP	REC	103	%	70-130
VI10430-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	109	%	70-130
VI10430-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	103	%	70-130
VI10430-BS	127-18-4	Tetrachloroethene	BSP	REC	111	%	70-130
VI10430-BS	109-99-9	Tetrahydrofuran	BSP	REC	93	%	70-130
VI10430-BS	108-88-3	Toluene	BSP	REC	105	%	70-130
VI10430-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	104	%	70-130
VI10430-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	108	%	70-130
VI10430-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	114	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VI10430-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	109	%	70-130
VI10430-BS	79-01-6	Trichloroethene	BSP	REC	109	%	70-130
VI10430-BS	75-69-4	Trichlorofluoromethane	BSP	REC	116	%	70-130
VI10430-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	104	%	70-130
VI10430-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	100	%	70-130
VI10430-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	99	%	70-130
VI10430-BS	75-01-4	Vinyl chloride	BSP	REC	116	%	70-130
VI10430-BS		m,p-Xylene	BSP	REC	103	%	70-130
VI10430-BS	95-47-6	o-Xylene	BSP	REC	104	%	70-130
VI10430-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	104	%	70-130
VI10430-BS	2037-26-5	Toluene-D8	BSP	SURR	104	%	70-130
VI10430-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	100	%	70-130
VI10430-BSD	67-64-1	Acetone	BSD	REC	129	%	70-130
VI10430-BSD	67-64-1	Acetone	BSD	RPD	1	%	20
VI10430-BSD	107-13-1	Acrylonitrile	BSD	REC	125	%	70-130
VI10430-BSD	107-13-1	Acrylonitrile	BSD	RPD	4	%	20
VI10430-BSD	71-43-2	Benzene	BSD	REC	108	%	70-130
VI10430-BSD	71-43-2	Benzene	BSD	RPD	0	%	20
VI10430-BSD	108-86-1	Bromobenzene	BSD	REC	106	%	70-130
VI10430-BSD	108-86-1	Bromobenzene	BSD	RPD	1	%	20
VI10430-BSD	75-27-4	Bromodichloromethane	BSD	REC	117	%	70-130
VI10430-BSD	75-27-4	Bromodichloromethane	BSD	RPD	2	%	20
VI10430-BSD	75-25-2	Bromoform	BSD	REC	111	%	70-130
VI10430-BSD	75-25-2	Bromoform	BSD	RPD	3	%	20
VI10430-BSD	74-83-9	Bromomethane	BSD	REC	98	%	70-130
VI10430-BSD	74-83-9	Bromomethane	BSD	RPD	6	%	20
VI10430-BSD	78-93-3	2-Butanone (MEK)	BSD	REC	129	%	70-130
VI10430-BSD	78-93-3	2-Butanone (MEK)	BSD	RPD	3	%	20
VI10430-BSD	104-51-8	n-Butylbenzene	BSD	REC	108	%	70-130
VI10430-BSD	104-51-8	n-Butylbenzene	BSD	RPD	2	%	20
VI10430-BSD	135-98-8	sec-Butylbenzene	BSD	REC	101	%	70-130
VI10430-BSD	135-98-8	sec-Butylbenzene	BSD	RPD	2	%	20
VI10430-BSD	98-06-6	tert-Butylbenzene	BSD	REC	103	%	70-130
VI10430-BSD	98-06-6	tert-Butylbenzene	BSD	RPD	2	%	20
VI10430-BSD	75-15-0	Carbon disulfide	BSD	REC	104	%	70-130
VI10430-BSD	75-15-0	Carbon disulfide	BSD	RPD	3	%	20
VI10430-BSD	56-23-5	Carbon tetrachloride	BSD	REC	108	%	70-130
VI10430-BSD	56-23-5	Carbon tetrachloride	BSD	RPD	3	%	20
VI10430-BSD	108-90-7	Chlorobenzene	BSD	REC	107	%	70-130
VI10430-BSD	108-90-7	Chlorobenzene	BSD	RPD	2	%	20
VI10430-BSD	75-00-3	Chloroethane	BSD	REC	110	%	70-130
VI10430-BSD	75-00-3	Chloroethane	BSD	RPD	0	%	20
VI10430-BSD	67-66-3	Chloroform	BSD	REC	112	%	70-130
VI10430-BSD	67-66-3	Chloroform	BSD	RPD	1	%	20
VI10430-BSD	74-87-3	Chloromethane	BSD	REC	98	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VI10430-BSD	74-87-3	Chloromethane	BSD	RPD	4	%	20
VI10430-BSD	95-49-8	o-Chlorotoluene	BSD	REC	106	%	70-130
VI10430-BSD	95-49-8	o-Chlorotoluene	BSD	RPD	4	%	20
VI10430-BSD	106-43-4	p-Chlorotoluene	BSD	REC	104	%	70-130
VI10430-BSD	106-43-4	p-Chlorotoluene	BSD	RPD	4	%	20
VI10430-BSD	96-12-8	1,2-Dibromo-3-chloropropane	BSD	REC	99	%	70-130
VI10430-BSD	96-12-8	1,2-Dibromo-3-chloropropane	BSD	RPD	5	%	20
VI10430-BSD	124-48-1	Dibromochloromethane	BSD	REC	107	%	70-130
VI10430-BSD	124-48-1	Dibromochloromethane	BSD	RPD	1	%	20
VI10430-BSD	106-93-4	1,2-Dibromoethane	BSD	REC	110	%	70-130
VI10430-BSD	106-93-4	1,2-Dibromoethane	BSD	RPD	2	%	20
VI10430-BSD	95-50-1	1,2-Dichlorobenzene	BSD	REC	106	%	70-130
VI10430-BSD	95-50-1	1,2-Dichlorobenzene	BSD	RPD	0	%	20
VI10430-BSD	541-73-1	1,3-Dichlorobenzene	BSD	REC	108	%	70-130
VI10430-BSD	541-73-1	1,3-Dichlorobenzene	BSD	RPD	2	%	20
VI10430-BSD	106-46-7	1,4-Dichlorobenzene	BSD	REC	105	%	70-130
VI10430-BSD	106-46-7	1,4-Dichlorobenzene	BSD	RPD	2	%	20
VI10430-BSD	110-57-6	Trans-1,4-Dichloro-2-Butene	BSD	REC	115	%	70-130
VI10430-BSD	110-57-6	Trans-1,4-Dichloro-2-Butene	BSD	RPD	4	%	20
VI10430-BSD	75-71-8	Dichlorodifluoromethane	BSD	REC	105	%	70-130
VI10430-BSD	75-71-8	Dichlorodifluoromethane	BSD	RPD	2	%	20
VI10430-BSD	75-34-3	1,1-Dichloroethane	BSD	REC	113	%	70-130
VI10430-BSD	75-34-3	1,1-Dichloroethane	BSD	RPD	2	%	20
VI10430-BSD	107-06-2	1,2-Dichloroethane	BSD	REC	119 [c]	%	70-130
VI10430-BSD	107-06-2	1,2-Dichloroethane	BSD	RPD	1	%	20
VI10430-BSD	75-35-4	1,1-Dichloroethene	BSD	REC	117	%	70-130
VI10430-BSD	75-35-4	1,1-Dichloroethene	BSD	RPD	4	%	20
VI10430-BSD	156-59-2	cis-1,2-Dichloroethene	BSD	REC	108	%	70-130
VI10430-BSD	156-59-2	cis-1,2-Dichloroethene	BSD	RPD	1	%	20
VI10430-BSD	156-60-5	trans-1,2-Dichloroethene	BSD	REC	118	%	70-130
VI10430-BSD	156-60-5	trans-1,2-Dichloroethene	BSD	RPD	3	%	20
VI10430-BSD	78-87-5	1,2-Dichloropropane	BSD	REC	115	%	70-130
VI10430-BSD	78-87-5	1,2-Dichloropropane	BSD	RPD	1	%	20
VI10430-BSD	142-28-9	1,3-Dichloropropane	BSD	REC	113	%	70-130
VI10430-BSD	142-28-9	1,3-Dichloropropane	BSD	RPD	0	%	20
VI10430-BSD	594-20-7	2,2-Dichloropropane	BSD	REC	109	%	70-130
VI10430-BSD	594-20-7	2,2-Dichloropropane	BSD	RPD	3	%	20
VI10430-BSD	563-58-6	1,1-Dichloropropene	BSD	REC	110	%	70-130
VI10430-BSD	563-58-6	1,1-Dichloropropene	BSD	RPD	1	%	20
VI10430-BSD	10061-01-5	cis-1,3-Dichloropropene	BSD	REC	114	%	70-130
VI10430-BSD	10061-01-5	cis-1,3-Dichloropropene	BSD	RPD	3	%	20
VI10430-BSD	10061-02-6	trans-1,3-Dichloropropene	BSD	REC	116	%	70-130
VI10430-BSD	10061-02-6	trans-1,3-Dichloropropene	BSD	RPD	1	%	20
VI10430-BSD	100-41-4	Ethylbenzene	BSD	REC	112	%	70-130
VI10430-BSD	100-41-4	Ethylbenzene	BSD	RPD	2	%	20

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VI10430-BSD	76-13-1	Freon 113	BSD	REC	108	%	70-130
VI10430-BSD	76-13-1	Freon 113	BSD	RPD	1	%	20
VI10430-BSD	87-68-3	Hexachlorobutadiene	BSD	REC	119	%	70-130
VI10430-BSD	87-68-3	Hexachlorobutadiene	BSD	RPD	1	%	20
VI10430-BSD	591-78-6	2-Hexanone	BSD	REC	128	%	70-130
VI10430-BSD	591-78-6	2-Hexanone	BSD	RPD	6	%	20
VI10430-BSD	98-82-8	Isopropylbenzene	BSD	REC	106	%	70-130
VI10430-BSD	98-82-8	Isopropylbenzene	BSD	RPD	5	%	20
VI10430-BSD	99-87-6	p-Isopropyltoluene	BSD	REC	107	%	70-130
VI10430-BSD	99-87-6	p-Isopropyltoluene	BSD	RPD	4	%	20
VI10430-BSD	1634-04-4	Methyl Tert Butyl Ether	BSD	REC	106	%	70-130
VI10430-BSD	1634-04-4	Methyl Tert Butyl Ether	BSD	RPD	2	%	20
VI10430-BSD	108-10-1	4-Methyl-2-pentanone(MIBK)	BSD	REC	114	%	70-130
VI10430-BSD	108-10-1	4-Methyl-2-pentanone(MIBK)	BSD	RPD	4	%	20
VI10430-BSD	74-95-3	Methylene bromide	BSD	REC	104	%	70-130
VI10430-BSD	74-95-3	Methylene bromide	BSD	RPD	3	%	20
VI10430-BSD	75-09-2	Methylene chloride	BSD	REC	108	%	70-130
VI10430-BSD	75-09-2	Methylene chloride	BSD	RPD	2	%	20
VI10430-BSD	91-20-3	Naphthalene	BSD	REC	94	%	70-130
VI10430-BSD	91-20-3	Naphthalene	BSD	RPD	1	%	20
VI10430-BSD	103-65-1	n-Propylbenzene	BSD	REC	107	%	70-130
VI10430-BSD	103-65-1	n-Propylbenzene	BSD	RPD	2	%	20
VI10430-BSD	100-42-5	Styrene	BSD	REC	107	%	70-130
VI10430-BSD	100-42-5	Styrene	BSD	RPD	4	%	20
VI10430-BSD	630-20-6	1,1,1,2-Tetrachloroethane	BSD	REC	112	%	70-130
VI10430-BSD	630-20-6	1,1,1,2-Tetrachloroethane	BSD	RPD	3	%	20
VI10430-BSD	79-34-5	1,1,2,2-Tetrachloroethane	BSD	REC	106	%	70-130
VI10430-BSD	79-34-5	1,1,2,2-Tetrachloroethane	BSD	RPD	3	%	20
VI10430-BSD	127-18-4	Tetrachloroethene	BSD	REC	111	%	70-130
VI10430-BSD	127-18-4	Tetrachloroethene	BSD	RPD	0	%	20
VI10430-BSD	109-99-9	Tetrahydrofuran	BSD	REC	90	%	70-130
VI10430-BSD	109-99-9	Tetrahydrofuran	BSD	RPD	3	%	20
VI10430-BSD	108-88-3	Toluene	BSD	REC	107	%	70-130
VI10430-BSD	108-88-3	Toluene	BSD	RPD	1	%	20
VI10430-BSD	87-61-6	1,2,3-Trichlorobenzene	BSD	REC	105	%	70-130
VI10430-BSD	87-61-6	1,2,3-Trichlorobenzene	BSD	RPD	0	%	20
VI10430-BSD	120-82-1	1,2,4-Trichlorobenzene	BSD	REC	108	%	70-130
VI10430-BSD	120-82-1	1,2,4-Trichlorobenzene	BSD	RPD	0	%	20
VI10430-BSD	71-55-6	1,1,1-Trichloroethane	BSD	REC	113	%	70-130
VI10430-BSD	71-55-6	1,1,1-Trichloroethane	BSD	RPD	1	%	20
VI10430-BSD	79-00-5	1,1,2-Trichloroethane	BSD	REC	109	%	70-130
VI10430-BSD	79-00-5	1,1,2-Trichloroethane	BSD	RPD	0	%	20
VI10430-BSD	79-01-6	Trichloroethene	BSD	REC	109	%	70-130
VI10430-BSD	79-01-6	Trichloroethene	BSD	RPD	0	%	20
VI10430-BSD	75-69-4	Trichlorofluoromethane	BSD	REC	112	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VI10430-BSD	75-69-4	Trichlorofluoromethane	BSD	RPD	4	%	20
VI10430-BSD	96-18-4	1,2,3-Trichloropropane	BSD	REC	105	%	70-130
VI10430-BSD	96-18-4	1,2,3-Trichloropropane	BSD	RPD	1	%	20
VI10430-BSD	95-63-6	1,2,4-Trimethylbenzene	BSD	REC	102	%	70-130
VI10430-BSD	95-63-6	1,2,4-Trimethylbenzene	BSD	RPD	2	%	20
VI10430-BSD	108-67-8	1,3,5-Trimethylbenzene	BSD	REC	102	%	70-130
VI10430-BSD	108-67-8	1,3,5-Trimethylbenzene	BSD	RPD	2	%	20
VI10430-BSD	75-01-4	Vinyl chloride	BSD	REC	114	%	70-130
VI10430-BSD	75-01-4	Vinyl chloride	BSD	RPD	2	%	20
VI10430-BSD		m,p-Xylene	BSD	REC	106	%	70-130
VI10430-BSD		m,p-Xylene	BSD	RPD	3	%	20
VI10430-BSD	95-47-6	o-Xylene	BSD	REC	106	%	70-130
VI10430-BSD	95-47-6	o-Xylene	BSD	RPD	2	%	20
VI10430-BSD	1868-53-7	Dibromofluoromethane	BSD	SURR	102	%	70-130
VI10430-BSD	2037-26-5	Toluene-D8	BSD	SURR	104	%	70-130
VI10430-BSD	460-00-4	4-Bromofluorobenzene	BSD	SURR	103	%	70-130
VI10430-MB	1868-53-7	Dibromofluoromethane	MB	SURR	106	%	70-130
VI10430-MB	2037-26-5	Toluene-D8	MB	SURR	104	%	70-130
VI10430-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	97	%	70-130
JD87492-35	1868-53-7	Dibromofluoromethane	SAMP	SURR	106	%	70-130
JD87492-35	2037-26-5	Toluene-D8	SAMP	SURR	103	%	70-130
JD87492-35	460-00-4	4-Bromofluorobenzene	SAMP	SURR	96	%	70-130
VY9001	SW846 8260D						
VY9001-BS	67-64-1	Acetone	BSP	REC	82	%	70-130
VY9001-BS	107-13-1	Acrylonitrile	BSP	REC	79	%	70-130
VY9001-BS	71-43-2	Benzene	BSP	REC	99	%	70-130
VY9001-BS	108-86-1	Bromobenzene	BSP	REC	102	%	70-130
VY9001-BS	75-27-4	Bromodichloromethane	BSP	REC	104	%	70-130
VY9001-BS	75-25-2	Bromoform	BSP	REC	105	%	70-130
VY9001-BS	74-83-9	Bromomethane	BSP	REC	105	%	70-130
VY9001-BS	78-93-3	2-Butanone (MEK)	BSP	REC	92	%	70-130
VY9001-BS	104-51-8	n-Butylbenzene	BSP	REC	106	%	70-130
VY9001-BS	135-98-8	sec-Butylbenzene	BSP	REC	101	%	70-130
VY9001-BS	98-06-6	tert-Butylbenzene	BSP	REC	104	%	70-130
VY9001-BS	75-15-0	Carbon disulfide	BSP	REC	94	%	70-130
VY9001-BS	56-23-5	Carbon tetrachloride	BSP	REC	110	%	70-130
VY9001-BS	108-90-7	Chlorobenzene	BSP	REC	101	%	70-130
VY9001-BS	75-00-3	Chloroethane	BSP	REC	99	%	70-130
VY9001-BS	67-66-3	Chloroform	BSP	REC	90	%	70-130
VY9001-BS	74-87-3	Chloromethane	BSP	REC	82	%	70-130
VY9001-BS	95-49-8	o-Chlorotoluene	BSP	REC	102	%	70-130
VY9001-BS	106-43-4	p-Chlorotoluene	BSP	REC	100	%	70-130
VY9001-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	95	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VY9001-BS	124-48-1	Dibromochloromethane	BSP	REC	102	%	70-130
VY9001-BS	106-93-4	1,2-Dibromoethane	BSP	REC	103	%	70-130
VY9001-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	103	%	70-130
VY9001-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	102	%	70-130
VY9001-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	99	%	70-130
VY9001-BS	110-57-6	Trans-1,4-Dichloro-2-Butene	BSP	REC	94	%	70-130
VY9001-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	86	%	70-130
VY9001-BS	75-34-3	1,1-Dichloroethane	BSP	REC	99	%	70-130
VY9001-BS	107-06-2	1,2-Dichloroethane	BSP	REC	90	%	70-130
VY9001-BS	75-35-4	1,1-Dichloroethene	BSP	REC	100	%	70-130
VY9001-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	94	%	70-130
VY9001-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	99	%	70-130
VY9001-BS	78-87-5	1,2-Dichloropropane	BSP	REC	103	%	70-130
VY9001-BS	142-28-9	1,3-Dichloropropane	BSP	REC	102	%	70-130
VY9001-BS	594-20-7	2,2-Dichloropropane	BSP	REC	105	%	70-130
VY9001-BS	563-58-6	1,1-Dichloropropene	BSP	REC	110	%	70-130
VY9001-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	108	%	70-130
VY9001-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	105	%	70-130
VY9001-BS	100-41-4	Ethylbenzene	BSP	REC	97	%	70-130
VY9001-BS	76-13-1	Freon 113	BSP	REC	101	%	70-130
VY9001-BS	87-68-3	Hexachlorobutadiene	BSP	REC	104	%	70-130
VY9001-BS	591-78-6	2-Hexanone	BSP	REC	88	%	70-130
VY9001-BS	98-82-8	Isopropylbenzene	BSP	REC	101	%	70-130
VY9001-BS	99-87-6	p-Isopropyltoluene	BSP	REC	101	%	70-130
VY9001-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	97	%	70-130
VY9001-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	93	%	70-130
VY9001-BS	74-95-3	Methylene bromide	BSP	REC	99	%	70-130
VY9001-BS	75-09-2	Methylene chloride	BSP	REC	93	%	70-130
VY9001-BS	91-20-3	Naphthalene	BSP	REC	96	%	70-130
VY9001-BS	103-65-1	n-Propylbenzene	BSP	REC	97	%	70-130
VY9001-BS	100-42-5	Styrene	BSP	REC	101	%	70-130
VY9001-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	108	%	70-130
VY9001-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	93	%	70-130
VY9001-BS	127-18-4	Tetrachloroethene	BSP	REC	102	%	70-130
VY9001-BS	109-99-9	Tetrahydrofuran	BSP	REC	74	%	70-130
VY9001-BS	108-88-3	Toluene	BSP	REC	100	%	70-130
VY9001-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	105	%	70-130
VY9001-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	109	%	70-130
VY9001-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	104	%	70-130
VY9001-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	101	%	70-130
VY9001-BS	79-01-6	Trichloroethene	BSP	REC	108	%	70-130
VY9001-BS	75-69-4	Trichlorofluoromethane	BSP	REC	90	%	70-130
VY9001-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	94	%	70-130
VY9001-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	102	%	70-130
VY9001-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	102	%	70-130

* Sample used for QC is not from job JD87492

QC Evaluation: CT RCP Limits

Job Number: JD87492
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 04/29/24 thru 05/03/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VY9001-BS	75-01-4	Vinyl chloride	BSP	REC	96	%	70-130
VY9001-BS		m,p-Xylene	BSP	REC	99	%	70-130
VY9001-BS	95-47-6	o-Xylene	BSP	REC	100	%	70-130
VY9001-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	95	%	70-130
VY9001-BS	2037-26-5	Toluene-D8	BSP	SURR	97	%	70-130
VY9001-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	97	%	70-130
VY9001-MB	1868-53-7	Dibromofluoromethane	MB	SURR	94	%	70-130
VY9001-MB	2037-26-5	Toluene-D8	MB	SURR	100	%	70-130
VY9001-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	98	%	70-130
JD87492-28	1868-53-7	Dibromofluoromethane	SAMP	SURR	99	%	70-130
JD87492-28	2037-26-5	Toluene-D8	SAMP	SURR	100	%	70-130
JD87492-28	460-00-4	4-Bromofluorobenzene	SAMP	SURR	98	%	70-130
JD87492-29	1868-53-7	Dibromofluoromethane	SAMP	SURR	99	%	70-130
JD87492-29	2037-26-5	Toluene-D8	SAMP	SURR	99	%	70-130
JD87492-29	460-00-4	4-Bromofluorobenzene	SAMP	SURR	99	%	70-130
JD87492-30	1868-53-7	Dibromofluoromethane	SAMP	SURR	96	%	70-130
JD87492-30	2037-26-5	Toluene-D8	SAMP	SURR	99	%	70-130
JD87492-30	460-00-4	4-Bromofluorobenzene	SAMP	SURR	99	%	70-130
JD87492-31	1868-53-7	Dibromofluoromethane	SAMP	SURR	96	%	70-130
JD87492-31	2037-26-5	Toluene-D8	SAMP	SURR	99	%	70-130
JD87492-31	460-00-4	4-Bromofluorobenzene	SAMP	SURR	97	%	70-130
JD87492-32	1868-53-7	Dibromofluoromethane	SAMP	SURR	99	%	70-130
JD87492-32	2037-26-5	Toluene-D8	SAMP	SURR	99	%	70-130
JD87492-32	460-00-4	4-Bromofluorobenzene	SAMP	SURR	100	%	70-130
JD87492-33	1868-53-7	Dibromofluoromethane	SAMP	SURR	100	%	70-130
JD87492-33	2037-26-5	Toluene-D8	SAMP	SURR	99	%	70-130
JD87492-33	460-00-4	4-Bromofluorobenzene	SAMP	SURR	98	%	70-130
JD87492-36	1868-53-7	Dibromofluoromethane	SAMP	SURR	94	%	70-130
JD87492-36	2037-26-5	Toluene-D8	SAMP	SURR	100	%	70-130
JD87492-36	460-00-4	4-Bromofluorobenzene	SAMP	SURR	99	%	70-130

(a) High RPD due to low concentration of hit.
(b) High percent recovery and no associated positive reported in the QC batch.
(c) Outside of in house control limits, but within reasonable method recovery limits.
(d) Outside control limits due to matrix interference.
(e) RPD acceptable due to low DUP and sample concentrations.

* Sample used for QC is not from job JD87492

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10417-MB	I257626.D	1	05/02/24	PS	n/a	n/a	VI10417

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-1, JD87492-2, JD87492-3, JD87492-4, JD87492-5, JD87492-6, JD87492-7, JD87492-8, JD87492-9, JD87492-10

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/kg	
107-13-1	Acrylonitrile	ND	10	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	5.0	ug/kg	
74-83-9	Bromomethane	ND	5.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	ug/kg	
67-66-3	Chloroform	0.67	2.0	ug/kg	J
74-87-3	Chloromethane	ND	5.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10417-MB	I257626.D	1	05/02/24	PS	n/a	n/a	VI10417

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-1, JD87492-2, JD87492-3, JD87492-4, JD87492-5, JD87492-6, JD87492-7, JD87492-8, JD87492-9, JD87492-10

CAS No.	Compound	Result	RL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
76-13-1	Freon 113	ND	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
591-78-6	2-Hexanone	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	ug/kg	
75-09-2	Methylene chloride	ND	5.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	ug/kg	
100-42-5	Styrene	ND	2.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	10	ug/kg	
108-88-3	Toluene	ND	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10417-MB	I257626.D	1	05/02/24	PS	n/a	n/a	VI10417

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-1, JD87492-2, JD87492-3, JD87492-4, JD87492-5, JD87492-6, JD87492-7, JD87492-8, JD87492-9, JD87492-10

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	106%	80-124%
17060-07-0	1,2-Dichloroethane-D4	111%	75-133%
2037-26-5	Toluene-D8	103%	79-125%
460-00-4	4-Bromofluorobenzene	102%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C8692-MB	1C201112.D	1	05/07/24	PS	n/a	n/a	V1C8692

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-11, JD87492-12, JD87492-13, JD87492-14, JD87492-17, JD87492-18, JD87492-19, JD87492-20, JD87492-21, JD87492-25, JD87492-26, JD87492-27

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/kg	
107-13-1	Acrylonitrile	ND	10	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	5.0	ug/kg	
74-83-9	Bromomethane	ND	5.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C8692-MB	1C201112.D	1	05/07/24	PS	n/a	n/a	V1C8692

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-11, JD87492-12, JD87492-13, JD87492-14, JD87492-17, JD87492-18, JD87492-19, JD87492-20, JD87492-21, JD87492-25, JD87492-26, JD87492-27

CAS No.	Compound	Result	RL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
76-13-1	Freon 113	ND	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
591-78-6	2-Hexanone	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	ug/kg	
75-09-2	Methylene chloride	ND	5.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	ug/kg	
100-42-5	Styrene	ND	2.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	10	ug/kg	
108-88-3	Toluene	ND	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C8692-MB	1C201112.D	1	05/07/24	PS	n/a	n/a	V1C8692

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-11, JD87492-12, JD87492-13, JD87492-14, JD87492-17, JD87492-18, JD87492-19, JD87492-20, JD87492-21, JD87492-25, JD87492-26, JD87492-27

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	80-124%
17060-07-0	1,2-Dichloroethane-D4	94%	75-133%
2037-26-5	Toluene-D8	96%	79-125%
460-00-4	4-Bromofluorobenzene	98%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1E8829-MB	1E181393.D	1	05/07/24	ED	n/a	n/a	V1E8829

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-15, JD87492-16

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	500	ug/kg	
107-13-1	Acrylonitrile	ND	500	ug/kg	
71-43-2	Benzene	ND	25	ug/kg	
108-86-1	Bromobenzene	ND	250	ug/kg	
75-27-4	Bromodichloromethane	ND	100	ug/kg	
75-25-2	Bromoform	ND	250	ug/kg	
74-83-9	Bromomethane	ND	250	ug/kg	
78-93-3	2-Butanone (MEK)	ND	500	ug/kg	
104-51-8	n-Butylbenzene	ND	100	ug/kg	
135-98-8	sec-Butylbenzene	ND	100	ug/kg	
98-06-6	tert-Butylbenzene	ND	100	ug/kg	
75-15-0	Carbon disulfide	ND	100	ug/kg	
56-23-5	Carbon tetrachloride	ND	100	ug/kg	
108-90-7	Chlorobenzene	ND	100	ug/kg	
75-00-3	Chloroethane	ND	250	ug/kg	
67-66-3	Chloroform	ND	100	ug/kg	
74-87-3	Chloromethane	ND	250	ug/kg	
95-49-8	o-Chlorotoluene	ND	100	ug/kg	
106-43-4	p-Chlorotoluene	ND	100	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	100	ug/kg	
124-48-1	Dibromochloromethane	ND	100	ug/kg	
106-93-4	1,2-Dibromoethane	ND	50	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	50	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	50	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	50	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	250	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	250	ug/kg	
75-34-3	1,1-Dichloroethane	ND	50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	50	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	50	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	50	ug/kg	
78-87-5	1,2-Dichloropropane	ND	100	ug/kg	
142-28-9	1,3-Dichloropropane	ND	100	ug/kg	
594-20-7	2,2-Dichloropropane	ND	100	ug/kg	
563-58-6	1,1-Dichloropropene	ND	100	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1E8829-MB	1E181393.D	1	05/07/24	ED	n/a	n/a	V1E8829

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-15, JD87492-16

CAS No.	Compound	Result	RL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	100	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	100	ug/kg	
100-41-4	Ethylbenzene	ND	50	ug/kg	
76-13-1	Freon 113	ND	250	ug/kg	
87-68-3	Hexachlorobutadiene	ND	250	ug/kg	
591-78-6	2-Hexanone	ND	250	ug/kg	
98-82-8	Isopropylbenzene	ND	100	ug/kg	
99-87-6	p-Isopropyltoluene	ND	100	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	50	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	250	ug/kg	
74-95-3	Methylene bromide	ND	250	ug/kg	
75-09-2	Methylene chloride	ND	250	ug/kg	
91-20-3	Naphthalene	ND	250	ug/kg	
103-65-1	n-Propylbenzene	ND	100	ug/kg	
100-42-5	Styrene	ND	100	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	ug/kg	
127-18-4	Tetrachloroethene	ND	100	ug/kg	
109-99-9	Tetrahydrofuran	ND	500	ug/kg	
108-88-3	Toluene	ND	50	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	250	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	100	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	100	ug/kg	
79-01-6	Trichloroethene	ND	50	ug/kg	
75-69-4	Trichlorofluoromethane	ND	250	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	250	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	100	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	100	ug/kg	
75-01-4	Vinyl chloride	ND	100	ug/kg	
	m,p-Xylene	ND	50	ug/kg	
95-47-6	o-Xylene	ND	50	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1E8829-MB	1E181393.D	1	05/07/24	ED	n/a	n/a	V1E8829

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-15, JD87492-16

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	117%	80-124%
17060-07-0	1,2-Dichloroethane-D4	99%	75-133%
2037-26-5	Toluene-D8	97%	79-125%
460-00-4	4-Bromofluorobenzene	95%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.90	260	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9001-MB	Y207528.D	1	05/10/24	PS	n/a	n/a	VY9001

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-28, JD87492-29, JD87492-30, JD87492-31, JD87492-32, JD87492-33, JD87492-36

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/kg	
107-13-1	Acrylonitrile	ND	10	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	5.0	ug/kg	
74-83-9	Bromomethane	ND	5.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9001-MB	Y207528.D	1	05/10/24	PS	n/a	n/a	VY9001

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-28, JD87492-29, JD87492-30, JD87492-31, JD87492-32, JD87492-33, JD87492-36

CAS No.	Compound	Result	RL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
76-13-1	Freon 113	ND	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
591-78-6	2-Hexanone	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	ug/kg	
75-09-2	Methylene chloride	ND	5.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	ug/kg	
100-42-5	Styrene	ND	2.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	10	ug/kg	
108-88-3	Toluene	ND	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9001-MB	Y207528.D	1	05/10/24	PS	n/a	n/a	VY9001

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-28, JD87492-29, JD87492-30, JD87492-31, JD87492-32, JD87492-33, JD87492-36

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	94%	80-124%
17060-07-0	1,2-Dichloroethane-D4	95%	75-133%
2037-26-5	Toluene-D8	100%	79-125%
460-00-4	4-Bromofluorobenzene	98%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.87	7.1	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K453-MB	1K16663.D	1	05/11/24	JN	n/a	n/a	V1K453

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-34, JD87492-37, JD87492-38, JD87492-39

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	500	ug/kg	
107-13-1	Acrylonitrile	ND	500	ug/kg	
71-43-2	Benzene	ND	25	ug/kg	
108-86-1	Bromobenzene	ND	250	ug/kg	
75-27-4	Bromodichloromethane	ND	100	ug/kg	
75-25-2	Bromoform	ND	250	ug/kg	
74-83-9	Bromomethane	ND	250	ug/kg	
78-93-3	2-Butanone (MEK)	ND	500	ug/kg	
104-51-8	n-Butylbenzene	ND	100	ug/kg	
135-98-8	sec-Butylbenzene	ND	100	ug/kg	
98-06-6	tert-Butylbenzene	ND	100	ug/kg	
75-15-0	Carbon disulfide	ND	100	ug/kg	
56-23-5	Carbon tetrachloride	ND	100	ug/kg	
108-90-7	Chlorobenzene	ND	100	ug/kg	
75-00-3	Chloroethane	ND	250	ug/kg	
67-66-3	Chloroform	ND	100	ug/kg	
74-87-3	Chloromethane	ND	250	ug/kg	
95-49-8	o-Chlorotoluene	ND	100	ug/kg	
106-43-4	p-Chlorotoluene	ND	100	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	100	ug/kg	
124-48-1	Dibromochloromethane	ND	100	ug/kg	
106-93-4	1,2-Dibromoethane	ND	50	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	50	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	50	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	50	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	250	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	250	ug/kg	
75-34-3	1,1-Dichloroethane	ND	50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	50	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	50	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	50	ug/kg	
78-87-5	1,2-Dichloropropane	ND	100	ug/kg	
142-28-9	1,3-Dichloropropane	ND	100	ug/kg	
594-20-7	2,2-Dichloropropane	ND	100	ug/kg	
563-58-6	1,1-Dichloropropene	ND	100	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K453-MB	1K16663.D	1	05/11/24	JN	n/a	n/a	V1K453

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-34, JD87492-37, JD87492-38, JD87492-39

CAS No.	Compound	Result	RL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	100	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	100	ug/kg	
100-41-4	Ethylbenzene	ND	50	ug/kg	
76-13-1	Freon 113	ND	250	ug/kg	
87-68-3	Hexachlorobutadiene	ND	250	ug/kg	
591-78-6	2-Hexanone	ND	250	ug/kg	
98-82-8	Isopropylbenzene	ND	100	ug/kg	
99-87-6	p-Isopropyltoluene	ND	100	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	50	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	250	ug/kg	
74-95-3	Methylene bromide	ND	250	ug/kg	
75-09-2	Methylene chloride	ND	250	ug/kg	
91-20-3	Naphthalene	ND	250	ug/kg	
103-65-1	n-Propylbenzene	ND	100	ug/kg	
100-42-5	Styrene	ND	100	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	ug/kg	
127-18-4	Tetrachloroethene	ND	100	ug/kg	
109-99-9	Tetrahydrofuran	ND	500	ug/kg	
108-88-3	Toluene	ND	50	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	250	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	100	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	100	ug/kg	
79-01-6	Trichloroethene	ND	50	ug/kg	
75-69-4	Trichlorofluoromethane	ND	250	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	250	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	100	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	100	ug/kg	
75-01-4	Vinyl chloride	ND	100	ug/kg	
	m,p-Xylene	ND	50	ug/kg	
95-47-6	o-Xylene	ND	50	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K453-MB	1K16663.D	1	05/11/24	JN	n/a	n/a	V1K453

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-34, JD87492-37, JD87492-38, JD87492-39

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	102%	80-124%
17060-07-0	1,2-Dichloroethane-D4	96%	75-133%
2037-26-5	Toluene-D8	103%	79-125%
460-00-4	4-Bromofluorobenzene	103%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10430-MB	I258001.D	1	05/13/24	PS	n/a	n/a	VI10430

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-35

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/kg	
107-13-1	Acrylonitrile	ND	10	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	5.0	ug/kg	
74-83-9	Bromomethane	ND	5.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	ug/kg	
67-66-3	Chloroform	0.58	2.0	ug/kg	J
74-87-3	Chloromethane	ND	5.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10430-MB	I258001.D	1	05/13/24	PS	n/a	n/a	VI10430

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-35

CAS No.	Compound	Result	RL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
76-13-1	Freon 113	ND	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
591-78-6	2-Hexanone	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	ug/kg	
75-09-2	Methylene chloride	ND	5.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	ug/kg	
100-42-5	Styrene	ND	2.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	10	ug/kg	
108-88-3	Toluene	ND	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10430-MB	I258001.D	1	05/13/24	PS	n/a	n/a	VI10430

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-35

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	106%	80-124%
17060-07-0	1,2-Dichloroethane-D4	115%	75-133%
2037-26-5	Toluene-D8	104%	79-125%
460-00-4	4-Bromofluorobenzene	97%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K454-MB	1K16707.D	1	05/13/24	ED	n/a	n/a	V1K454

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-38

CAS No.	Compound	Result	RL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	200	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	102%	80-124%
17060-07-0	1,2-Dichloroethane-D4	96%	75-133%
2037-26-5	Toluene-D8	102%	79-125%
460-00-4	4-Bromofluorobenzene	106%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K457-MB	1K16803.D	1	05/15/24	JN	n/a	n/a	V1K457

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-22, JD87492-23, JD87492-24

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	1000	ug/kg	
107-13-1	Acrylonitrile	ND	1000	ug/kg	
71-43-2	Benzene	ND	50	ug/kg	
108-86-1	Bromobenzene	ND	500	ug/kg	
75-27-4	Bromodichloromethane	ND	200	ug/kg	
75-25-2	Bromoform	ND	500	ug/kg	
74-83-9	Bromomethane	ND	500	ug/kg	
78-93-3	2-Butanone (MEK)	ND	1000	ug/kg	
104-51-8	n-Butylbenzene	ND	200	ug/kg	
135-98-8	sec-Butylbenzene	ND	200	ug/kg	
98-06-6	tert-Butylbenzene	ND	200	ug/kg	
75-15-0	Carbon disulfide	ND	200	ug/kg	
56-23-5	Carbon tetrachloride	ND	200	ug/kg	
108-90-7	Chlorobenzene	ND	200	ug/kg	
75-00-3	Chloroethane	ND	500	ug/kg	
67-66-3	Chloroform	ND	200	ug/kg	
74-87-3	Chloromethane	ND	500	ug/kg	
95-49-8	o-Chlorotoluene	ND	200	ug/kg	
106-43-4	p-Chlorotoluene	ND	200	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	200	ug/kg	
124-48-1	Dibromochloromethane	ND	200	ug/kg	
106-93-4	1,2-Dibromoethane	ND	100	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	100	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	100	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	100	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	500	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	500	ug/kg	
75-34-3	1,1-Dichloroethane	ND	100	ug/kg	
107-06-2	1,2-Dichloroethane	ND	100	ug/kg	
75-35-4	1,1-Dichloroethene	ND	100	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	100	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	100	ug/kg	
78-87-5	1,2-Dichloropropane	ND	200	ug/kg	
142-28-9	1,3-Dichloropropane	ND	200	ug/kg	
594-20-7	2,2-Dichloropropane	ND	200	ug/kg	
563-58-6	1,1-Dichloropropene	ND	200	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K457-MB	1K16803.D	1	05/15/24	JN	n/a	n/a	V1K457

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-22, JD87492-23, JD87492-24

CAS No.	Compound	Result	RL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	200	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	200	ug/kg	
100-41-4	Ethylbenzene	ND	100	ug/kg	
76-13-1	Freon 113	ND	500	ug/kg	
87-68-3	Hexachlorobutadiene	ND	500	ug/kg	
591-78-6	2-Hexanone	ND	500	ug/kg	
98-82-8	Isopropylbenzene	ND	200	ug/kg	
99-87-6	p-Isopropyltoluene	ND	200	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	100	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	500	ug/kg	
74-95-3	Methylene bromide	ND	500	ug/kg	
75-09-2	Methylene chloride	ND	500	ug/kg	
91-20-3	Naphthalene	ND	500	ug/kg	
103-65-1	n-Propylbenzene	ND	200	ug/kg	
100-42-5	Styrene	ND	200	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	200	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	200	ug/kg	
127-18-4	Tetrachloroethene	ND	200	ug/kg	
109-99-9	Tetrahydrofuran	ND	1000	ug/kg	
108-88-3	Toluene	ND	100	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	500	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	500	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	200	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	200	ug/kg	
79-01-6	Trichloroethene	ND	100	ug/kg	
75-69-4	Trichlorofluoromethane	ND	500	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	500	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	200	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	200	ug/kg	
75-01-4	Vinyl chloride	ND	200	ug/kg	
	m,p-Xylene	ND	100	ug/kg	
95-47-6	o-Xylene	ND	100	ug/kg	

Method Blank Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K457-MB	1K16803.D	1	05/15/24	JN	n/a	n/a	V1K457

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-22, JD87492-23, JD87492-24

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	80-124%
17060-07-0	1,2-Dichloroethane-D4	100%	75-133%
2037-26-5	Toluene-D8	101%	79-125%
460-00-4	4-Bromofluorobenzene	105%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.90	560	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10417-BS	I257624.D	1	05/02/24	PS	n/a	n/a	VI10417

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-1, JD87492-2, JD87492-3, JD87492-4, JD87492-5, JD87492-6, JD87492-7, JD87492-8, JD87492-9, JD87492-10

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	229	115	52-156
107-13-1	Acrylonitrile	50	59.2	118	56-159
71-43-2	Benzene	50	55.4	111	82-119
108-86-1	Bromobenzene	50	52.3	105	82-115
75-27-4	Bromodichloromethane	50	52.5	105	83-121
75-25-2	Bromoform	50	53.4	107	74-138
74-83-9	Bromomethane	50	63.6	127	56-150
78-93-3	2-Butanone (MEK)	200	242	121	72-138
104-51-8	n-Butylbenzene	50	53.1	106	81-124
135-98-8	sec-Butylbenzene	50	50.6	101	78-120
98-06-6	tert-Butylbenzene	50	49.3	99	78-121
75-15-0	Carbon disulfide	50	52.6	105	67-131
56-23-5	Carbon tetrachloride	50	49.4	99	72-130
108-90-7	Chlorobenzene	50	48.1	96	83-114
75-00-3	Chloroethane	50	68.5	137	67-141
67-66-3	Chloroform	50	52.4	105	76-115
74-87-3	Chloromethane	50	68.9	138	57-141
95-49-8	o-Chlorotoluene	50	54.1	108	81-118
106-43-4	p-Chlorotoluene	50	51.5	103	78-117
96-12-8	1,2-Dibromo-3-chloropropane	50	48.6	97	72-131
124-48-1	Dibromochloromethane	50	52.3	105	80-128
106-93-4	1,2-Dibromoethane	50	55.5	111	58-145
95-50-1	1,2-Dichlorobenzene	50	47.9	96	83-117
541-73-1	1,3-Dichlorobenzene	50	51.8	104	82-114
106-46-7	1,4-Dichlorobenzene	50	49.4	99	79-114
110-57-6	Trans-1,4-Dichloro-2-Butene	50	49.3	99	62-139
75-71-8	Dichlorodifluoromethane	50	52.6	105	49-146
75-34-3	1,1-Dichloroethane	50	56.1	112	76-126
107-06-2	1,2-Dichloroethane	50	54.7	109	76-118
75-35-4	1,1-Dichloroethene	50	57.0	114	72-125
156-59-2	cis-1,2-Dichloroethene	50	51.6	103	80-118
156-60-5	trans-1,2-Dichloroethene	50	57.2	114	76-122
78-87-5	1,2-Dichloropropane	50	56.6	113	82-123
142-28-9	1,3-Dichloropropane	50	55.2	110	84-120
594-20-7	2,2-Dichloropropane	50	48.1	96	66-130
563-58-6	1,1-Dichloropropene	50	54.2	108	78-122

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10417-BS	I257624.D	1	05/02/24	PS	n/a	n/a	VI10417

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-1, JD87492-2, JD87492-3, JD87492-4, JD87492-5, JD87492-6, JD87492-7, JD87492-8, JD87492-9, JD87492-10

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
10061-01-5	cis-1,3-Dichloropropene	50	59.7	119	83-123
10061-02-6	trans-1,3-Dichloropropene	50	55.4	111	83-123
100-41-4	Ethylbenzene	50	52.3	105	83-115
76-13-1	Freon 113	50	47.6	95	65-132
87-68-3	Hexachlorobutadiene	50	50.1	100	65-130
591-78-6	2-Hexanone	200	267	134	73-138
98-82-8	Isopropylbenzene	50	54.4	109	81-122
99-87-6	p-Isopropyltoluene	50	47.5	95	80-120
1634-04-4	Methyl Tert Butyl Ether	50	50.6	101	75-126
108-10-1	4-Methyl-2-pentanone(MIBK)	200	280	140* [a]	71-138
74-95-3	Methylene bromide	50	50.6	101	81-122
75-09-2	Methylene chloride	50	54.3	109	73-122
91-20-3	Naphthalene	50	46.1	92	71-129
103-65-1	n-Propylbenzene	50	44.8	90	77-120
100-42-5	Styrene	50	53.1	106	84-122
630-20-6	1,1,1,2-Tetrachloroethane	50	54.4	109	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	53.0	106	75-127
127-18-4	Tetrachloroethene	50	54.5	109	73-125
109-99-9	Tetrahydrofuran	50	45.7	91	61-136
108-88-3	Toluene	50	56.3	113	82-118
87-61-6	1,2,3-Trichlorobenzene	50	44.7	89	68-132
120-82-1	1,2,4-Trichlorobenzene	50	48.1	96	72-133
71-55-6	1,1,1-Trichloroethane	50	50.6	101	77-124
79-00-5	1,1,2-Trichloroethane	50	55.5	111	83-122
79-01-6	Trichloroethene	50	52.2	104	80-122
75-69-4	Trichlorofluoromethane	50	53.4	107	69-132
96-18-4	1,2,3-Trichloropropane	50	48.1	96	80-120
95-63-6	1,2,4-Trimethylbenzene	50	49.4	99	80-119
108-67-8	1,3,5-Trimethylbenzene	50	49.7	99	79-120
75-01-4	Vinyl chloride	50	78.1	156* [a]	60-144
	m,p-Xylene	100	111	111	82-119
95-47-6	o-Xylene	50	50.7	101	84-120

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10417-BS	I257624.D	1	05/02/24	PS	n/a	n/a	VI10417

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-1, JD87492-2, JD87492-3, JD87492-4, JD87492-5, JD87492-6, JD87492-7, JD87492-8, JD87492-9, JD87492-10

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	80-124%
17060-07-0	1,2-Dichloroethane-D4	108%	75-133%
2037-26-5	Toluene-D8	104%	79-125%
460-00-4	4-Bromofluorobenzene	105%	58-148%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C8692-BS	1C201110.D	1	05/07/24	PS	n/a	n/a	V1C8692

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-11, JD87492-12, JD87492-13, JD87492-14, JD87492-17, JD87492-18, JD87492-19, JD87492-20, JD87492-21, JD87492-25, JD87492-26, JD87492-27

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	192	96	52-156
107-13-1	Acrylonitrile	50	47.5	95	56-159
71-43-2	Benzene	50	44.5	89	82-119
108-86-1	Bromobenzene	50	46.8	94	82-115
75-27-4	Bromodichloromethane	50	47.5	95	83-121
75-25-2	Bromoform	50	46.3	93	74-138
74-83-9	Bromomethane	50	53.8	108	56-150
78-93-3	2-Butanone (MEK)	200	205	103	72-138
104-51-8	n-Butylbenzene	50	46.4	93	81-124
135-98-8	sec-Butylbenzene	50	46.0	92	78-120
98-06-6	tert-Butylbenzene	50	44.6	89	78-121
75-15-0	Carbon disulfide	50	44.4	89	67-131
56-23-5	Carbon tetrachloride	50	45.1	90	72-130
108-90-7	Chlorobenzene	50	47.1	94	83-114
75-00-3	Chloroethane	50	51.1	102	67-141
67-66-3	Chloroform	50	44.6	89	76-115
74-87-3	Chloromethane	50	49.8	100	57-141
95-49-8	o-Chlorotoluene	50	43.8	88	81-118
106-43-4	p-Chlorotoluene	50	42.0	84	78-117
96-12-8	1,2-Dibromo-3-chloropropane	50	46.5	93	72-131
124-48-1	Dibromochloromethane	50	49.1	98	80-128
106-93-4	1,2-Dibromoethane	50	47.9	96	58-145
95-50-1	1,2-Dichlorobenzene	50	44.0	88	83-117
541-73-1	1,3-Dichlorobenzene	50	44.9	90	82-114
106-46-7	1,4-Dichlorobenzene	50	45.2	90	79-114
110-57-6	Trans-1,4-Dichloro-2-Butene	50	45.8	92	62-139
75-71-8	Dichlorodifluoromethane	50	53.0	106	49-146
75-34-3	1,1-Dichloroethane	50	44.9	90	76-126
107-06-2	1,2-Dichloroethane	50	44.7	89	76-118
75-35-4	1,1-Dichloroethene	50	43.4	87	72-125
156-59-2	cis-1,2-Dichloroethene	50	44.2	88	80-118
156-60-5	trans-1,2-Dichloroethene	50	43.6	87	76-122
78-87-5	1,2-Dichloropropane	50	43.2	86	82-123
142-28-9	1,3-Dichloropropane	50	47.2	94	84-120
594-20-7	2,2-Dichloropropane	50	44.4	89	66-130
563-58-6	1,1-Dichloropropene	50	46.8	94	78-122

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C8692-BS	1C201110.D	1	05/07/24	PS	n/a	n/a	V1C8692

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-11, JD87492-12, JD87492-13, JD87492-14, JD87492-17, JD87492-18, JD87492-19, JD87492-20, JD87492-21, JD87492-25, JD87492-26, JD87492-27

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
10061-01-5	cis-1,3-Dichloropropene	50	49.1	98	83-123
10061-02-6	trans-1,3-Dichloropropene	50	46.1	92	83-123
100-41-4	Ethylbenzene	50	44.1	88	83-115
76-13-1	Freon 113	50	43.8	88	65-132
87-68-3	Hexachlorobutadiene	50	44.4	89	65-130
591-78-6	2-Hexanone	200	186	93	73-138
98-82-8	Isopropylbenzene	50	44.3	89	81-122
99-87-6	p-Isopropyltoluene	50	43.9	88	80-120
1634-04-4	Methyl Tert Butyl Ether	50	49.1	98	75-126
108-10-1	4-Methyl-2-pentanone(MIBK)	200	185	93	71-138
74-95-3	Methylene bromide	50	47.0	94	81-122
75-09-2	Methylene chloride	50	45.1	90	73-122
91-20-3	Naphthalene	50	45.5	91	71-129
103-65-1	n-Propylbenzene	50	44.2	88	77-120
100-42-5	Styrene	50	45.9	92	84-122
630-20-6	1,1,1,2-Tetrachloroethane	50	46.9	94	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	46.4	93	75-127
127-18-4	Tetrachloroethene	50	46.7	93	73-125
109-99-9	Tetrahydrofuran	50	44.3	89	61-136
108-88-3	Toluene	50	45.8	92	82-118
87-61-6	1,2,3-Trichlorobenzene	50	42.3	85	68-132
120-82-1	1,2,4-Trichlorobenzene	50	43.1	86	72-133
71-55-6	1,1,1-Trichloroethane	50	46.3	93	77-124
79-00-5	1,1,2-Trichloroethane	50	47.5	95	83-122
79-01-6	Trichloroethene	50	46.9	94	80-122
75-69-4	Trichlorofluoromethane	50	48.1	96	69-132
96-18-4	1,2,3-Trichloropropane	50	47.5	95	80-120
95-63-6	1,2,4-Trimethylbenzene	50	43.2	86	80-119
108-67-8	1,3,5-Trimethylbenzene	50	43.2	86	79-120
75-01-4	Vinyl chloride	50	52.8	106	60-144
	m,p-Xylene	100	85.6	86	82-119
95-47-6	o-Xylene	50	44.5	89	84-120

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C8692-BS	1C201110.D	1	05/07/24	PS	n/a	n/a	V1C8692

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-11, JD87492-12, JD87492-13, JD87492-14, JD87492-17, JD87492-18, JD87492-19, JD87492-20, JD87492-21, JD87492-25, JD87492-26, JD87492-27

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	80-124%
17060-07-0	1,2-Dichloroethane-D4	97%	75-133%
2037-26-5	Toluene-D8	100%	79-125%
460-00-4	4-Bromofluorobenzene	97%	58-148%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1E8829-BS	1E181391.D	1	05/07/24	ED	n/a	n/a	V1E8829

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-15, JD87492-16

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	10000	13400	134	52-156
107-13-1	Acrylonitrile	2500	2710	108	56-159
71-43-2	Benzene	2500	2150	86	82-119
108-86-1	Bromobenzene	2500	2170	87	82-115
75-27-4	Bromodichloromethane	2500	2210	88	83-121
75-25-2	Bromoform	2500	2490	100	74-138
74-83-9	Bromomethane	2500	2780	111	56-150
78-93-3	2-Butanone (MEK)	10000	11200	112	72-138
104-51-8	n-Butylbenzene	2500	2090	84	81-124
135-98-8	sec-Butylbenzene	2500	2080	83	78-120
98-06-6	tert-Butylbenzene	2500	2050	82	78-121
75-15-0	Carbon disulfide	2500	2530	101	67-131
56-23-5	Carbon tetrachloride	2500	2160	86	72-130
108-90-7	Chlorobenzene	2500	2190	88	83-114
75-00-3	Chloroethane	2500	2740	110	67-141
67-66-3	Chloroform	2500	2000	80	76-115
74-87-3	Chloromethane	2500	3630	145* [a]	57-141
95-49-8	o-Chlorotoluene	2500	2110	84	81-118
106-43-4	p-Chlorotoluene	2500	2010	80	78-117
96-12-8	1,2-Dibromo-3-chloropropane	2500	2240	90	72-131
124-48-1	Dibromochloromethane	2500	2350	94	80-128
106-93-4	1,2-Dibromoethane	2500	2210	88	58-145
95-50-1	1,2-Dichlorobenzene	2500	2210	88	83-117
541-73-1	1,3-Dichlorobenzene	2500	2150	86	82-114
106-46-7	1,4-Dichlorobenzene	2500	2110	84	79-114
110-57-6	Trans-1,4-Dichloro-2-Butene	2500	1780	71	62-139
75-71-8	Dichlorodifluoromethane	2500	2160	86	49-146
75-34-3	1,1-Dichloroethane	2500	2150	86	76-126
107-06-2	1,2-Dichloroethane	2500	2080	83	76-118
75-35-4	1,1-Dichloroethene	2500	2610	104	72-125
156-59-2	cis-1,2-Dichloroethene	2500	2300	92	80-118
156-60-5	trans-1,2-Dichloroethene	2500	2490	100	76-122
78-87-5	1,2-Dichloropropane	2500	2190	88	82-123
142-28-9	1,3-Dichloropropane	2500	2170	87	84-120
594-20-7	2,2-Dichloropropane	2500	2020	81	66-130
563-58-6	1,1-Dichloropropene	2500	2190	88	78-122

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1E8829-BS	1E181391.D	1	05/07/24	ED	n/a	n/a	V1E8829

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-15, JD87492-16

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
10061-01-5	cis-1,3-Dichloropropene	2500	2230	89	83-123
10061-02-6	trans-1,3-Dichloropropene	2500	2150	86	83-123
100-41-4	Ethylbenzene	2500	2070	83	83-115
76-13-1	Freon 113	2500	3020	121	65-132
87-68-3	Hexachlorobutadiene	2500	2060	82	65-130
591-78-6	2-Hexanone	10000	9720	97	73-138
98-82-8	Isopropylbenzene	2500	2120	85	81-122
99-87-6	p-Isopropyltoluene	2500	2120	85	80-120
1634-04-4	Methyl Tert Butyl Ether	2500	2640	106	75-126
108-10-1	4-Methyl-2-pentanone(MIBK)	10000	9940	99	71-138
74-95-3	Methylene bromide	2500	2330	93	81-122
75-09-2	Methylene chloride	2500	2720	109	73-122
91-20-3	Naphthalene	2500	2180	87	71-129
103-65-1	n-Propylbenzene	2500	1970	79	77-120
100-42-5	Styrene	2500	2220	89	84-122
630-20-6	1,1,1,2-Tetrachloroethane	2500	2350	94	81-125
79-34-5	1,1,2,2-Tetrachloroethane	2500	2290	92	75-127
127-18-4	Tetrachloroethene	2500	2200	88	73-125
109-99-9	Tetrahydrofuran	2500	2490	100	61-136
108-88-3	Toluene	2500	2020	81* [b]	82-118
87-61-6	1,2,3-Trichlorobenzene	2500	2210	88	68-132
120-82-1	1,2,4-Trichlorobenzene	2500	2170	87	72-133
71-55-6	1,1,1-Trichloroethane	2500	2170	87	77-124
79-00-5	1,1,2-Trichloroethane	2500	2130	85	83-122
79-01-6	Trichloroethene	2500	2270	91	80-122
75-69-4	Trichlorofluoromethane	2500	2690	108	69-132
96-18-4	1,2,3-Trichloropropane	2500	2240	90	80-120
95-63-6	1,2,4-Trimethylbenzene	2500	2040	82	80-119
108-67-8	1,3,5-Trimethylbenzene	2500	2050	82	79-120
75-01-4	Vinyl chloride	2500	2380	95	60-144
	m,p-Xylene	5000	4270	85	82-119
95-47-6	o-Xylene	2500	2140	86	84-120

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1E8829-BS	1E181391.D	1	05/07/24	ED	n/a	n/a	V1E8829

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-15, JD87492-16

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	80-124%
17060-07-0	1,2-Dichloroethane-D4	95%	75-133%
2037-26-5	Toluene-D8	95%	79-125%
460-00-4	4-Bromofluorobenzene	90%	58-148%

(a) High percent recovery and no associated positive reported in the QC batch.
(b) Outside of in house control limits, but within reasonable method recovery limits.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9001-BS	Y207526.D	1	05/10/24	PS	n/a	n/a	VY9001

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-28, JD87492-29, JD87492-30, JD87492-31, JD87492-32, JD87492-33, JD87492-36

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	163	82	52-156
107-13-1	Acrylonitrile	50	39.7	79	56-159
71-43-2	Benzene	50	49.4	99	82-119
108-86-1	Bromobenzene	50	51.2	102	82-115
75-27-4	Bromodichloromethane	50	52.1	104	83-121
75-25-2	Bromoform	50	52.6	105	74-138
74-83-9	Bromomethane	50	52.6	105	56-150
78-93-3	2-Butanone (MEK)	200	183	92	72-138
104-51-8	n-Butylbenzene	50	53.2	106	81-124
135-98-8	sec-Butylbenzene	50	50.7	101	78-120
98-06-6	tert-Butylbenzene	50	51.9	104	78-121
75-15-0	Carbon disulfide	50	47.2	94	67-131
56-23-5	Carbon tetrachloride	50	55.1	110	72-130
108-90-7	Chlorobenzene	50	50.3	101	83-114
75-00-3	Chloroethane	50	49.3	99	67-141
67-66-3	Chloroform	50	45.0	90	76-115
74-87-3	Chloromethane	50	41.2	82	57-141
95-49-8	o-Chlorotoluene	50	51.2	102	81-118
106-43-4	p-Chlorotoluene	50	49.8	100	78-117
96-12-8	1,2-Dibromo-3-chloropropane	50	47.4	95	72-131
124-48-1	Dibromochloromethane	50	51.1	102	80-128
106-93-4	1,2-Dibromoethane	50	51.5	103	58-145
95-50-1	1,2-Dichlorobenzene	50	51.3	103	83-117
541-73-1	1,3-Dichlorobenzene	50	50.8	102	82-114
106-46-7	1,4-Dichlorobenzene	50	49.7	99	79-114
110-57-6	Trans-1,4-Dichloro-2-Butene	50	46.9	94	62-139
75-71-8	Dichlorodifluoromethane	50	43.0	86	49-146
75-34-3	1,1-Dichloroethane	50	49.5	99	76-126
107-06-2	1,2-Dichloroethane	50	45.0	90	76-118
75-35-4	1,1-Dichloroethene	50	49.9	100	72-125
156-59-2	cis-1,2-Dichloroethene	50	47.1	94	80-118
156-60-5	trans-1,2-Dichloroethene	50	49.3	99	76-122
78-87-5	1,2-Dichloropropane	50	51.4	103	82-123
142-28-9	1,3-Dichloropropane	50	50.8	102	84-120
594-20-7	2,2-Dichloropropane	50	52.5	105	66-130
563-58-6	1,1-Dichloropropene	50	54.9	110	78-122

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9001-BS	Y207526.D	1	05/10/24	PS	n/a	n/a	VY9001

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-28, JD87492-29, JD87492-30, JD87492-31, JD87492-32, JD87492-33, JD87492-36

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
10061-01-5	cis-1,3-Dichloropropene	50	53.8	108	83-123
10061-02-6	trans-1,3-Dichloropropene	50	52.7	105	83-123
100-41-4	Ethylbenzene	50	48.3	97	83-115
76-13-1	Freon 113	50	50.3	101	65-132
87-68-3	Hexachlorobutadiene	50	51.8	104	65-130
591-78-6	2-Hexanone	200	175	88	73-138
98-82-8	Isopropylbenzene	50	50.3	101	81-122
99-87-6	p-Isopropyltoluene	50	50.7	101	80-120
1634-04-4	Methyl Tert Butyl Ether	50	48.3	97	75-126
108-10-1	4-Methyl-2-pentanone(MIBK)	200	186	93	71-138
74-95-3	Methylene bromide	50	49.7	99	81-122
75-09-2	Methylene chloride	50	46.5	93	73-122
91-20-3	Naphthalene	50	48.0	96	71-129
103-65-1	n-Propylbenzene	50	48.3	97	77-120
100-42-5	Styrene	50	50.5	101	84-122
630-20-6	1,1,1,2-Tetrachloroethane	50	53.9	108	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	46.6	93	75-127
127-18-4	Tetrachloroethene	50	51.1	102	73-125
109-99-9	Tetrahydrofuran	50	37.0	74	61-136
108-88-3	Toluene	50	49.9	100	82-118
87-61-6	1,2,3-Trichlorobenzene	50	52.3	105	68-132
120-82-1	1,2,4-Trichlorobenzene	50	54.6	109	72-133
71-55-6	1,1,1-Trichloroethane	50	52.0	104	77-124
79-00-5	1,1,2-Trichloroethane	50	50.5	101	83-122
79-01-6	Trichloroethene	50	53.8	108	80-122
75-69-4	Trichlorofluoromethane	50	44.9	90	69-132
96-18-4	1,2,3-Trichloropropane	50	46.8	94	80-120
95-63-6	1,2,4-Trimethylbenzene	50	50.8	102	80-119
108-67-8	1,3,5-Trimethylbenzene	50	50.9	102	79-120
75-01-4	Vinyl chloride	50	48.1	96	60-144
	m,p-Xylene	100	99.4	99	82-119
95-47-6	o-Xylene	50	50.0	100	84-120

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9001-BS	Y207526.D	1	05/10/24	PS	n/a	n/a	VY9001

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-28, JD87492-29, JD87492-30, JD87492-31, JD87492-32, JD87492-33, JD87492-36

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	80-124%
17060-07-0	1,2-Dichloroethane-D4	84%	75-133%
2037-26-5	Toluene-D8	97%	79-125%
460-00-4	4-Bromofluorobenzene	97%	58-148%

6.2.4
6

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K453-BS	1K16661.D	1	05/11/24	JN	n/a	n/a	V1K453

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-34, JD87492-37, JD87492-38, JD87492-39

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	10000	9410	94	52-156
107-13-1	Acrylonitrile	2500	3290	132	56-159
71-43-2	Benzene	2500	2490	100	82-119
108-86-1	Bromobenzene	2500	2450	98	82-115
75-27-4	Bromodichloromethane	2500	2500	100	83-121
75-25-2	Bromoform	2500	2380	95	74-138
74-83-9	Bromomethane	2500	2730	109	56-150
78-93-3	2-Butanone (MEK)	10000	11000	110	72-138
104-51-8	n-Butylbenzene	2500	2660	106	81-124
135-98-8	sec-Butylbenzene	2500	2600	104	78-120
98-06-6	tert-Butylbenzene	2500	2650	106	78-121
75-15-0	Carbon disulfide	2500	2600	104	67-131
56-23-5	Carbon tetrachloride	2500	2750	110	72-130
108-90-7	Chlorobenzene	2500	2500	100	83-114
75-00-3	Chloroethane	2500	2330	93	67-141
67-66-3	Chloroform	2500	2640	106	76-115
74-87-3	Chloromethane	2500	2840	114	57-141
95-49-8	o-Chlorotoluene	2500	2610	104	81-118
106-43-4	p-Chlorotoluene	2500	2640	106	78-117
96-12-8	1,2-Dibromo-3-chloropropane	2500	2540	102	72-131
124-48-1	Dibromochloromethane	2500	2520	101	80-128
106-93-4	1,2-Dibromoethane	2500	2600	104	58-145
95-50-1	1,2-Dichlorobenzene	2500	2500	100	83-117
541-73-1	1,3-Dichlorobenzene	2500	2520	101	82-114
106-46-7	1,4-Dichlorobenzene	2500	2550	102	79-114
110-57-6	Trans-1,4-Dichloro-2-Butene	2500	2470	99	62-139
75-71-8	Dichlorodifluoromethane	2500	2840	114	49-146
75-34-3	1,1-Dichloroethane	2500	2700	108	76-126
107-06-2	1,2-Dichloroethane	2500	2420	97	76-118
75-35-4	1,1-Dichloroethene	2500	2790	112	72-125
156-59-2	cis-1,2-Dichloroethene	2500	2790	112	80-118
156-60-5	trans-1,2-Dichloroethene	2500	2790	112	76-122
78-87-5	1,2-Dichloropropane	2500	2410	96	82-123
142-28-9	1,3-Dichloropropane	2500	2550	102	84-120
594-20-7	2,2-Dichloropropane	2500	2850	114	66-130
563-58-6	1,1-Dichloropropene	2500	2880	115	78-122

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K453-BS	1K16661.D	1	05/11/24	JN	n/a	n/a	V1K453

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-34, JD87492-37, JD87492-38, JD87492-39

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
10061-01-5	cis-1,3-Dichloropropene	2500	2550	102	83-123
10061-02-6	trans-1,3-Dichloropropene	2500	2570	103	83-123
100-41-4	Ethylbenzene	2500	2460	98	83-115
76-13-1	Freon 113	2500	2890	116	65-132
87-68-3	Hexachlorobutadiene	2500	2540	102	65-130
591-78-6	2-Hexanone	10000	9120	91	73-138
98-82-8	Isopropylbenzene	2500	2540	102	81-122
99-87-6	p-Isopropyltoluene	2500	2710	108	80-120
1634-04-4	Methyl Tert Butyl Ether	2500	2860	114	75-126
108-10-1	4-Methyl-2-pentanone(MIBK)	10000	9280	93	71-138
74-95-3	Methylene bromide	2500	2450	98	81-122
75-09-2	Methylene chloride	2500	2770	111	73-122
91-20-3	Naphthalene	2500	2670	107	71-129
103-65-1	n-Propylbenzene	2500	2610	104	77-120
100-42-5	Styrene	2500	2530	101	84-122
630-20-6	1,1,1,2-Tetrachloroethane	2500	2450	98	81-125
79-34-5	1,1,2,2-Tetrachloroethane	2500	2580	103	75-127
127-18-4	Tetrachloroethene	2500	2470	99	73-125
109-99-9	Tetrahydrofuran	2500	3120	125	61-136
108-88-3	Toluene	2500	2520	101	82-118
87-61-6	1,2,3-Trichlorobenzene	2500	2370	95	68-132
120-82-1	1,2,4-Trichlorobenzene	2500	2480	99	72-133
71-55-6	1,1,1-Trichloroethane	2500	2880	115	77-124
79-00-5	1,1,2-Trichloroethane	2500	2560	102	83-122
79-01-6	Trichloroethene	2500	2520	101	80-122
75-69-4	Trichlorofluoromethane	2500	3270	131	69-132
96-18-4	1,2,3-Trichloropropane	2500	2640	106	80-120
95-63-6	1,2,4-Trimethylbenzene	2500	2650	106	80-119
108-67-8	1,3,5-Trimethylbenzene	2500	2680	107	79-120
75-01-4	Vinyl chloride	2500	3020	121	60-144
	m,p-Xylene	5000	5150	103	82-119
95-47-6	o-Xylene	2500	2550	102	84-120

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K453-BS	1K16661.D	1	05/11/24	JN	n/a	n/a	V1K453

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-34, JD87492-37, JD87492-38, JD87492-39

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	110%	80-124%
17060-07-0	1,2-Dichloroethane-D4	106%	75-133%
2037-26-5	Toluene-D8	100%	79-125%
460-00-4	4-Bromofluorobenzene	104%	58-148%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K454-BS	1K16705.D	1	05/13/24	ED	n/a	n/a	V1K454

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-38

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-63-6	1,2,4-Trimethylbenzene	2500	2340	94	80-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	107%	80-124%
17060-07-0	1,2-Dichloroethane-D4	99%	75-133%
2037-26-5	Toluene-D8	99%	79-125%
460-00-4	4-Bromofluorobenzene	102%	58-148%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K457-BS	1K16801.D	1	05/15/24	JN	n/a	n/a	V1K457

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-22, JD87492-23, JD87492-24

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	10000	9000	90	52-156
107-13-1	Acrylonitrile	2500	2360	94	56-159
71-43-2	Benzene	2500	2210	88	82-119
108-86-1	Bromobenzene	2500	2250	90	82-115
75-27-4	Bromodichloromethane	2500	2230	89	83-121
75-25-2	Bromoform	2500	2090	84	74-138
74-83-9	Bromomethane	2500	2230	89	56-150
78-93-3	2-Butanone (MEK)	10000	10100	101	72-138
104-51-8	n-Butylbenzene	2500	2350	94	81-124
135-98-8	sec-Butylbenzene	2500	2340	94	78-120
98-06-6	tert-Butylbenzene	2500	2390	96	78-121
75-15-0	Carbon disulfide	2500	2260	90	67-131
56-23-5	Carbon tetrachloride	2500	2220	89	72-130
108-90-7	Chlorobenzene	2500	2230	89	83-114
75-00-3	Chloroethane	2500	1970	79	67-141
67-66-3	Chloroform	2500	2340	94	76-115
74-87-3	Chloromethane	2500	2340	94	57-141
95-49-8	o-Chlorotoluene	2500	2360	94	81-118
106-43-4	p-Chlorotoluene	2500	2380	95	78-117
96-12-8	1,2-Dibromo-3-chloropropane	2500	2280	91	72-131
124-48-1	Dibromochloromethane	2500	2280	91	80-128
106-93-4	1,2-Dibromoethane	2500	2350	94	58-145
95-50-1	1,2-Dichlorobenzene	2500	2280	91	83-117
541-73-1	1,3-Dichlorobenzene	2500	2280	91	82-114
106-46-7	1,4-Dichlorobenzene	2500	2250	90	79-114
110-57-6	Trans-1,4-Dichloro-2-Butene	2500	1880	75	62-139
75-71-8	Dichlorodifluoromethane	2500	2110	84	49-146
75-34-3	1,1-Dichloroethane	2500	2270	91	76-126
107-06-2	1,2-Dichloroethane	2500	2170	87	76-118
75-35-4	1,1-Dichloroethene	2500	2310	92	72-125
156-59-2	cis-1,2-Dichloroethene	2500	2240	90	80-118
156-60-5	trans-1,2-Dichloroethene	2500	2280	91	76-122
78-87-5	1,2-Dichloropropane	2500	2160	86	82-123
142-28-9	1,3-Dichloropropane	2500	2330	93	84-120
594-20-7	2,2-Dichloropropane	2500	2280	91	66-130
563-58-6	1,1-Dichloropropene	2500	2370	95	78-122

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K457-BS	1K16801.D	1	05/15/24	JN	n/a	n/a	V1K457

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-22, JD87492-23, JD87492-24

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
10061-01-5	cis-1,3-Dichloropropene	2500	2300	92	83-123
10061-02-6	trans-1,3-Dichloropropene	2500	2290	92	83-123
100-41-4	Ethylbenzene	2500	2160	86	83-115
76-13-1	Freon 113	2500	2320	93	65-132
87-68-3	Hexachlorobutadiene	2500	2210	88	65-130
591-78-6	2-Hexanone	10000	8790	88	73-138
98-82-8	Isopropylbenzene	2500	2260	90	81-122
99-87-6	p-Isopropyltoluene	2500	2410	96	80-120
1634-04-4	Methyl Tert Butyl Ether	2500	2520	101	75-126
108-10-1	4-Methyl-2-pentanone(MIBK)	10000	8870	89	71-138
74-95-3	Methylene bromide	2500	2270	91	81-122
75-09-2	Methylene chloride	2500	2250	90	73-122
91-20-3	Naphthalene	2500	2500	100	71-129
103-65-1	n-Propylbenzene	2500	2330	93	77-120
100-42-5	Styrene	2500	2230	89	84-122
630-20-6	1,1,1,2-Tetrachloroethane	2500	2200	88	81-125
79-34-5	1,1,2,2-Tetrachloroethane	2500	2410	96	75-127
127-18-4	Tetrachloroethene	2500	2180	87	73-125
109-99-9	Tetrahydrofuran	2500	2480	99	61-136
108-88-3	Toluene	2500	2200	88	82-118
87-61-6	1,2,3-Trichlorobenzene	2500	2280	91	68-132
120-82-1	1,2,4-Trichlorobenzene	2500	2310	92	72-133
71-55-6	1,1,1-Trichloroethane	2500	2380	95	77-124
79-00-5	1,1,2-Trichloroethane	2500	2330	93	83-122
79-01-6	Trichloroethene	2500	2210	88	80-122
75-69-4	Trichlorofluoromethane	2500	2510	100	69-132
96-18-4	1,2,3-Trichloropropane	2500	2460	98	80-120
95-63-6	1,2,4-Trimethylbenzene	2500	2360	94	80-119
108-67-8	1,3,5-Trimethylbenzene	2500	2400	96	79-120
75-01-4	Vinyl chloride	2500	1900	76	60-144
	m,p-Xylene	5000	4550	91	82-119
95-47-6	o-Xylene	2500	2240	90	84-120

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1K457-BS	1K16801.D	1	05/15/24	JN	n/a	n/a	V1K457

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-22, JD87492-23, JD87492-24

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	80-124%
17060-07-0	1,2-Dichloroethane-D4	101%	75-133%
2037-26-5	Toluene-D8	98%	79-125%
460-00-4	4-Bromofluorobenzene	102%	58-148%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10430-BS	I257998.D	1	05/13/24	PS	n/a	n/a	VI10430
VI10430-BSD	I257999.D	1	05/13/24	PS	n/a	n/a	VI10430

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-35

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	200	260	130	257	129	1	52-156/12
107-13-1	Acrylonitrile	50	64.7	129	62.3	125	4	56-159/11
71-43-2	Benzene	50	53.9	108	54.1	108	0	82-119/10
108-86-1	Bromobenzene	50	52.6	105	53.2	106	1	82-115/10
75-27-4	Bromodichloromethane	50	57.4	115	58.3	117	2	83-121/10
75-25-2	Bromoform	50	53.8	108	55.6	111	3	74-138/10
74-83-9	Bromomethane	50	51.7	103	48.9	98	6	56-150/12
78-93-3	2-Butanone (MEK)	200	251	126	258	129	3	72-138/10
104-51-8	n-Butylbenzene	50	52.7	105	54.0	108	2	81-124/11
135-98-8	sec-Butylbenzene	50	49.9	100	50.7	101	2	78-120/10
98-06-6	tert-Butylbenzene	50	50.6	101	51.5	103	2	78-121/10
75-15-0	Carbon disulfide	50	53.8	108	52.0	104	3	67-131/11
56-23-5	Carbon tetrachloride	50	55.7	111	54.0	108	3	72-130/11
108-90-7	Chlorobenzene	50	52.6	105	53.6	107	2	83-114/10
75-00-3	Chloroethane	50	55.1	110	55.2	110	0	67-141/12
67-66-3	Chloroform	50	56.7	113	55.9	112	1	76-115/10
74-87-3	Chloromethane	50	51.1	102	48.9	98	4	57-141/13
95-49-8	o-Chlorotoluene	50	51.3	103	53.2	106	4	81-118/10
106-43-4	p-Chlorotoluene	50	50.3	101	52.2	104	4	78-117/10
96-12-8	1,2-Dibromo-3-chloropropane	50	47.4	95	49.6	99	5	72-131/11
124-48-1	Dibromochloromethane	50	53.1	106	53.5	107	1	80-128/10
106-93-4	1,2-Dibromoethane	50	53.8	108	54.8	110	2	58-145/10
95-50-1	1,2-Dichlorobenzene	50	53.3	107	53.2	106	0	83-117/10
541-73-1	1,3-Dichlorobenzene	50	52.7	105	53.8	108	2	82-114/10
106-46-7	1,4-Dichlorobenzene	50	51.6	103	52.4	105	2	79-114/10
110-57-6	Trans-1,4-Dichloro-2-Butene	50	55.2	110	57.4	115	4	62-139/10
75-71-8	Dichlorodifluoromethane	50	53.6	107	52.7	105	2	49-146/13
75-34-3	1,1-Dichloroethane	50	57.8	116	56.7	113	2	76-126/10
107-06-2	1,2-Dichloroethane	50	58.9	118	59.4	119* [a]	1	76-118/10
75-35-4	1,1-Dichloroethene	50	60.9	122	58.6	117	4	72-125/11
156-59-2	cis-1,2-Dichloroethene	50	54.9	110	54.2	108	1	80-118/10
156-60-5	trans-1,2-Dichloroethene	50	60.7	121	59.1	118	3	76-122/10
78-87-5	1,2-Dichloropropane	50	56.7	113	57.5	115	1	82-123/10
142-28-9	1,3-Dichloropropane	50	56.3	113	56.4	113	0	84-120/10
594-20-7	2,2-Dichloropropane	50	56.1	112	54.6	109	3	66-130/11
563-58-6	1,1-Dichloropropene	50	55.8	112	55.0	110	1	78-122/10

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10430-BS	I257998.D	1	05/13/24	PS	n/a	n/a	VI10430
VI10430-BSD	I257999.D	1	05/13/24	PS	n/a	n/a	VI10430

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-35

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
10061-01-5	cis-1,3-Dichloropropene	50	55.4	111	56.9	114	3	83-123/10
10061-02-6	trans-1,3-Dichloropropene	50	57.6	115	57.9	116	1	83-123/10
100-41-4	Ethylbenzene	50	54.7	109	55.9	112	2	83-115/10
76-13-1	Freon 113	50	54.7	109	54.0	108	1	65-132/11
87-68-3	Hexachlorobutadiene	50	59.6	119	59.3	119	1	65-130/11
591-78-6	2-Hexanone	200	241	121	256	128	6	73-138/10
98-82-8	Isopropylbenzene	50	50.7	101	53.1	106	5	81-122/11
99-87-6	p-Isopropyltoluene	50	51.5	103	53.4	107	4	80-120/10
1634-04-4	Methyl Tert Butyl Ether	50	51.6	103	52.8	106	2	75-126/12
108-10-1	4-Methyl-2-pentanone(MIBK)	200	220	110	228	114	4	71-138/10
74-95-3	Methylene bromide	50	50.4	101	52.1	104	3	81-122/10
75-09-2	Methylene chloride	50	52.7	105	53.8	108	2	73-122/10
91-20-3	Naphthalene	50	46.8	94	47.2	94	1	71-129/14
103-65-1	n-Propylbenzene	50	52.0	104	53.3	107	2	77-120/10
100-42-5	Styrene	50	51.7	103	53.7	107	4	84-122/10
630-20-6	1,1,1,2-Tetrachloroethane	50	54.6	109	56.0	112	3	81-125/10
79-34-5	1,1,2,2-Tetrachloroethane	50	51.5	103	53.1	106	3	75-127/10
127-18-4	Tetrachloroethene	50	55.3	111	55.4	111	0	73-125/11
109-99-9	Tetrahydrofuran	50	46.3	93	44.9	90	3	61-136/11
108-88-3	Toluene	50	52.6	105	53.3	107	1	82-118/10
87-61-6	1,2,3-Trichlorobenzene	50	52.1	104	52.3	105	0	68-132/13
120-82-1	1,2,4-Trichlorobenzene	50	54.2	108	54.0	108	0	72-133/12
71-55-6	1,1,1-Trichloroethane	50	57.0	114	56.5	113	1	77-124/11
79-00-5	1,1,2-Trichloroethane	50	54.6	109	54.7	109	0	83-122/10
79-01-6	Trichloroethene	50	54.5	109	54.4	109	0	80-122/10
75-69-4	Trichlorofluoromethane	50	58.1	116	56.0	112	4	69-132/11
96-18-4	1,2,3-Trichloropropane	50	52.1	104	52.5	105	1	80-120/10
95-63-6	1,2,4-Trimethylbenzene	50	49.9	100	51.1	102	2	80-119/10
108-67-8	1,3,5-Trimethylbenzene	50	49.6	99	50.8	102	2	79-120/10
75-01-4	Vinyl chloride	50	57.9	116	56.8	114	2	60-144/13
	m,p-Xylene	100	103	103	106	106	3	82-119/10
95-47-6	o-Xylene	50	52.0	104	53.0	106	2	84-120/10

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI10430-BS	I257998.D	1	05/13/24	PS	n/a	n/a	VI10430
VI10430-BSD	I257999.D	1	05/13/24	PS	n/a	n/a	VI10430

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-35

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	104%	102%	80-124%
17060-07-0	1,2-Dichloroethane-D4	114%	114%	75-133%
2037-26-5	Toluene-D8	104%	104%	79-125%
460-00-4	4-Bromofluorobenzene	100%	103%	58-148%

(a) Outside of in house control limits, but within reasonable method recovery limits.

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-1MS	I257637.D	1	05/02/24	PS	n/a	n/a	VI10417
JD87492-1	I257629.D	1	05/02/24	PS	n/a	n/a	VI10417

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-1, JD87492-2, JD87492-3, JD87492-4, JD87492-5, JD87492-6, JD87492-7, JD87492-8, JD87492-9, JD87492-10

CAS No.	Compound	JD87492-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	7.9		186	104	52	10-170
107-13-1	Acrylonitrile	ND		46.5	41.5	89	41-148
71-43-2	Benzene	ND		46.5	46.6	100	61-132
108-86-1	Bromobenzene	ND		46.5	43.8	94	52-127
75-27-4	Bromodichloromethane	ND		46.5	45.7	98	65-129
75-25-2	Bromoform	ND		46.5	41.8	90	52-136
74-83-9	Bromomethane	ND		46.5	36.5	78	23-158
78-93-3	2-Butanone (MEK)	ND		186	152	82	45-142
104-51-8	n-Butylbenzene	ND		46.5	41.4	89	19-154
135-98-8	sec-Butylbenzene	ND		46.5	41.3	89	27-149
98-06-6	tert-Butylbenzene	ND		46.5	42.4	91	38-142
75-15-0	Carbon disulfide	ND		46.5	35.2	76	50-140
56-23-5	Carbon tetrachloride	ND		46.5	42.3	91	54-139
108-90-7	Chlorobenzene	ND		46.5	43.0	92	57-127
75-00-3	Chloroethane	ND		46.5	38.9	84	30-157
67-66-3	Chloroform	ND		46.5	44.2	95	59-127
74-87-3	Chloromethane	ND		46.5	43.7	94	49-145
95-49-8	o-Chlorotoluene	ND		46.5	44.8	96	46-133
106-43-4	p-Chlorotoluene	ND		46.5	41.6	89	44-132
96-12-8	1,2-Dibromo-3-chloropropane	ND		46.5	34.9	75	35-140
124-48-1	Dibromochloromethane	ND		46.5	41.1	88	63-129
106-93-4	1,2-Dibromoethane	ND		46.5	41.0	88	45-141
95-50-1	1,2-Dichlorobenzene	ND		46.5	44.2	95	38-136
541-73-1	1,3-Dichlorobenzene	ND		46.5	44.1	95	37-135
106-46-7	1,4-Dichlorobenzene	ND		46.5	42.8	92	36-134
110-57-6	Trans-1,4-Dichloro-2-Butene	ND		46.5	34.4	74	28-148
75-71-8	Dichlorodifluoromethane	ND		46.5	27.0	58	33-152
75-34-3	1,1-Dichloroethane	ND		46.5	38.4	83	68-131
107-06-2	1,2-Dichloroethane	ND		46.5	44.4	95	64-119
75-35-4	1,1-Dichloroethene	ND		46.5	39.5	85	60-133
156-59-2	cis-1,2-Dichloroethene	ND		46.5	43.3	93	58-133
156-60-5	trans-1,2-Dichloroethene	ND		46.5	41.1	88	62-130
78-87-5	1,2-Dichloropropane	ND		46.5	50.2	108	70-127
142-28-9	1,3-Dichloropropane	ND		46.5	43.6	94	69-122
594-20-7	2,2-Dichloropropane	ND		46.5	23.8	51	45-134
563-58-6	1,1-Dichloropropene	ND		46.5	44.4	95	62-131

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-1MS	I257637.D	1	05/02/24	PS	n/a	n/a	VI10417
JD87492-1	I257629.D	1	05/02/24	PS	n/a	n/a	VI10417

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-1, JD87492-2, JD87492-3, JD87492-4, JD87492-5, JD87492-6, JD87492-7, JD87492-8, JD87492-9, JD87492-10

CAS No.	Compound	JD87492-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
10061-01-5	cis-1,3-Dichloropropene	ND		46.5	40.9	88	64-126
10061-02-6	trans-1,3-Dichloropropene	ND		46.5	39.6	85	61-127
100-41-4	Ethylbenzene	ND		46.5	45.2	97	51-133
76-13-1	Freon 113	ND		46.5	34.2	74	46-138
87-68-3	Hexachlorobutadiene	ND		46.5	38.8	83	10-160
591-78-6	2-Hexanone	ND		186	164	88	45-144
98-82-8	Isopropylbenzene	ND		46.5	43.2	93	44-142
99-87-6	p-Isopropyltoluene	ND		46.5	41.1	88	29-145
1634-04-4	Methyl Tert Butyl Ether	ND		46.5	34.0	73	62-125
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		186	189	102	50-138
74-95-3	Methylene bromide	ND		46.5	41.8	90	66-122
75-09-2	Methylene chloride	ND		46.5	39.0	84	63-127
91-20-3	Naphthalene	ND		46.5	34.3	74	13-149
103-65-1	n-Propylbenzene	ND		46.5	43.9	94	36-141
100-42-5	Styrene	ND		46.5	44.9	97	48-143
630-20-6	1,1,1,2-Tetrachloroethane	ND		46.5	44.1	95	62-132
79-34-5	1,1,2,2-Tetrachloroethane	ND		46.5	28.8	62	44-135
127-18-4	Tetrachloroethene	ND		46.5	43.1	93	38-146
109-99-9	Tetrahydrofuran	ND		46.5	32.7	70	43-134
108-88-3	Toluene	ND		46.5	43.9	94	56-135
87-61-6	1,2,3-Trichlorobenzene	ND		46.5	38.8	83	10-153
120-82-1	1,2,4-Trichlorobenzene	ND		46.5	39.1	84	10-158
71-55-6	1,1,1-Trichloroethane	ND		46.5	43.3	93	61-134
79-00-5	1,1,2-Trichloroethane	ND		46.5	41.6	89	62-133
79-01-6	Trichloroethene	ND		46.5	54.9	118	52-144
75-69-4	Trichlorofluoromethane	ND		46.5	37.1	80	50-141
96-18-4	1,2,3-Trichloropropane	ND		46.5	41.3	89	50-134
95-63-6	1,2,4-Trimethylbenzene	ND		46.5	42.5	91	30-149
108-67-8	1,3,5-Trimethylbenzene	ND		46.5	42.2	91	36-145
75-01-4	Vinyl chloride	ND		46.5	52.4	113	48-151
	m,p-Xylene	ND		93	87.1	94	51-135
95-47-6	o-Xylene	ND		46.5	44.3	95	52-137

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-1MS	I257637.D	1	05/02/24	PS	n/a	n/a	VI10417
JD87492-1	I257629.D	1	05/02/24	PS	n/a	n/a	VI10417

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-1, JD87492-2, JD87492-3, JD87492-4, JD87492-5, JD87492-6, JD87492-7, JD87492-8, JD87492-9, JD87492-10

CAS No.	Surrogate Recoveries	MS	JD87492-1	Limits
1868-53-7	Dibromofluoromethane	99%	110%	80-124%
17060-07-0	1,2-Dichloroethane-D4	106%	117%	75-133%
2037-26-5	Toluene-D8	99%	103%	79-125%
460-00-4	4-Bromofluorobenzene	96%	96%	58-148%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-12MS	1C201120.D	1	05/07/24	PS	n/a	n/a	V1C8692
JD87492-12	1C201115.D	1	05/07/24	PS	n/a	n/a	V1C8692

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-11, JD87492-12, JD87492-13, JD87492-14, JD87492-17, JD87492-18, JD87492-19, JD87492-20, JD87492-21, JD87492-25, JD87492-26, JD87492-27

CAS No.	Compound	JD87492-12 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	5.9		158	134	81	10-170
107-13-1	Acrylonitrile	ND		39.4	34.9	89	41-148
71-43-2	Benzene	ND		39.4	34.3	87	61-132
108-86-1	Bromobenzene	ND		39.4	34.1	87	52-127
75-27-4	Bromodichloromethane	ND		39.4	35.3	90	65-129
75-25-2	Bromoform	ND		39.4	32.7	83	52-136
74-83-9	Bromomethane	ND		39.4	43.1	109	23-158
78-93-3	2-Butanone (MEK)	ND		158	148	94	45-142
104-51-8	n-Butylbenzene	ND		39.4	31.1	79	19-154
135-98-8	sec-Butylbenzene	ND		39.4	32.4	82	27-149
98-06-6	tert-Butylbenzene	ND		39.4	33.8	86	38-142
75-15-0	Carbon disulfide	ND		39.4	35.6	90	50-140
56-23-5	Carbon tetrachloride	ND		39.4	36.7	93	54-139
108-90-7	Chlorobenzene	ND		39.4	34.6	88	57-127
75-00-3	Chloroethane	ND		39.4	44.6	113	30-157
67-66-3	Chloroform	ND		39.4	37.0	94	59-127
74-87-3	Chloromethane	ND		39.4	43.0	109	49-145
95-49-8	o-Chlorotoluene	ND		39.4	34.3	87	46-133
106-43-4	p-Chlorotoluene	ND		39.4	32.0	81	44-132
96-12-8	1,2-Dibromo-3-chloropropane	ND		39.4	31.2	79	35-140
124-48-1	Dibromochloromethane	ND		39.4	34.9	89	63-129
106-93-4	1,2-Dibromoethane	ND		39.4	36.7	93	45-141
95-50-1	1,2-Dichlorobenzene	ND		39.4	33.3	84	38-136
541-73-1	1,3-Dichlorobenzene	ND		39.4	32.7	83	37-135
106-46-7	1,4-Dichlorobenzene	ND		39.4	32.3	82	36-134
110-57-6	Trans-1,4-Dichloro-2-Butene	ND		39.4	26.1	66	28-148
75-71-8	Dichlorodifluoromethane	ND		39.4	48.1	122	33-152
75-34-3	1,1-Dichloroethane	ND		39.4	37.2	94	68-131
107-06-2	1,2-Dichloroethane	ND		39.4	33.0	84	64-119
75-35-4	1,1-Dichloroethene	ND		39.4	36.4	92	60-133
156-59-2	cis-1,2-Dichloroethene	ND		39.4	36.6	93	58-133
156-60-5	trans-1,2-Dichloroethene	ND		39.4	37.0	94	62-130
78-87-5	1,2-Dichloropropane	ND		39.4	33.6	85	70-127
142-28-9	1,3-Dichloropropane	ND		39.4	34.3	87	69-122
594-20-7	2,2-Dichloropropane	ND		39.4	23.5	60	45-134
563-58-6	1,1-Dichloropropene	ND		39.4	38.3	97	62-131

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-12MS	1C201120.D	1	05/07/24	PS	n/a	n/a	V1C8692
JD87492-12	1C201115.D	1	05/07/24	PS	n/a	n/a	V1C8692

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-11, JD87492-12, JD87492-13, JD87492-14, JD87492-17, JD87492-18, JD87492-19, JD87492-20, JD87492-21, JD87492-25, JD87492-26, JD87492-27

CAS No.	Compound	JD87492-12 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
10061-01-5	cis-1,3-Dichloropropene	ND		39.4	33.2	84	64-126
10061-02-6	trans-1,3-Dichloropropene	ND		39.4	33.9	86	61-127
100-41-4	Ethylbenzene	ND		39.4	35.1	89	51-133
76-13-1	Freon 113	ND		39.4	34.9	89	46-138
87-68-3	Hexachlorobutadiene	ND		39.4	28.1	71	10-160
591-78-6	2-Hexanone	ND		158	124	79	45-144
98-82-8	Isopropylbenzene	ND		39.4	33.8	86	44-142
99-87-6	p-Isopropyltoluene	ND		39.4	31.8	81	29-145
1634-04-4	Methyl Tert Butyl Ether	ND		39.4	36.1	92	62-125
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		158	132	84	50-138
74-95-3	Methylene bromide	ND		39.4	34.3	87	66-122
75-09-2	Methylene chloride	ND		39.4	38.4	97	63-127
91-20-3	Naphthalene	ND		39.4	29.5	75	13-149
103-65-1	n-Propylbenzene	ND		39.4	32.9	83	36-141
100-42-5	Styrene	ND		39.4	33.3	84	48-143
630-20-6	1,1,1,2-Tetrachloroethane	ND		39.4	36.2	92	62-132
79-34-5	1,1,2,2-Tetrachloroethane	ND		39.4	31.8	81	44-135
127-18-4	Tetrachloroethene	ND		39.4	34.7	88	38-146
109-99-9	Tetrahydrofuran	ND		39.4	31.9	81	43-134
108-88-3	Toluene	ND		39.4	35.7	91	56-135
87-61-6	1,2,3-Trichlorobenzene	ND		39.4	29.9	76	10-153
120-82-1	1,2,4-Trichlorobenzene	ND		39.4	31.3	79	10-158
71-55-6	1,1,1-Trichloroethane	ND		39.4	37.6	95	61-134
79-00-5	1,1,2-Trichloroethane	ND		39.4	36.6	93	62-133
79-01-6	Trichloroethene	ND		39.4	38.1	97	52-144
75-69-4	Trichlorofluoromethane	ND		39.4	41.9	106	50-141
96-18-4	1,2,3-Trichloropropane	ND		39.4	33.7	85	50-134
95-63-6	1,2,4-Trimethylbenzene	ND		39.4	35.6	90	30-149
108-67-8	1,3,5-Trimethylbenzene	ND		39.4	33.9	86	36-145
75-01-4	Vinyl chloride	ND		39.4	46.5	118	48-151
	m,p-Xylene	ND		78.8	67.3	85	51-135
95-47-6	o-Xylene	ND		39.4	34.3	87	52-137

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-12MS	1C201120.D	1	05/07/24	PS	n/a	n/a	V1C8692
JD87492-12	1C201115.D	1	05/07/24	PS	n/a	n/a	V1C8692

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-11, JD87492-12, JD87492-13, JD87492-14, JD87492-17, JD87492-18, JD87492-19, JD87492-20, JD87492-21, JD87492-25, JD87492-26, JD87492-27

CAS No.	Surrogate Recoveries	MS	JD87492-12	Limits
1868-53-7	Dibromofluoromethane	105%	105%	80-124%
17060-07-0	1,2-Dichloroethane-D4	92%	99%	75-133%
2037-26-5	Toluene-D8	97%	100%	79-125%
460-00-4	4-Bromofluorobenzene	93%	94%	58-148%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-34MS	1K16672.D	1	05/11/24	JN	n/a	n/a	V1K453
JD87492-34MSD	1K16673.D	1	05/11/24	JN	n/a	n/a	V1K453
JD87492-34 [a]	1K16667.D	1	05/11/24	JN	n/a	n/a	V1K453

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-34, JD87492-37, JD87492-38, JD87492-39

CAS No.	Compound	JD87492-34 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		12600	6700	53	12600	6890	55	3	10-170/24
107-13-1	Acrylonitrile	ND		3140	2840	90	3140	3060	97	7	41-148/16
71-43-2	Benzene	ND		3140	2530	80	3140	2560	81	1	61-132/13
108-86-1	Bromobenzene	ND		3140	2540	81	3140	2530	80	0	52-127/16
75-27-4	Bromodichloromethane	ND		3140	2390	76	3140	2420	77	1	65-129/12
75-25-2	Bromoform	ND		3140	2200	70	3140	2190	70	0	52-136/16
74-83-9	Bromomethane	ND		3140	2090	66	3140	2240	71	7	23-158/29
78-93-3	2-Butanone (MEK)	ND		12600	10800	86	12600	11200	89	4	45-142/14
104-51-8	n-Butylbenzene	78.5		3140	2860	88	3140	2800	87	2	19-154/23
135-98-8	sec-Butylbenzene	ND		3140	2660	85	3140	2610	83	2	27-149/22
98-06-6	tert-Butylbenzene	ND		3140	2740	87	3140	2670	85	3	38-142/21
75-15-0	Carbon disulfide	ND		3140	2080	66	3140	2210	70	6	50-140/18
56-23-5	Carbon tetrachloride	ND		3140	2190	70	3140	2410	77	10	54-139/21
108-90-7	Chlorobenzene	ND		3140	2630	84	3140	2580	82	2	57-127/15
75-00-3	Chloroethane	ND		3140	1590	51	3140	1680	53	6	30-157/29
67-66-3	Chloroform	ND		3140	2450	78	3140	2760	88	12	59-127/16
74-87-3	Chloromethane	ND		3140	2710	86	3140	2930	93	8	49-145/21
95-49-8	o-Chlorotoluene	ND		3140	2690	86	3140	2680	85	0	46-133/17
106-43-4	p-Chlorotoluene	ND		3140	2720	87	3140	2680	85	1	44-132/17
96-12-8	1,2-Dibromo-3-chloropropane	ND		3140	2530	80	3140	2450	78	3	35-140/17
124-48-1	Dibromochloromethane	ND		3140	2450	78	3140	2430	77	1	63-129/12
106-93-4	1,2-Dibromoethane	ND		3140	2690	86	3140	2660	85	1	45-141/12
95-50-1	1,2-Dichlorobenzene	ND		3140	2630	84	3140	2580	82	2	38-136/19
541-73-1	1,3-Dichlorobenzene	ND		3140	2610	83	3140	2550	81	2	37-135/19
106-46-7	1,4-Dichlorobenzene	ND		3140	2630	84	3140	2550	81	3	36-134/19
110-57-6	Trans-1,4-Dichloro-2-Butene	ND		3140	2250	72	3140	2260	72	0	28-148/18
75-71-8	Dichlorodifluoromethane	ND		3140	2560	81	3140	2790	89	9	33-152/17
75-34-3	1,1-Dichloroethane	ND		3140	2620	83	3140	2650	84	1	68-131/13
107-06-2	1,2-Dichloroethane	ND		3140	2380	76	3140	2420	77	2	64-119/12
75-35-4	1,1-Dichloroethene	ND		3140	1780	57* [b]	3140	1900	60	7	60-133/15
156-59-2	cis-1,2-Dichloroethene	ND		3140	2630	84	3140	2810	89	7	58-133/15
156-60-5	trans-1,2-Dichloroethene	ND		3140	2570	82	3140	2750	87	7	62-130/16
78-87-5	1,2-Dichloropropane	ND		3140	2470	79	3140	2430	77	2	70-127/12
142-28-9	1,3-Dichloropropane	ND		3140	2620	83	3140	2600	83	1	69-122/11
594-20-7	2,2-Dichloropropane	ND		3140	2650	84	3140	2770	88	4	45-134/18
563-58-6	1,1-Dichloropropene	ND		3140	2700	86	3140	2860	91	6	62-131/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-34MS	1K16672.D	1	05/11/24	JN	n/a	n/a	V1K453
JD87492-34MSD	1K16673.D	1	05/11/24	JN	n/a	n/a	V1K453
JD87492-34 [a]	1K16667.D	1	05/11/24	JN	n/a	n/a	V1K453

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-34, JD87492-37, JD87492-38, JD87492-39

CAS No.	Compound	JD87492-34 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
10061-01-5	cis-1,3-Dichloropropene	ND		3140	2560	81	3140	2570	82	0	64-126/16
10061-02-6	trans-1,3-Dichloropropene	ND		3140	2680	85	3140	2660	85	1	61-127/13
100-41-4	Ethylbenzene	468		3140	3060	82	3140	3000	81	2	51-133/19
76-13-1	Freon 113	ND		3140	1790	57	3140	1960	62	9	46-138/17
87-68-3	Hexachlorobutadiene	ND		3140	2670	85	3140	2660	85	0	10-160/28
591-78-6	2-Hexanone	ND		12600	10200	81	12600	9870	78	3	45-144/16
98-82-8	Isopropylbenzene	ND		3140	2650	84	3140	2600	83	2	44-142/21
99-87-6	p-Isopropyltoluene	ND		3140	2830	90	3140	2740	87	3	29-145/21
1634-04-4	Methyl Tert Butyl Ether	ND		3140	2660	85	3140	2710	86	2	62-125/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		12600	9820	78	12600	9710	77	1	50-138/14
74-95-3	Methylene bromide	ND		3140	2480	79	3140	2470	79	0	66-122/12
75-09-2	Methylene chloride	ND		3140	2710	86	3140	2800	89	3	63-127/15
91-20-3	Naphthalene	466		3140	3170	86	3140	3090	83	3	13-149/34
103-65-1	n-Propylbenzene	198		3140	2870	85	3140	2790	82	3	36-141/20
100-42-5	Styrene	ND		3140	2610	83	3140	2590	82	1	48-143/18
630-20-6	1,1,1,2-Tetrachloroethane	ND		3140	2480	79	3140	2440	78	2	62-132/16
79-34-5	1,1,2,2-Tetrachloroethane	ND		3140	2900	92	3140	2840	90	2	44-135/20
127-18-4	Tetrachloroethene	ND		3140	2510	80	3140	2500	80	0	38-146/17
109-99-9	Tetrahydrofuran	ND		3140	2600	83	3140	2740	87	5	43-134/22
108-88-3	Toluene	46.3		3140	2680	84	3140	2710	85	1	56-135/15
87-61-6	1,2,3-Trichlorobenzene	ND		3140	2480	79	3140	2460	78	1	10-153/27
120-82-1	1,2,4-Trichlorobenzene	ND		3140	2640	84	3140	2580	82	2	10-158/27
71-55-6	1,1,1-Trichloroethane	ND		3140	2630	84	3140	2860	91	8	61-134/14
79-00-5	1,1,2-Trichloroethane	ND		3140	3390	108	3140	3260	104	4	62-133/17
79-01-6	Trichloroethene	ND		3140	2390	76	3140	2530	80	6	52-144/15
75-69-4	Trichlorofluoromethane	ND		3140	2220	71	3140	2460	78	10	50-141/18
96-18-4	1,2,3-Trichloropropane	ND		3140	2890	92	3140	2780	88	4	50-134/17
95-63-6	1,2,4-Trimethylbenzene	1270		3140	3980	86	3140	3830	81	4	30-149/19
108-67-8	1,3,5-Trimethylbenzene	424		3140	3190	88	3140	3110	85	3	36-145/19
75-01-4	Vinyl chloride	ND		3140	2980	95	3140	3240	103	8	48-151/18
	m,p-Xylene	1410		6290	6880	87	6290	6710	84	3	51-135/18
95-47-6	o-Xylene	525		3140	3220	86	3140	3130	83	3	52-137/18

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-34MS	1K16672.D	1	05/11/24	JN	n/a	n/a	V1K453
JD87492-34MSD	1K16673.D	1	05/11/24	JN	n/a	n/a	V1K453
JD87492-34 [a]	1K16667.D	1	05/11/24	JN	n/a	n/a	V1K453

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-34, JD87492-37, JD87492-38, JD87492-39

CAS No.	Surrogate Recoveries	MS	MSD	JD87492-34	Limits
1868-53-7	Dibromofluoromethane	100%	107%	100%	80-124%
17060-07-0	1,2-Dichloroethane-D4	94%	96%	94%	75-133%
2037-26-5	Toluene-D8	103%	102%	102%	79-125%
460-00-4	4-Bromofluorobenzene	104%	103%	106%	58-148%

(a) Dilution required due to high concentration of target compound.
(b) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-22MS	1K16810.D	1	05/15/24	JN	n/a	n/a	V1K457
JD87492-22MSD	1K16811.D	1	05/15/24	JN	n/a	n/a	V1K457
JD87492-22 [a]	1K16807.D	1	05/15/24	JN	n/a	n/a	V1K457

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-22, JD87492-23, JD87492-24

CAS No.	Compound	JD87492-22 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		9960	7760	78	9960	5540	56	33* [b]	10-170/24
107-13-1	Acrylonitrile	ND		2490	3210	129	2490	2390	96	29* [b]	41-148/16
71-43-2	Benzene	ND		2490	3110	125	2490	2070	83	40* [b]	61-132/13
108-86-1	Bromobenzene	ND		2490	3040	122	2490	2070	83	38* [b]	52-127/16
75-27-4	Bromodichloromethane	ND		2490	2880	116	2490	1850	74	44* [b]	65-129/12
75-25-2	Bromoform	ND		2490	2560	103	2490	1670	67	42* [b]	52-136/16
74-83-9	Bromomethane	ND		2490	2440	98	2490	1820	73	29	23-158/29
78-93-3	2-Butanone (MEK)	ND		9960	13000	131	9960	8780	88	39* [b]	45-142/14
104-51-8	n-Butylbenzene	68.8		2490	3470	137	2490	2340	91	39* [b]	19-154/23
135-98-8	sec-Butylbenzene	ND		2490	3280	132	2490	2190	88	40* [b]	27-149/22
98-06-6	tert-Butylbenzene	ND		2490	3310	133	2490	2250	90	38* [b]	38-142/21
75-15-0	Carbon disulfide	ND		2490	2720	109	2490	1890	76	36* [b]	50-140/18
56-23-5	Carbon tetrachloride	ND		2490	2830	114	2490	2030	82	33* [b]	54-139/21
108-90-7	Chlorobenzene	ND		2490	3050	122	2490	2070	83	38* [b]	57-127/15
75-00-3	Chloroethane	ND		2490	1920	77	2490	1410	57	31* [b]	30-157/29
67-66-3	Chloroform	ND		2490	2850	114	2490	1950	78	38* [b]	59-127/16
74-87-3	Chloromethane	ND		2490	3340	134	2490	2390	96	33* [b]	49-145/21
95-49-8	o-Chlorotoluene	ND		2490	3220	129	2490	2150	86	40* [b]	46-133/17
106-43-4	p-Chlorotoluene	ND		2490	3270	131	2490	2230	90	38* [b]	44-132/17
96-12-8	1,2-Dibromo-3-chloropropane	ND		2490	3040	122	2490	2000	80	41* [b]	35-140/17
124-48-1	Dibromochloromethane	ND		2490	2910	117	2490	1940	78	40* [b]	63-129/12
106-93-4	1,2-Dibromoethane	ND		2490	3170	127	2490	2140	86	39* [b]	45-141/12
95-50-1	1,2-Dichlorobenzene	ND		2490	3070	123	2490	2110	85	37* [b]	38-136/19
541-73-1	1,3-Dichlorobenzene	ND		2490	3120	125	2490	2120	85	38* [b]	37-135/19
106-46-7	1,4-Dichlorobenzene	ND		2490	3100	124	2490	2100	84	38* [b]	36-134/19
110-57-6	Trans-1,4-Dichloro-2-Butene	ND		2490	2800	112	2490	1830	73	42* [b]	28-148/18
75-71-8	Dichlorodifluoromethane	ND		2490	2990	120	2490	2110	85	35* [b]	33-152/17
75-34-3	1,1-Dichloroethane	ND		2490	3270	131	2490	2280	92	36* [b]	68-131/13
107-06-2	1,2-Dichloroethane	ND		2490	2960	119	2490	2000	80	39* [b]	64-119/12
75-35-4	1,1-Dichloroethene	ND		2490	2340	94	2490	1670	67	33* [b]	60-133/15
156-59-2	cis-1,2-Dichloroethene	ND		2490	3140	126	2490	2280	92	32* [b]	58-133/15
156-60-5	trans-1,2-Dichloroethene	ND		2490	3290	132* [b]	2490	2310	93	35* [b]	62-130/16
78-87-5	1,2-Dichloropropane	ND		2490	2980	120	2490	2040	82	37* [b]	70-127/12
142-28-9	1,3-Dichloropropane	ND		2490	3130	126* [b]	2490	2100	84	39* [b]	69-122/11
594-20-7	2,2-Dichloropropane	ND		2490	3040	122	2490	2130	86	35* [b]	45-134/18
563-58-6	1,1-Dichloropropene	ND		2490	3340	134* [b]	2490	2300	92	37* [b]	62-131/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-22MS	1K16810.D	1	05/15/24	JN	n/a	n/a	V1K457
JD87492-22MSD	1K16811.D	1	05/15/24	JN	n/a	n/a	V1K457
JD87492-22 [a]	1K16807.D	1	05/15/24	JN	n/a	n/a	V1K457

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-22, JD87492-23, JD87492-24

CAS No.	Compound	JD87492-22 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
10061-01-5	cis-1,3-Dichloropropene	ND		2490	3110	125	2490	2060	83	41* [b]	64-126/16
10061-02-6	trans-1,3-Dichloropropene	ND		2490	3120	125	2490	2110	85	39* [b]	61-127/13
100-41-4	Ethylbenzene	312		2490	3330	121	2490	2350	82	35* [b]	51-133/19
76-13-1	Freon 113	ND		2490	2250	90	2490	1630	65	32* [b]	46-138/17
87-68-3	Hexachlorobutadiene	ND		2490	3140	126	2490	2040	82	42* [b]	10-160/28
591-78-6	2-Hexanone	ND		9960	11900	119	9960	7890	79	41* [b]	45-144/16
98-82-8	Isopropylbenzene	ND		2490	3160	127	2490	2140	86	38* [b]	44-142/21
99-87-6	p-Isopropyltoluene	ND		2490	3400	137	2490	2280	92	39* [b]	29-145/21
1634-04-4	Methyl Tert Butyl Ether	ND		2490	3170	127* [b]	2490	2280	92	33* [b]	62-125/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		9960	11900	119	9960	7830	79	41* [b]	50-138/14
74-95-3	Methylene bromide	ND		2490	2990	120	2490	2040	82	38* [b]	66-122/12
75-09-2	Methylene chloride	ND		2490	3200	129* [b]	2490	2310	93	32* [b]	63-127/15
91-20-3	Naphthalene	129		2490	3400	131	2490	2330	88	37* [b]	13-149/34
103-65-1	n-Propylbenzene	206		2490	3470	131	2490	2390	88	37* [b]	36-141/20
100-42-5	Styrene	ND		2490	3070	123	2490	2090	84	38* [b]	48-143/18
630-20-6	1,1,1,2-Tetrachloroethane	ND		2490	2880	116	2490	1970	79	38* [b]	62-132/16
79-34-5	1,1,2,2-Tetrachloroethane	ND		2490	3350	135	2490	2240	90	40* [b]	44-135/20
127-18-4	Tetrachloroethene	ND		2490	3000	120	2490	1980	80	41* [b]	38-146/17
109-99-9	Tetrahydrofuran	ND		2490	3270	131	2490	2440	98	29* [b]	43-134/22
108-88-3	Toluene	ND		2490	3120	125	2490	2090	84	40* [b]	56-135/15
87-61-6	1,2,3-Trichlorobenzene	ND		2490	3050	122	2490	2080	84	38* [b]	10-153/27
120-82-1	1,2,4-Trichlorobenzene	ND		2490	3190	128	2490	2160	87	39* [b]	10-158/27
71-55-6	1,1,1-Trichloroethane	ND		2490	3270	131	2490	2290	92	35* [b]	61-134/14
79-00-5	1,1,2-Trichloroethane	ND		2490	3870	155* [b]	2490	2900	116	29* [b]	62-133/17
79-01-6	Trichloroethene	ND		2490	3050	122	2490	2050	82	39* [b]	52-144/15
75-69-4	Trichlorofluoromethane	ND		2490	2660	107	2490	1900	76	33* [b]	50-141/18
96-18-4	1,2,3-Trichloropropane	ND		2490	3330	134	2490	2260	91	38* [b]	50-134/17
95-63-6	1,2,4-Trimethylbenzene	1050		2490	4350	133	2490	3290	90	28* [b]	30-149/19
108-67-8	1,3,5-Trimethylbenzene	369		2490	3680	133	2490	2620	90	34* [b]	36-145/19
75-01-4	Vinyl chloride	ND		2490	2910	117	2490	2070	83	34* [b]	48-151/18
	m,p-Xylene	864		4980	7220	128	4980	5150	86	33* [b]	51-135/18
95-47-6	o-Xylene	119		2490	3190	123	2490	2200	84	37* [b]	52-137/18

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-22MS	1K16810.D	1	05/15/24	JN	n/a	n/a	V1K457
JD87492-22MSD	1K16811.D	1	05/15/24	JN	n/a	n/a	V1K457
JD87492-22 [a]	1K16807.D	1	05/15/24	JN	n/a	n/a	V1K457

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-22, JD87492-23, JD87492-24

CAS No.	Surrogate Recoveries	MS	MSD	JD87492-22	Limits
1868-53-7	Dibromofluoromethane	101%	106%	101%	80-124%
17060-07-0	1,2-Dichloroethane-D4	101%	101%	100%	75-133%
2037-26-5	Toluene-D8	101%	101%	102%	79-125%
460-00-4	4-Bromofluorobenzene	105%	107%	106%	58-148%

(a) Dilution required due to high concentration of target compound.
(b) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-3DUP	I257639.D	1	05/02/24	PS	n/a	n/a	VI10417
JD87492-3	I257630.D	1	05/02/24	PS	n/a	n/a	VI10417

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-1, JD87492-2, JD87492-3, JD87492-4, JD87492-5, JD87492-6, JD87492-7, JD87492-8, JD87492-9, JD87492-10

CAS No.	Compound	JD87492-3 ug/kg	Q	DUP ug/kg	Q	RPD	Limits
67-64-1	Acetone	9.9		15.2		42	50
107-13-1	Acrylonitrile	ND		ND		nc	30
71-43-2	Benzene	ND		ND		nc	44
108-86-1	Bromobenzene	ND		ND		nc	30
75-27-4	Bromodichloromethane	ND		ND		nc	22
75-25-2	Bromoform	ND		ND		nc	30
74-83-9	Bromomethane	ND		ND		nc	10
78-93-3	2-Butanone (MEK)	2.4		7.0	J	98* [a]	15
104-51-8	n-Butylbenzene	ND		ND		nc	31
135-98-8	sec-Butylbenzene	ND		ND		nc	28
98-06-6	tert-Butylbenzene	ND		ND		nc	16
75-15-0	Carbon disulfide	ND		ND		nc	43
56-23-5	Carbon tetrachloride	ND		ND		nc	38
108-90-7	Chlorobenzene	ND		ND		nc	11
75-00-3	Chloroethane	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	14
74-87-3	Chloromethane	ND		ND		nc	30
95-49-8	o-Chlorotoluene	ND		ND		nc	10
106-43-4	p-Chlorotoluene	ND		ND		nc	10
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	30
124-48-1	Dibromochloromethane	ND		ND		nc	10
106-93-4	1,2-Dibromoethane	ND		ND		nc	30
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	10
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	30
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	10
110-57-6	Trans-1,4-Dichloro-2-Butene	ND		ND		nc	30
75-71-8	Dichlorodifluoromethane	ND		ND		nc	30
75-34-3	1,1-Dichloroethane	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	36
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	14
78-87-5	1,2-Dichloropropane	ND		ND		nc	30
142-28-9	1,3-Dichloropropane	ND		ND		nc	30
594-20-7	2,2-Dichloropropane	ND		ND		nc	30
563-58-6	1,1-Dichloropropene	ND		ND		nc	30

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-3DUP	I257639.D	1	05/02/24	PS	n/a	n/a	VI10417
JD87492-3	I257630.D	1	05/02/24	PS	n/a	n/a	VI10417

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-1, JD87492-2, JD87492-3, JD87492-4, JD87492-5, JD87492-6, JD87492-7, JD87492-8, JD87492-9, JD87492-10

CAS No.	Compound	JD87492-3 ug/kg	Q	DUP ug/kg	Q	RPD	Limits
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	30
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	30
100-41-4	Ethylbenzene	ND		ND		nc	35
76-13-1	Freon 113	ND		ND		nc	10
87-68-3	Hexachlorobutadiene	ND		ND		nc	10
591-78-6	2-Hexanone	ND		ND		nc	10
98-82-8	Isopropylbenzene	ND		ND		nc	28
99-87-6	p-Isopropyltoluene	ND		ND		nc	20
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	21
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		ND		nc	10
74-95-3	Methylene bromide	ND		ND		nc	30
75-09-2	Methylene chloride	ND		ND		nc	10
91-20-3	Naphthalene	ND		ND		nc	20
103-65-1	n-Propylbenzene	ND		ND		nc	43
100-42-5	Styrene	ND		ND		nc	10
630-20-6	1,1,1,2-Tetrachloroethane	ND		ND		nc	30
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
127-18-4	Tetrachloroethene	ND		ND		nc	43
109-99-9	Tetrahydrofuran	ND		ND		nc	13
108-88-3	Toluene	ND		ND		nc	37
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	30
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	21
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
79-01-6	Trichloroethene	ND		ND		nc	44
75-69-4	Trichlorofluoromethane	ND		ND		nc	30
96-18-4	1,2,3-Trichloropropane	ND		ND		nc	30
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	32
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	33
75-01-4	Vinyl chloride	ND		ND		nc	22
	m,p-Xylene	ND		ND		nc	44
95-47-6	o-Xylene	ND		ND		nc	45

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-3DUP	I257639.D	1	05/02/24	PS	n/a	n/a	VI10417
JD87492-3	I257630.D	1	05/02/24	PS	n/a	n/a	VI10417

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-1, JD87492-2, JD87492-3, JD87492-4, JD87492-5, JD87492-6, JD87492-7, JD87492-8, JD87492-9, JD87492-10

CAS No.	Surrogate Recoveries	DUP	JD87492-3	Limits
1868-53-7	Dibromofluoromethane	110%	84%	80-124%
17060-07-0	1,2-Dichloroethane-D4	118%	116%	75-133%
2037-26-5	Toluene-D8	99%	89%	79-125%
460-00-4	4-Bromofluorobenzene	98%	80%	58-148%

(a) RPD acceptable due to low DUP and sample concentrations.

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-13DUP	1C201116.D	1	05/07/24	PS	n/a	n/a	V1C8692
JD87492-13	1C201121.D	1	05/07/24	PS	n/a	n/a	V1C8692

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-11, JD87492-12, JD87492-13, JD87492-14, JD87492-17, JD87492-18, JD87492-19, JD87492-20, JD87492-21, JD87492-25, JD87492-26, JD87492-27

CAS No.	Compound	JD87492-13 ug/kg	Q	DUP ug/kg	Q	RPD	Limits
67-64-1	Acetone	9.1		14.1		43	50
107-13-1	Acrylonitrile	ND		ND		nc	30
71-43-2	Benzene	0.40		ND		200* [a]	44
108-86-1	Bromobenzene	ND		ND		nc	30
75-27-4	Bromodichloromethane	ND		ND		nc	22
75-25-2	Bromoform	ND		ND		nc	30
74-83-9	Bromomethane	ND		ND		nc	10
78-93-3	2-Butanone (MEK)	2.8		ND		200* [a]	15
104-51-8	n-Butylbenzene	ND		ND		nc	31
135-98-8	sec-Butylbenzene	ND		ND		nc	28
98-06-6	tert-Butylbenzene	ND		ND		nc	16
75-15-0	Carbon disulfide	ND		ND		nc	43
56-23-5	Carbon tetrachloride	ND		ND		nc	38
108-90-7	Chlorobenzene	ND		ND		nc	11
75-00-3	Chloroethane	ND		ND		nc	10
67-66-3	Chloroform	ND		ND		nc	14
74-87-3	Chloromethane	ND		ND		nc	30
95-49-8	o-Chlorotoluene	ND		ND		nc	10
106-43-4	p-Chlorotoluene	ND		ND		nc	10
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	30
124-48-1	Dibromochloromethane	ND		ND		nc	10
106-93-4	1,2-Dibromoethane	ND		ND		nc	30
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	10
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	30
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	10
110-57-6	Trans-1,4-Dichloro-2-Butene	ND		ND		nc	30
75-71-8	Dichlorodifluoromethane	ND		ND		nc	30
75-34-3	1,1-Dichloroethane	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	10
75-35-4	1,1-Dichloroethene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	36
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	14
78-87-5	1,2-Dichloropropane	ND		ND		nc	30
142-28-9	1,3-Dichloropropane	ND		ND		nc	30
594-20-7	2,2-Dichloropropane	ND		ND		nc	30
563-58-6	1,1-Dichloropropene	ND		ND		nc	30

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-13DUP	1C201116.D	1	05/07/24	PS	n/a	n/a	V1C8692
JD87492-13	1C201121.D	1	05/07/24	PS	n/a	n/a	V1C8692

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-11, JD87492-12, JD87492-13, JD87492-14, JD87492-17, JD87492-18, JD87492-19, JD87492-20, JD87492-21, JD87492-25, JD87492-26, JD87492-27

CAS No.	Compound	JD87492-13 ug/kg	Q	DUP ug/kg	Q	RPD	Limits
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	30
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	30
100-41-4	Ethylbenzene	2.5		0.71	J	112* [a]	35
76-13-1	Freon 113	ND		ND		nc	10
87-68-3	Hexachlorobutadiene	ND		ND		nc	10
591-78-6	2-Hexanone	ND		ND		nc	10
98-82-8	Isopropylbenzene	ND		ND		nc	28
99-87-6	p-Isopropyltoluene	ND		ND		nc	20
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	21
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		ND		nc	10
74-95-3	Methylene bromide	ND		ND		nc	30
75-09-2	Methylene chloride	2.1		ND		200* [a]	10
91-20-3	Naphthalene	ND		ND		nc	20
103-65-1	n-Propylbenzene	0.92		ND		200* [a]	43
100-42-5	Styrene	ND		ND		nc	10
630-20-6	1,1,1,2-Tetrachloroethane	ND		ND		nc	30
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	10
127-18-4	Tetrachloroethene	ND		ND		nc	43
109-99-9	Tetrahydrofuran	ND		ND		nc	13
108-88-3	Toluene	ND		ND		nc	37
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	30
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	21
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	10
79-01-6	Trichloroethene	ND		ND		nc	44
75-69-4	Trichlorofluoromethane	ND		ND		nc	30
96-18-4	1,2,3-Trichloropropane	ND		ND		nc	30
95-63-6	1,2,4-Trimethylbenzene	0.55		ND		200* [a]	32
108-67-8	1,3,5-Trimethylbenzene	0.85		0.37	J	79* [a]	33
75-01-4	Vinyl chloride	ND		ND		nc	22
	m,p-Xylene	ND		ND		nc	44
95-47-6	o-Xylene	0.42		ND		200* [a]	45

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD87492-13DUP	1C201116.D	1	05/07/24	PS	n/a	n/a	V1C8692
JD87492-13	1C201121.D	1	05/07/24	PS	n/a	n/a	V1C8692

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD87492-11, JD87492-12, JD87492-13, JD87492-14, JD87492-17, JD87492-18, JD87492-19, JD87492-20, JD87492-21, JD87492-25, JD87492-26, JD87492-27

CAS No.	Surrogate Recoveries	DUP	JD87492-13	Limits
1868-53-7	Dibromofluoromethane	106%	105%	80-124%
17060-07-0	1,2-Dichloroethane-D4	100%	101%	75-133%
2037-26-5	Toluene-D8	99%	96%	79-125%
460-00-4	4-Bromofluorobenzene	93%	96%	58-148%

(a) High RPD due to low concentration of hit.

* = Outside of Control Limits.

Internal Standard Area Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V1C8692-CC8625	**Injection Date:**	05/07/24
Lab File ID:	1C201109.D	**Injection Time:**	11:17
Instrument ID:	GCMS1C	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	83345	7.03	266081	9.29	394802	10.20	312568	13.37	155009	15.70
Upper Limit [a]	166690	7.53	532162	9.79	789604	10.70	625136	13.87	310018	16.20
Lower Limit [b]	41673	6.53	133041	8.79	197401	9.70	156284	12.87	77505	15.20
Lab Sample ID	**IS 1 AREA**	**RT**	**IS 2 AREA**	**RT**	**IS 3 AREA**	**RT**	**IS 4 AREA**	**RT**	**IS 5 AREA**	**RT**
V1C8692-BS	81921	7.03	281326	9.29	408236	10.20	313814	13.38	162668	15.70
V1C8692-MB	75845	7.03	287157	9.29	440298	10.20	332239	13.38	165626	15.70
ZZZZZZ	75845	7.03	287157	9.29	440298	10.20	332239	13.38	165626	15.70
JD87492-11	84043	7.04	279758	9.29	417534	10.20	317545	13.38	166233	15.70
JD87492-18	83722	7.03	262885	9.29	396907	10.21	303078	13.38	161389	15.70
JD87492-12	77851	7.03	264955	9.29	400786	10.21	297460	13.38	153086	15.70
JD87492-13DUP	62780	7.03	267911	9.29	406235	10.20	311141	13.38	166866	15.70
JD87492-14	77785	7.04	267380	9.29	401332	10.21	317292	13.38	161933	15.70
JD87492-17	76420	7.04	266194	9.29	408716	10.20	313528	13.38	160254	15.70
JD87492-19	88835	7.03	276183	9.29	415899	10.20	325862	13.38	165981	15.70
JD87492-12MS	68994	7.04	266120	9.29	418353	10.20	307733	13.38	164053	15.70
JD87492-13	78796	7.03	284852	9.29	425758	10.20	339251	13.38	176266	15.70
ZZZZZZ	82429	7.03	276632	9.29	423807	10.21	322501	13.38	167720	15.70
JD87492-20	85363	7.03	284677	9.29	424454	10.21	334274	13.38	162732	15.70
JD87492-21	84481	7.03	281365	9.29	427410	10.21	330291	13.38	169155	15.70
JD87492-25	84744	7.04	276302	9.29	433936	10.21	316030	13.38	170970	15.70
JD87492-26	84667	7.03	274043	9.29	411773	10.20	324752	13.38	164859	15.70
JD87492-27	89669	7.03	274180	9.29	415808	10.20	333070	13.38	170848	15.70
ZZZZZZ	95964	7.03	274394	9.29	424275	10.20	329009	13.38	164310	15.70
ZZZZZZ	85209	7.04	280560	9.29	424964	10.20	314765	13.38	164939	15.70
ZZZZZZ	82672	7.04	271806	9.29	413748	10.20	324356	13.38	165554	15.70
ZZZZZZ	83430	7.03	267741	9.29	423999	10.20	319564	13.38	157927	15.70
ZZZZZZ	92516	7.03	255708	9.29	410017	10.21	309092	13.38	157542	15.70
ZZZZZZ	70656	7.03	253263	9.29	405686	10.21	307363	13.38	163865	15.70
ZZZZZZ	72370	7.03	239082	9.29	368918	10.21	286038	13.38	148489	15.70

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Internal Standard Area Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V1E8829-CC8806	**Injection Date:**	05/07/24
Lab File ID:	1E181387.D	**Injection Time:**	12:11
Instrument ID:	GCMS1E	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	211328	2.01	131155	3.00	267400	3.33	240433	5.42	122966	6.96
Upper Limit [a]	422656	2.51	262310	3.50	534800	3.83	480866	5.92	245932	7.46
Lower Limit [b]	105664	1.51	65578	2.50	133700	2.83	120217	4.92	61483	6.46

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V1E8829-BS	231414	2.01	151482	3.00	303865	3.33	278804	5.42	145345	6.96
V1E8829-MB	217550	2.01	131315	3.00	277393	3.33	243103	5.42	120963	6.96
ZZZZZZ	180661	2.03	142319	2.99	296942	3.32	262994	5.42	128044	6.96
ZZZZZZ	209150	2.01	124955	3.00	273573	3.33	239052	5.42	118342	6.96
ZZZZZZ	195821	2.04	151138	2.99	314949	3.32	276360	5.42	137514	6.96
JD87481-20	195535	2.04	154915	2.99	324801	3.32	281542	5.42	140734	6.96
ZZZZZZ	283935	2.04	147745	2.99	310518	3.32	270141	5.42	129260	6.96
JD87492-15 [c]	201824	2.04	164187	2.99	344188	3.32	308870	5.42	158508	6.96
JD87492-16 [c]	230928	2.04	180629	2.99	383506	3.32	340926	5.42	178093	6.96
JD87481-20MS	269698	2.04	188569	2.99	376058	3.32	340907	5.42	175863	6.96
JD87481-20MSD	247883	2.04	192228	2.99	386267	3.32	351697	5.42	182518	6.96

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Dilution required due to high concentration of target compound.

Internal Standard Area Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V1K453-CC441	**Injection Date:**	05/11/24
Lab File ID:	1K16660.D	**Injection Time:**	12:46
Instrument ID:	GCMS1K	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	313940	1.92	332061	2.83	641215	3.12	529463	4.88	249282	6.60
Upper Limit [a]	627880	2.42	664122	3.33	1282430	3.62	1058926	5.38	498564	7.10
Lower Limit [b]	156970	1.42	166031	2.33	320608	2.62	264732	4.38	124641	6.10

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V1K453-BS	340065	1.92	320752	2.83	650142	3.11	539169	4.88	259080	6.60
ZZZZZZ	327754	1.94	326629	2.82	643438	3.11	514201	4.88	238294	6.60
V1K453-MB	327754	1.94	326629	2.82	643438	3.11	514201	4.88	238294	6.60
JD87492-34 [c]	317155	1.94	320039	2.82	629738	3.11	503302	4.88	228932	6.60
JD87492-37 [c]	323203	1.94	328026	2.82	659773	3.11	523187	4.88	257365	6.60
JD87492-38 [c]	364979	1.94	337497	2.82	672958	3.11	537627	4.88	265337	6.60
JD87492-39 [c]	367611	1.94	342051	2.82	680239	3.11	548250	4.88	260646	6.60
JD87492-34MS	250596	1.94	349421	2.82	662834	3.11	535379	4.88	258760	6.60
JD87492-34MSD	262887	1.94	337205	2.82	675235	3.11	551436	4.88	266769	6.60
ZZZZZZ	342695	1.94	313682	2.82	634196	3.11	513888	4.88	234722	6.63
ZZZZZZ	298334	1.92	320362	2.82	653589	3.11	528383	4.89	272654	6.60
ZZZZZZ	300725	1.92	324958	2.83	642936	3.11	515907	4.88	249286	6.60
ZZZZZZ	309582	1.92	327043	2.83	643352	3.11	520891	4.88	246054	6.60

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Dilution required due to high concentration of target compound.

Internal Standard Area Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V1K454-CC441	**Injection Date:**	05/13/24
Lab File ID:	1K16701.D	**Injection Time:**	10:36
Instrument ID:	GCMS1K	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	309129	1.92	334173	2.83	664592	3.11	540390	4.88	247293	6.60
Upper Limit [a]	618258	2.42	668346	3.33	1329184	3.61	1080780	5.38	494586	7.10
Lower Limit [b]	154565	1.42	167087	2.33	332296	2.61	270195	4.38	123647	6.10

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V1K454-BS	286945	1.92	335946	2.83	646394	3.12	542055	4.88	262752	6.60
V1K454-MB	327679	1.94	346376	2.82	657489	3.11	532433	4.88	241701	6.60
ZZZZZZ	327679	1.94	346376	2.82	657489	3.11	532433	4.88	241701	6.60
JD87492-38	325523	1.92	347825	2.83	665862	3.11	543466	4.88	248602	6.60
ZZZZZZ	337587	1.94	323040	2.82	656028	3.11	528763	4.88	251206	6.60
ZZZZZZ	344486	1.94	320932	2.82	649323	3.11	523002	4.88	250343	6.60
JD87898-4	364960	1.94	347033	2.82	667871	3.11	542811	4.88	249912	6.60
ZZZZZZ	351052	1.94	346074	2.82	656866	3.11	535388	4.88	283305	6.61
JD87898-4MS	283328	1.94	338188	2.82	677250	3.11	559800	4.88	269405	6.60
JD87898-4MSD	306665	1.94	347090	2.82	673672	3.11	561492	4.88	266286	6.60
ZZZZZZ	313539	1.94	327961	2.82	657492	3.11	532550	4.88	243739	6.60
ZZZZZZ	328521	1.94	343547	2.82	730522	3.11	557414	4.88	295946	6.60
ZZZZZZ	345323	1.94	343115	2.82	685120	3.11	565795	4.88	275616	6.60
ZZZZZZ	338712	1.94	334430	2.82	692175	3.11	560328	4.88	266447	6.60
ZZZZZZ	364780	1.95	332049	2.82	667698	3.11	540613	4.88	251577	6.60
ZZZZZZ	357436	1.94	342586	2.82	652970	3.11	536812	4.88	246150	6.60
ZZZZZZ	334690	1.94	340858	2.82	645773	3.11	519181	4.88	262768	6.61

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Internal Standard Area Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V1K457-CC441	**Injection Date:**	05/15/24
Lab File ID:	1K16799.D	**Injection Time:**	11:14
Instrument ID:	GCMS1K	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	285004	1.92	316888	2.83	600155	3.12	493730	4.88	228670	6.60
Upper Limit [a]	570008	2.42	633776	3.33	1200310	3.62	987460	5.38	457340	7.10
Lower Limit [b]	142502	1.42	158444	2.33	300078	2.62	246865	4.38	114335	6.10
Lab Sample ID	**IS 1 AREA**	**RT**	**IS 2 AREA**	**RT**	**IS 3 AREA**	**RT**	**IS 4 AREA**	**RT**	**IS 5 AREA**	**RT**
V1K457-BS	302530	1.92	324202	2.82	612928	3.11	515389	4.88	245162	6.60
V1K457-MB	316872	1.94	319213	2.82	627072	3.11	510713	4.88	229874	6.60
ZZZZZZ	316872	1.94	319213	2.82	627072	3.11	510713	4.88	229874	6.60
ZZZZZZ	318069	1.92	322940	2.82	604743	3.11	500328	4.88	231889	6.60
ZZZZZZ	307641	1.92	318742	2.82	597799	3.11	495016	4.88	227905	6.60
ZZZZZZ	306617	1.92	309912	2.83	607210	3.12	501711	4.88	230231	6.60
JD87492-22 [c]	321816	1.94	325999	2.82	620226	3.11	498859	4.88	227351	6.60
JD87492-23 [c]	309593	1.94	313979	2.82	619391	3.11	498070	4.88	228274	6.60
JD87492-24 [c]	280152	1.94	341180	2.82	646043	3.11	520502	4.88	251451	6.60
JD87492-22MS	251392	1.94	338741	2.82	641336	3.11	532288	4.88	253883	6.60
JD87492-22MSD	270831	1.94	325696	2.82	646551	3.11	531255	4.88	249504	6.60
ZZZZZZ	330630	1.93	331989	2.82	620410	3.11	508251	4.88	234544	6.60
ZZZZZZ	335937	1.94	334232	2.82	626310	3.11	509123	4.88	233845	6.60
ZZZZZZ	366963	1.94	338859	2.82	639102	3.11	528871	4.88	244953	6.60
JD87492-24	311805	1.92	321371	2.82	631376	3.11	519587	4.88	236379	6.60
ZZZZZZ	300638	1.92	324815	2.82	610588	3.11	491494	4.88	232388	6.60
ZZZZZZ	300820	1.92	320022	2.83	601422	3.11	487148	4.88	225619	6.60
ZZZZZZ	313982	1.92	312374	2.83	609722	3.11	504797	4.88	230982	6.60
ZZZZZZ	321992	1.93	313908	2.82	621570	3.11	509201	4.88	233423	6.60
ZZZZZZ	334296	1.94	331886	2.82	627126	3.11	513754	4.88	237049	6.60
ZZZZZZ	342057	1.94	344919	2.82	679513	3.11	538235	4.88	250598	6.60

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Dilution required due to high concentration of target compound.

Internal Standard Area Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V1K457-CC441	**Injection Date:**	05/15/24
Lab File ID:	1K16800.D	**Injection Time:**	11:48
Instrument ID:	GCMS1K	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	313251	1.92	318515	2.82	602507	3.11	490599	4.88	226027	6.60
Upper Limit [a]	626502	2.42	637030	3.32	1205014	3.61	981198	5.38	452054	7.10
Lower Limit [b]	156626	1.42	159258	2.32	301254	2.61	245300	4.38	113014	6.10
Lab Sample ID	**IS 1 AREA**	**RT**	**IS 2 AREA**	**RT**	**IS 3 AREA**	**RT**	**IS 4 AREA**	**RT**	**IS 5 AREA**	**RT**
V1K457-BS	302530	1.92	324202	2.82	612928	3.11	515389	4.88	245162	6.60
V1K457-MB	316872	1.94	319213	2.82	627072	3.11	510713	4.88	229874	6.60
ZZZZZZ	316872	1.94	319213	2.82	627072	3.11	510713	4.88	229874	6.60
ZZZZZZ	318069	1.92	322940	2.82	604743	3.11	500328	4.88	231889	6.60
ZZZZZZ	307641	1.92	318742	2.82	597799	3.11	495016	4.88	227905	6.60
ZZZZZZ	306617	1.92	309912	2.83	607210	3.12	501711	4.88	230231	6.60
JD87492-22 [c]	321816	1.94	325999	2.82	620226	3.11	498859	4.88	227351	6.60
JD87492-23 [c]	309593	1.94	313979	2.82	619391	3.11	498070	4.88	228274	6.60
JD87492-24 [c]	280152	1.94	341180	2.82	646043	3.11	520502	4.88	251451	6.60
JD87492-22MS	251392	1.94	338741	2.82	641336	3.11	532288	4.88	253883	6.60
JD87492-22MSD	270831	1.94	325696	2.82	646551	3.11	531255	4.88	249504	6.60
ZZZZZZ	330630	1.93	331989	2.82	620410	3.11	508251	4.88	234544	6.60
ZZZZZZ	335937	1.94	334232	2.82	626310	3.11	509123	4.88	233845	6.60
ZZZZZZ	366963	1.94	338859	2.82	639102	3.11	528871	4.88	244953	6.60
JD87492-24	311805	1.92	321371	2.82	631376	3.11	519587	4.88	236379	6.60
ZZZZZZ	300638	1.92	324815	2.82	610588	3.11	491494	4.88	232388	6.60
ZZZZZZ	300820	1.92	320022	2.83	601422	3.11	487148	4.88	225619	6.60
ZZZZZZ	313982	1.92	312374	2.83	609722	3.11	504797	4.88	230982	6.60
ZZZZZZ	321992	1.93	313908	2.82	621570	3.11	509201	4.88	233423	6.60
ZZZZZZ	334296	1.94	331886	2.82	627126	3.11	513754	4.88	237049	6.60
ZZZZZZ	342057	1.94	344919	2.82	679513	3.11	538235	4.88	250598	6.60

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Dilution required due to high concentration of target compound.

Internal Standard Area Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	VI10417-CC10381	**Injection Date:**	05/02/24
Lab File ID:	I257622.D	**Injection Time:**	13:57
Instrument ID:	GCMSI	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	146564	4.45	501940	5.55	923051	6.08	739497	8.00	341157	9.53
Upper Limit [a]	293128	4.95	1003880	6.05	1846102	6.58	1478994	8.50	682314	10.03
Lower Limit [b]	73282	3.95	250970	5.05	461526	5.58	369749	7.50	170579	9.03

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
VI10417-BS	161255	4.45	547418	5.55	875096	6.08	709599	8.00	352830	9.53
VI10417-MB	138454	4.46	497954	5.55	815473	6.08	608959	8.00	308911	9.53
JD87492-2	145206	4.45	498342	5.55	816116	6.08	728382	8.00	321549	9.53
JD87492-10	144223	4.46	493678	5.55	816619	6.08	601930	8.00	306644	9.54
JD87492-1	143566	4.46	486512	5.55	818165	6.08	615028	8.00	320162	9.53
JD87492-3	99937	4.46	534457	5.55	677673	6.08	553614	8.00	291593	9.53
JD87492-4	108876	4.46	522264	5.55	670250	6.08	546053	8.00	286589	9.53
JD87492-5	104314	4.45	525389	5.55	670561	6.08	547201	8.00	287465	9.53
JD87492-6	95942	4.45	528974	5.55	674838	6.08	546360	8.00	290672	9.53
JD87492-7	105111	4.45	555978	5.55	721081	6.08	590400	8.00	305324	9.53
JD87492-8	113113	4.45	565082	5.55	744306	6.08	624223	8.00	338854	9.53
JD87492-9	149933	4.45	570874	5.55	938446	6.08	704388	8.00	325081	9.53
JD87492-1MS	117919	4.45	604385	5.55	960799	6.08	754038	8.00	355912	9.53
JD87492-3DUP	142188	4.45	495712	5.55	822743	6.08	749070	8.00	324733	9.53
ZZZZZZ	136129	4.45	453261	5.55	763836	6.08	682230	8.00	315831	9.52
ZZZZZZ	159611	4.45	544957	5.55	881860	6.08	656336	8.00	361643	9.52
ZZZZZZ	175732	4.45	644644	5.55	999893	6.08	763611	8.00	330108	9.52
ZZZZZZ	174577	4.45	652716	5.55	1019352	6.08	768262	8.00	428527	9.52
ZZZZZZ	173885	4.45	635303	5.55	987095	6.08	742254	8.00	410675	9.52
ZZZZZZ	183118	4.45	800654	5.55	1148787	6.08	974824	8.00	452703	9.52
ZZZZZZ	134034	4.45	680871	5.55	893839	6.08	711006	8.00	362064	9.52
ZZZZZZ	123516	4.45	649035	5.55	839238	6.08	669718	8.00	344530	9.52
ZZZZZZ	119167	4.45	616981	5.55	793098	6.08	638773	8.00	326857	9.52

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Internal Standard Area Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	VI10430-CC10381	**Injection Date:**	05/13/24
Lab File ID:	I257997.D	**Injection Time:**	10:27
Instrument ID:	GCMSI	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	131602	4.45	527748	5.55	829561	6.08	606665	8.00	286393	9.52
Upper Limit [a]	263204	4.95	1055496	6.05	1659122	6.58	1213330	8.50	572786	10.02
Lower Limit [b]	65801	3.95	263874	5.05	414781	5.58	303333	7.50	143197	9.02
Lab Sample ID	**IS 1 AREA**	**RT**	**IS 2 AREA**	**RT**	**IS 3 AREA**	**RT**	**IS 4 AREA**	**RT**	**IS 5 AREA**	**RT**
VI10430-BS	138425	4.45	536079	5.55	852461	6.07	612378	7.99	288356	9.52
VI10430-BSD	148246	4.45	546874	5.55	859002	6.07	629910	7.99	297790	9.52
VI10430-MB	111553	4.45	505573	5.55	800592	6.08	581982	7.99	266564	9.52
ZZZZZZ	125625	4.45	473627	5.55	739780	6.08	481020	8.00	145810	9.52
JD88078-2	121629	4.45	472250	5.55	769442	6.08	573681	8.00	267775	9.52
JD88078-4	110796	4.45	487703	5.55	786927	6.08	593441	7.99	274726	9.52
ZZZZZZ	125263	4.45	469209	5.55	769215	6.08	574303	8.00	267409	9.52
ZZZZZZ	101865	4.45	466543	5.55	750026	6.08	560885	8.00	252487	9.52
ZZZZZZ	118905	4.45	473772	5.55	759939	6.08	574138	8.00	267511	9.52
ZZZZZZ	116766	4.45	468229	5.55	758751	6.08	564050	8.00	256706	9.52
ZZZZZZ	128374	4.45	459240	5.55	751806	6.08	557179	8.00	250933	9.52
ZZZZZZ	125600	4.45	449093	5.55	742093	6.08	560069	8.00	251487	9.52
ZZZZZZ	115322	4.45	452459	5.55	748332	6.08	558351	8.00	259998	9.52
JD88078-2MS	142958	4.45	628538	5.55	1009013	6.08	755526	8.00	347757	9.52
JD88078-4DUP	193740	4.46	665159	5.55	1045526	6.08	772476	8.00	364318	9.52
ZZZZZZ	155952	4.45	599720	5.55	958554	6.08	696986	8.00	294273	9.52
ZZZZZZ	136467	4.45	547491	5.55	884050	6.08	621792	8.00	246332	9.52
ZZZZZZ	138829	4.45	512600	5.55	822749	6.08	545122	8.00	186147	9.52
ZZZZZZ	141038	4.45	509094	5.55	807038	6.08	546982	8.00	215674	9.52
JD87492-35	159179	4.45	545024	5.55	870209	6.08	652627	8.00	312774	9.52
ZZZZZZ	139894	4.45	505970	5.55	805331	6.08	587701	8.00	267100	9.52
ZZZZZZ	124574	4.45	510398	5.55	810965	6.08	584068	8.00	255268	9.52
ZZZZZZ	140273	4.45	518992	5.55	811496	6.08	595478	8.00	267173	9.52
ZZZZZZ	138003	4.45	517520	5.55	816215	6.08	596724	8.00	261611	9.52

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Internal Standard Area Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	VY9001-CC8996	**Injection Date:**	05/10/24
Lab File ID:	Y207524.D	**Injection Time:**	09:58
Instrument ID:	GCMSY	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	138789	1.83	321613	2.93	586638	3.48	517078	5.94	305005	7.82
Upper Limit [a]	277578	2.33	643226	3.43	1173276	3.98	1034156	6.44	610010	8.32
Lower Limit [b]	69395	1.33	160807	2.43	293319	2.98	258539	5.44	152503	7.32
Lab Sample ID	**IS 1 AREA**	**RT**	**IS 2 AREA**	**RT**	**IS 3 AREA**	**RT**	**IS 4 AREA**	**RT**	**IS 5 AREA**	**RT**
VY9001-BS	134852	1.82	314413	2.93	565736	3.48	501893	5.94	300861	7.82
VY9001-MB	95525	1.82	303464	2.93	498790	3.48	447860	5.94	278474	7.82
JD87680-1	108599	1.82	303177	2.93	498014	3.48	447030	5.94	273416	7.82
ZZZZZZ	107277	1.82	296823	2.93	499099	3.48	444409	5.94	269428	7.82
JD87762-5	104434	1.82	292097	2.93	486796	3.48	433432	5.94	266060	7.82
ZZZZZZ	106787	1.82	305670	2.93	498659	3.48	454646	5.94	275242	7.82
JD87762-5MS	94245	1.83	289300	2.93	517822	3.48	441153	5.94	233184	7.82
JD87680-1DUP	132593	1.82	317734	2.93	516145	3.48	463362	5.94	281208	7.82
ZZZZZZ	109333	1.83	295893	2.93	483786	3.48	440477	5.94	265222	7.82
ZZZZZZ	103728	1.83	288858	2.93	479027	3.48	428880	5.94	258544	7.82
ZZZZZZ	92772	1.82	283460	2.93	466608	3.48	421339	5.94	259202	7.82
ZZZZZZ	153900	1.82	294777	2.93	507022	3.48	451754	5.94	281468	7.82
JD87492-28	147653	1.82	294703	2.93	492732	3.48	442115	5.94	271018	7.82
JD87492-29	136120	1.82	303222	2.93	510923	3.48	459268	5.94	284280	7.82
JD87492-30	105709	1.83	292042	2.93	490721	3.48	445954	5.94	274258	7.82
JD87492-31	120716	1.83	296617	2.93	490949	3.48	450228	5.94	277933	7.82
JD87492-32	109554	1.82	293660	2.93	496314	3.48	450193	5.94	275513	7.82
JD87492-33	111967	1.82	295479	2.93	499084	3.48	452215	5.94	281250	7.82
JD87492-36	98392	1.83	296910	2.93	500308	3.48	451331	5.94	274060	7.82
ZZZZZZ	112693	1.83	300390	2.93	502791	3.48	447552	5.94	282589	7.82
ZZZZZZ	99810	1.83	294345	2.93	494758	3.48	449998	5.94	273960	7.82
ZZZZZZ	110574	1.82	298749	2.93	502344	3.48	448839	5.94	280360	7.82
ZZZZZZ	237283	1.83	536679	2.93	902399	3.48	801553	5.94	490023	7.82
ZZZZZZ	117250	1.83	282484	2.93	472240	3.48	429323	5.94	262058	7.82

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Surrogate Recovery Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Method: SW846 8260D **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JD87492-1	I257629.D	110	117	103	96
JD87492-2	I257627.D	105	114	86	98
JD87492-3	I257630.D	84	116	89	80
JD87492-4	I257631.D	85	116	88	80
JD87492-5	I257632.D	83	114	88	79
JD87492-6	I257633.D	84	114	89	80
JD87492-7	I257634.D	85	114	89	81
JD87492-8	I257635.D	87	112	87	82
JD87492-9	I257636.D	107	114	103	96
JD87492-10	I257628.D	106	112	104	100
JD87492-11	1C201113.D	103	97	99	95
JD87492-12	1C201115.D	105	99	100	94
JD87492-13	1C201121.D	105	101	96	96
JD87492-14	1C201117.D	108	105	95	96
JD87492-15	1E181401.D	103	98	98	92
JD87492-16	1E181402.D	100	95	99	92
JD87492-17	1C201118.D	108	105	98	97
JD87492-18	1C201114.D	105	100	100	97
JD87492-19	1C201119.D	105	104	97	100
JD87492-20	1C201123.D	105	101	94	101
JD87492-21	1C201124.D	107	102	94	96
JD87492-22	1K16807.D	101	100	102	106
JD87492-23	1K16808.D	103	98	103	108
JD87492-24	1K16809.D	94	106	104	108
JD87492-24	1K16817.D	106	100	100	107
JD87492-25	1C201125.D	107	99	104	94
JD87492-26	1C201126.D	106	101	95	98
JD87492-27	1C201127.D	107	100	93	90
JD87492-28	Y207541.D	99	97	100	98
JD87492-29	Y207542.D	99	98	99	99
JD87492-30	Y207543.D	96	99	99	99
JD87492-31	Y207544.D	96	101	99	97
JD87492-32	Y207545.D	99	99	99	100
JD87492-33	Y207546.D	100	99	99	98
JD87492-34	1K16667.D	100	94	102	106
JD87492-35	I258021.D	106	122	103	96
JD87492-36	Y207547.D	94	95	100	99
JD87492-37	1K16669.D	102	93	103	113
JD87492-38	1K16708.D	106	98	101	107
JD87492-38	1K16670.D	104	100	103	108

Surrogate Recovery Summary

Job Number: JD87492
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Method: SW846 8260D **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JD87492-39	1K16671.D	100	99	102	107
JD87492-12MS	1C201120.D	105	92	97	93
JD87492-13DUP	1C201116.D	106	100	99	93
JD87492-1MS	I257637.D	99	106	99	96
JD87492-22MS	1K16810.D	101	101	101	105
JD87492-22MSD	1K16811.D	106	101	101	107
JD87492-34MS	1K16672.D	100	94	103	104
JD87492-34MSD	1K16673.D	107	96	102	103
JD87492-3DUP	I257639.D	110	118	99	98
V1C8692-BS	1C201110.D	101	97	100	97
V1C8692-MB	1C201112.D	100	94	96	98
V1E8829-BS	1E181391.D	104	95	95	90
V1E8829-MB	1E181393.D	117	99	97	95
V1K453-BS	1K16661.D	110	106	100	104
V1K453-MB	1K16663.D	102	96	103	103
V1K454-BS	1K16705.D	107	99	99	102
V1K454-MB	1K16707.D	102	96	102	106
V1K457-BS	1K16801.D	104	101	98	102
V1K457-MB	1K16803.D	103	100	101	105
VI10417-BS	I257624.D	99	108	104	105
VI10417-MB	I257626.D	106	111	103	102
VI10430-BS	I257998.D	104	114	104	100
VI10430-BSD	I257999.D	102	114	104	103
VI10430-MB	I258001.D	106	115	104	97
VY9001-BS	Y207526.D	95	84	97	97
VY9001-MB	Y207528.D	94	95	100	98

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-124%
S2 = 1,2-Dichloroethane-D4	75-133%
S3 = Toluene-D8	79-125%
S4 = 4-Bromofluorobenzene	58-148%

Metals Analysis

QC Data Summaries

7

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46327
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 05/02/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	2.7	8.1		
Antimony	2.0	.22	.41		
Arsenic	2.0	.13	.28		
Barium	20	.1	1.9		
Beryllium	0.20	.02	.08		
Bismuth	2.0	.21	.52		
Boron	10	.1	3.7		
Cadmium	0.50	.02	.07		
Calcium	500	.77	21		
Chromium	1.0	.05	.37		
Cobalt	5.0	.04	.28		
Copper	2.5	.68	.84		
Iron	50	1.5	19		
Lead	2.0	.16	.41	0.030	<2.0
Lithium	5.0	.37	.92		
Magnesium	500	5.4	14		
Manganese	1.5	.01	.41		
Molybdenum	2.0	.05	.32		
Nickel	4.0	.03	.35		
Phosphorus	20	.18	3.3		
Potassium	1000	7.7	32		
Selenium	2.0	.2	.65		
Silicon	20	.13	11		
Silver	0.50	.09	.17		
Sodium	1000	2.3	78		
Strontium	5.0	.04	.18		
Sulfur	10	.41	3.9		
Thallium	1.0	.16	.58		
Tin	20	.09	3.8		
Titanium	1.0	.09	.34		
Tungsten	5.0	.2	1.8		
Vanadium	5.0	.08	.19		
Zinc	5.0	.02	2.3		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46327 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 05/02/24

Metal	RL	IDL	MDL	MB raw	final
Zirconium	2.0	.05	.54		

Associated samples MP46327: JD87492-1, JD87492-3, JD87492-4, JD87492-5, JD87492-6, JD87492-7, JD87492-8, JD87492-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.1.1
7

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46327
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 05/02/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Bismuth				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	182	200	91.0	80-120
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46327
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 05/02/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP46327: JD87492-1, JD87492-3, JD87492-4, JD87492-5, JD87492-6, JD87492-7, JD87492-8, JD87492-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46327
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/02/24

Metal	JD87266-2 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Bismuth				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	32.0	31.4	1.9	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46327
Matrix Type: SOLID
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/02/24

Metal	JD87266-2 Original	SDL 1:5	%DIF	QC Limits
Zirconium				

Associated samples MP46327: JD87492-1, JD87492-3, JD87492-4, JD87492-5, JD87492-6, JD87492-7, JD87492-8, JD87492-9

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.1.3
7

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46389
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 05/06/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	1.7	8.1		
Antimony	2.0	.17	.41		
Arsenic	2.0	.21	.28		
Barium	20	.08	1.9		
Beryllium	0.20	.03	.08		
Bismuth	2.0	.23	.52		
Boron	10	.23	3.7		
Cadmium	0.50	.03	.07		
Calcium	500	.66	21		
Chromium	1.0	.03	.37		
Cobalt	5.0	.04	.28		
Copper	2.5	.08	.84		
Iron	50	.53	19		
Lead	2.0	.11	.41	0.010	<2.0
Lithium	5.0	.48	.92		
Magnesium	500	3.2	14		
Manganese	1.5	.01	.41		
Molybdenum	2.0	.06	.32		
Nickel	4.0	.04	.35		
Phosphorus	20	.12	3.3		
Potassium	1000	7.7	32		
Selenium	2.0	.32	.65		
Silicon	20	.17	11		
Silver	0.50	.1	.17		
Sodium	1000	3.4	78		
Strontium	5.0	.03	.18		
Sulfur	10	.3	3.9		
Thallium	1.0	.18	.58		
Tin	20	.08	3.8		
Titanium	1.0	.05	.34		
Tungsten	5.0	.26	1.8		
Vanadium	5.0	.06	.19		
Zinc	5.0	.01	2.3		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46389
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 05/06/24

Metal	RL	IDL	MDL	MB raw	final
Zirconium	2.0	.03	.54		

Associated samples MP46389: JD87492-12, JD87492-13, JD87492-14, JD87492-15, JD87492-16, JD87492-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46389
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 05/06/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron				
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	185	200	92.5	80-120
Lithium				
Magnesium	anr			
Manganese	anr			
Molybdenum	anr			
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46389
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 05/06/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP46389: JD87492-12, JD87492-13, JD87492-14, JD87492-15, JD87492-16, JD87492-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46389
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	JD87473-2 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron				
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	333	308	6.4	0-10
Lithium				
Magnesium	anr			
Manganese	anr			
Molybdenum	anr			
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46389
Matrix Type: SOLID
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	JD87473-2 Original	SDL 1:5	%DIF	QC Limits
Zirconium				

Associated samples MP46389: JD87492-12, JD87492-13, JD87492-14, JD87492-15, JD87492-16, JD87492-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

POST DIGESTATE SPIKE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46389
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	Sample ml	Final ml	JD87473-2 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Bismuth										
Boron										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead										
Lithium										
Magnesium										
Manganese										
Molybdenum										
Nickel										
Phosphorus										
Potassium										
Selenium										
Silicon										
Silver										
Sodium										
Strontium										
Sulfur										
Thallium										
Tin										
Titanium										
Tungsten										
Vanadium										
Zinc										

POST DIGESTATE SPIKE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46389
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	Sample ml	Final ml	JD87473-2 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Zirconium										

Associated samples MP46389: JD87492-12, JD87492-13, JD87492-14, JD87492-15, JD87492-16, JD87492-17

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46403
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	17	46		
Antimony	100	1.7	4.7		
Arsenic	100	2.1	2.8		
Barium	200	.8	13		
Beryllium	2.0	.3	.5		
Bismuth	20	2.3	4		
Boron	100	2.3	63		
Cadmium	4.0	.3	1		
Calcium	5000	6.6	99		
Chromium	10	.3	2		
Cobalt	50	.4	2.6		
Copper	10	.8	5.9		
Iron	100	5.3	32		
Lead	100	1.1	1.8	0.10	<100
Lithium	50	4.8	7.3		
Magnesium	5000	32	140		
Manganese	15	.1	1.4		
Molybdenum	20	.6	3.6		
Nickel	10	.4	1.7		
Phosphorus	50	1.2	18		
Potassium	10000	77	200		
Selenium	100	3.2	4.9		
Silicon	200	1.7	100		
Silver	10	1	1.9		
Sodium	10000	34	570		
Strontium	10	.3	1		
Sulfur	50	3	45		
Thallium	100	1.8	1.8		
Tin	10	.8	3.7		
Titanium	10	.5	2.5		
Tungsten	50	2.6	40		
Vanadium	50	.6	1.8		
Zinc	20	.1	6.9		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46403
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	RL	IDL	MDL	MB raw	final
Zirconium	10	.3	4.1		

Associated samples MP46403: JD87492-1A, JD87492-3A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46403
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	JD87492-1A Original MS		Spikelot MPSPK2	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Bismuth					
Boron					
Cadmium					
Calcium					
Chromium					
Cobalt					
Copper					
Iron					
Lead	0.0	1840	2000	92.0	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium					
Strontium					
Sulfur					
Thallium					
Tin					
Titanium					
Tungsten					
Vanadium					
Zinc					

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46403
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	JD87492-1A Original MS	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP46403: JD87492-1A, JD87492-3A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46403
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	JD87492-1A Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Bismuth						
Boron						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead	0.0	1810	2000	90.5	1.6	20
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Sulfur						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						
Zinc						

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46403
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	JD87492-1A Original MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Zirconium					

Associated samples MP46403: JD87492-1A, JD87492-3A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46403
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Prep Date:			05/06/24				05/06/24	
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Bismuth								
Boron								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead	1850	2000	92.5	80-120	1760	2000	88.0	80-120
Lithium								
Magnesium								
Manganese								
Molybdenum								
Nickel								
Phosphorus								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Tin								
Titanium								
Tungsten								
Vanadium								
Zinc								

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46403
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date:		05/06/24				05/06/24		
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium								

Associated samples MP46403: JD87492-1A, JD87492-3A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46403
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	JD87492-1A Original	SDL 1:1	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Bismuth				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	0.00	0.00	NC	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46403
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	JD87492-1A Original SDL 1:1	%DIF	QC Limits
Zirconium			

Associated samples MP46403: JD87492-1A, JD87492-3A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46405
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	27	46		
Antimony	100	2.2	4.7		
Arsenic	100	1.3	2.8		
Barium	200	1	13		
Beryllium	2.0	.2	.5		
Bismuth	20	2.1	4		
Boron	100	1	63		
Cadmium	4.0	.2	1		
Calcium	5000	7.7	99		
Chromium	10	.5	2		
Cobalt	50	.4	2.6		
Copper	10	6.8	5.9		
Iron	100	15	32		
Lead	100	1.6	1.8	4.3	<100
Lithium	50	3.7	7.3		
Magnesium	5000	54	140		
Manganese	15	.1	1.4		
Molybdenum	20	.5	3.6		
Nickel	10	.3	1.7		
Phosphorus	50	1.8	18		
Potassium	10000	77	200		
Selenium	100	2	4.9		
Silicon	200	1.3	100		
Silver	10	.9	1.9		
Sodium	10000	23	570		
Strontium	10	.4	1		
Sulfur	50	4.1	45		
Thallium	100	1.6	1.8		
Tin	10	.9	3.7		
Titanium	10	.9	2.5		
Tungsten	50	2	40		
Vanadium	50	.8	1.8		
Zinc	20	.2	6.9		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46405
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	RL	IDL	MDL	MB raw	final
Zirconium	10	.5	4.1		

Associated samples MP46405: JD87492-4A, JD87492-5A, JD87492-6A, JD87492-7A, JD87492-8A, JD87492-9A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46405
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	JD87492-4A Original MS		Spikelot MPSPK2	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Bismuth					
Boron					
Cadmium					
Calcium					
Chromium					
Cobalt					
Copper					
Iron					
Lead	0.0	2000	2000	100.0	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium					
Strontium					
Sulfur					
Thallium					
Tin					
Titanium					
Tungsten					
Vanadium					
Zinc					

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46405
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	JD87492-4A Original MS	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP46405: JD87492-4A, JD87492-5A, JD87492-6A, JD87492-7A, JD87492-8A, JD87492-9A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46405
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	JD87492-4A Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Bismuth						
Boron						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead	0.0	2020	2000	101.0	1.0	20
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Sulfur						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						
Zinc						

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46405
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	JD87492-4A Original MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Zirconium					

Associated samples MP46405: JD87492-4A, JD87492-5A, JD87492-6A, JD87492-7A, JD87492-8A, JD87492-9A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46405
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date:			05/06/24				05/06/24	
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Bismuth								
Boron								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead	1990	2000	99.5	80-120	1980	2000	99.0	80-120
Lithium								
Magnesium								
Manganese								
Molybdenum								
Nickel								
Phosphorus								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Tin								
Titanium								
Tungsten								
Vanadium								
Zinc								

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46405
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24 05/06/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium								

Associated samples MP46405: JD87492-4A, JD87492-5A, JD87492-6A, JD87492-7A, JD87492-8A, JD87492-9A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46405
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	JD87492-4A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Bismuth				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	0.00	0.00	NC	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46405
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/06/24

Metal	JD87492-4A Original SDL 1:5	%DIF	QC Limits
Zirconium			

Associated samples MP46405: JD87492-4A, JD87492-5A, JD87492-6A, JD87492-7A, JD87492-8A, JD87492-9A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46484
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 05/09/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	1.7	8.1		
Antimony	2.0	.17	.41		
Arsenic	2.0	.21	.28		
Barium	20	.08	1.9		
Beryllium	0.20	.03	.08		
Bismuth	2.0	.23	.52		
Boron	10	.23	3.7		
Cadmium	0.50	.03	.07		
Calcium	500	.66	21		
Chromium	1.0	.03	.37		
Cobalt	5.0	.04	.28		
Copper	2.5	.08	.84		
Iron	50	.53	19		
Lead	2.0	.11	.41	0.060	<2.0
Lithium	5.0	.48	.92		
Magnesium	500	3.2	14		
Manganese	1.5	.01	.41		
Molybdenum	2.0	.06	.32		
Nickel	4.0	.04	.35		
Phosphorus	20	.12	3.3		
Potassium	1000	7.7	32		
Selenium	2.0	.32	.65		
Silicon	20	.17	11		
Silver	0.50	.1	.17		
Sodium	1000	3.4	78		
Strontium	5.0	.03	.18		
Sulfur	10	.3	3.9		
Thallium	1.0	.18	.58		
Tin	20	.08	3.8		
Titanium	1.0	.05	.34		
Tungsten	5.0	.26	1.8		
Vanadium	5.0	.06	.19		
Zinc	5.0	.01	2.3		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46484 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 05/09/24

Metal	RL	IDL	MDL	MB raw	final
Zirconium	2.0	.03	.54		

Associated samples MP46484: JD87492-19, JD87492-20, JD87492-21, JD87492-22, JD87492-23, JD87492-24, JD87492-25, JD87492-26, JD87492-27, JD87492-29, JD87492-30, JD87492-31, JD87492-32, JD87492-33, JD87492-34, JD87492-35, JD87492-36, JD87492-37, JD87492-38, JD87492-39

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46484
Matrix Type: SOLID
Methods: SW846 6010D
Units: mg/kg

Prep Date: 05/09/24

Metal	JD87492-26 Original MS		Spikelot MPSPK2	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Bismuth					
Boron					
Cadmium					
Chromium					
Cobalt					
Copper					
Lead	15.6	192	213	82.9	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium					
Strontium					
Sulfur					
Thallium					
Tin					
Titanium					
Tungsten					
Vanadium					
Zinc					
Zirconium					

Associated samples MP46484: JD87492-19, JD87492-20, JD87492-21, JD87492-22, JD87492-23, JD87492-24, JD87492-25, JD87492-26, JD87492-27, JD87492-29, JD87492-30, JD87492-31, JD87492-32, JD87492-33, JD87492-

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46484
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 05/09/24

Metal	JD87492-26 Original MS	Spikelot MPSPK2	% Rec	QC Limits

34, JD87492-35, JD87492-36, JD87492-37, JD87492-38, JD87492-39

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46484
Matrix Type: SOLID
Methods: SW846 6010D
Units: mg/kg

Prep Date: 05/09/24

Metal	JD87492-26 Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Bismuth						
Boron						
Cadmium						
Chromium						
Cobalt						
Copper						
Lead	15.6	199	213	86.2	3.6	20
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Sulfur						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						
Zinc						
Zirconium						

Associated samples MP46484: JD87492-19, JD87492-20, JD87492-21, JD87492-22, JD87492-23, JD87492-24, JD87492-25, JD87492-26, JD87492-27, JD87492-29, JD87492-30, JD87492-31, JD87492-32, JD87492-33, JD87492-

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46484
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 05/09/24

Metal	JD87492-26 Original MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit

34, JD87492-35, JD87492-36, JD87492-37, JD87492-38, JD87492-39

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

7.5.2
7

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46484
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 05/09/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Bismuth				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	187	200	93.5	80-120
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46484
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 05/09/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP46484: JD87492-19, JD87492-20, JD87492-21, JD87492-22, JD87492-23, JD87492-24, JD87492-25, JD87492-26, JD87492-27, JD87492-29, JD87492-30, JD87492-31, JD87492-32, JD87492-33, JD87492-34, JD87492-35, JD87492-36, JD87492-37, JD87492-38, JD87492-39

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46484
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/09/24

Metal	JD87492-26 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Bismuth				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Lead	145	155	7.1	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				
Zirconium				

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46484
Matrix Type: SOLID
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/09/24

Metal	JD87492-26 Original SDL 1:5	%DIF	QC Limits

Associated samples MP46484: JD87492-19, JD87492-20, JD87492-21, JD87492-22, JD87492-23, JD87492-24, JD87492-25, JD87492-26, JD87492-27, JD87492-29, JD87492-30, JD87492-31, JD87492-32, JD87492-33, JD87492-34, JD87492-35, JD87492-36, JD87492-37, JD87492-38, JD87492-39

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46578
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/13/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	27	46		
Antimony	100	2.2	4.7		
Arsenic	100	1.3	2.8		
Barium	200	1	13		
Beryllium	2.0	.2	.5		
Bismuth	20	2.1	4		
Boron	100	1	63		
Cadmium	4.0	.2	1		
Calcium	5000	7.7	99		
Chromium	10	.5	2		
Cobalt	50	.4	2.6		
Copper	10	6.8	5.9		
Iron	100	15	32		
Lead	100	1.6	1.8	-0.10	<100
Lithium	50	3.7	7.3		
Magnesium	5000	54	140		
Manganese	15	.1	1.4		
Molybdenum	20	.5	3.6		
Nickel	10	.3	1.7		
Phosphorus	50	1.8	18		
Potassium	10000	77	200		
Selenium	100	2	4.9		
Silicon	200	1.3	100		
Silver	10	.9	1.9		
Sodium	10000	23	570		
Strontium	10	.4	1		
Sulfur	50	4.1	45		
Thallium	100	1.6	1.8		
Tin	10	.9	3.7		
Titanium	10	.9	2.5		
Tungsten	50	2	40		
Vanadium	50	.8	1.8		
Zinc	20	.2	6.9		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46578
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/13/24

Metal	RL	IDL	MDL	MB raw	final
Zirconium	10	.5	4.1		

Associated samples MP46578: JD87492-12A, JD87492-14A, JD87492-19A, JD87492-21A, JD87492-37A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46578
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date:			05/13/24				05/13/24	
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic	anr							
Barium								
Beryllium								
Bismuth								
Boron								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead	2000	2000	100.0	80-120	2130	2000	106.5	80-120
Lithium								
Magnesium								
Manganese								
Molybdenum								
Nickel								
Phosphorus								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Tin								
Titanium								
Tungsten								
Vanadium								
Zinc								

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46578
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/13/24 05/13/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium								

Associated samples MP46578: JD87492-12A, JD87492-14A, JD87492-19A, JD87492-21A, JD87492-37A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.6.2
7

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46578
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/13/24

Metal	JD87683-4R Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium				
Beryllium				
Bismuth				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	9.20	9.90	7.6	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46578
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/13/24

Metal	JD87683-4R Original	SDL 1:5	%DIF	QC Limits
Zirconium				

Associated samples MP46578: JD87492-12A, JD87492-14A, JD87492-19A, JD87492-21A, JD87492-37A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46665
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date: 05/16/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	0.20	.0092	.046		
Antimony	0.10	.0028	.0047		
Arsenic	0.10	.0026	.0028		
Barium	0.20	.0002	.013		
Beryllium	0.0020	.0002	.0005		
Bismuth	0.020	.0025	.004		
Boron	0.10	.0018	.063		
Cadmium	0.0040	.0004	.001		
Calcium	5.0	.013	.099		
Chromium	0.010	.0007	.002		
Cobalt	0.050	.0006	.0026		
Copper	0.010	.0007	.0059		
Iron	0.10	.0033	.032		
Lead	0.10	.002	.0018	-0.00030	<0.10
Lithium	0.050	.0015	.0073		
Magnesium	5.0	.025	.14		
Manganese	0.015	.0001	.0014		
Molybdenum	0.020	.0006	.0036		
Nickel	0.010	.0008	.0017		
Phosphorus	0.050	.007	.018		
Potassium	10	.035	.2		
Selenium	0.10	.0036	.0049		
Silicon	0.20	.0022	.1		
Silver	0.010	.0006	.0019		
Sodium	10	.014	.57		
Strontium	0.010	.0001	.001		
Sulfur	0.050	.0037	.045		
Thallium	0.10	.0052	.0018		
Tin	0.010	.0014	.0037		
Titanium	0.010	.0008	.0025		
Tungsten	0.050	.0013	.04		
Vanadium	0.050	.0005	.0018		
Zinc	0.020	.0003	.0069		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46665
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: mg/l

Prep Date: 05/16/24

Metal	RL	IDL	MDL	MB raw	final
Zirconium	0.010	.0005	.0041		

Associated samples MP46665: JD87492-23A, JD87492-25A, JD87492-29A, JD87492-30A, JD87492-31A, JD87492-32A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.7.1
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46665
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: mg/l

Prep Date: 05/16/24

Metal	JD87492-23A Original MS		Spikelot MPSPK2	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Bismuth					
Boron					
Cadmium					
Calcium					
Chromium					
Cobalt					
Copper					
Iron					
Lead	0.0036	1.8	2.0	89.8	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium					
Strontium					
Sulfur					
Thallium					
Tin					
Titanium					
Tungsten					
Vanadium					
Zinc					

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46665
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: mg/l

Prep Date: 05/16/24

Metal	JD87492-23A Original MS	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP46665: JD87492-23A, JD87492-25A, JD87492-29A, JD87492-30A, JD87492-31A, JD87492-32A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46665
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: mg/l

Prep Date: 05/16/24

Metal	JD87492-23A Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Bismuth						
Boron						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead	0.0036	1.8	2.0	89.8	0.0	20
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Sulfur						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						
Zinc						

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46665
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: mg/l

Prep Date: 05/16/24

Metal	JD87492-23A Original MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Zirconium					

Associated samples MP46665: JD87492-23A, JD87492-25A, JD87492-29A, JD87492-30A, JD87492-31A, JD87492-32A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46665
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: mg/l

Prep Date:			05/16/24				05/16/24	
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Bismuth								
Boron								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead	2.0	2.0	100.0	80-120	2.0	2.0	100.0	80-120
Lithium								
Magnesium								
Manganese								
Molybdenum								
Nickel								
Phosphorus								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Tin								
Titanium								
Tungsten								
Vanadium								
Zinc								

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46665
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: mg/l

Prep Date:		05/16/24				05/16/24		
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium								

Associated samples MP46665: JD87492-23A, JD87492-25A, JD87492-29A, JD87492-30A, JD87492-31A, JD87492-32A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46665
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/16/24

Metal	JD87492-23A Original	SDL 1:5	%DIF	QC Limits
Antimony				
Arsenic				
Barium				
Beryllium				
Bismuth				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	3.60	0.00	100.0(a)	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				
Zirconium				

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46665
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/16/24

Metal	JD87492-23A Original SDL 1:5	%DIF	QC Limits

Associated samples MP46665: JD87492-23A, JD87492-25A, JD87492-29A, JD87492-30A, JD87492-31A, JD87492-32A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

7.7.4

7

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46768
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date: 05/21/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	27	46		
Antimony	100	2.2	4.7		
Arsenic	100	1.3	2.8		
Barium	200	1	13		
Beryllium	2.0	.2	.5		
Bismuth	20	2.1	4		
Boron	100	1	63		
Cadmium	4.0	.2	1		
Calcium	5000	7.7	99		
Chromium	10	.5	2		
Cobalt	50	.4	2.6		
Copper	10	6.8	5.9		
Iron	100	15	32		
Lead	100	1.6	1.8	0.60	<100
Lithium	50	3.7	7.3		
Magnesium	5000	54	140		
Manganese	15	.1	1.4		
Molybdenum	20	.5	3.6		
Nickel	10	.3	1.7		
Phosphorus	50	1.8	18		
Potassium	10000	77	200		
Selenium	100	2	4.9		
Silicon	200	1.3	100		
Silver	10	.9	1.9		
Sodium	10000	23	570		
Strontium	10	.4	1		
Sulfur	50	4.1	45		
Thallium	100	1.6	1.8		
Tin	10	.9	3.7		
Titanium	10	.9	2.5		
Tungsten	50	2	40		
Vanadium	50	.8	1.8		
Zinc	20	.2	6.9		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46768 Methods: SW846 6010D
Matrix Type: LEACHATE Units: ug/l

Prep Date: 05/21/24

Metal	RL	IDL	MDL	MB raw	final
Zirconium	10	.5	4.1		

Associated samples MP46768: JD87492-33A, JD87492-34A, JD87492-35A, JD87492-36A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46768
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date:			05/21/24				05/21/24	
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	anr							
Antimony	anr							
Arsenic	anr							
Barium	anr							
Beryllium	anr							
Bismuth								
Boron								
Cadmium	anr							
Calcium	anr							
Chromium	anr							
Cobalt	anr							
Copper	anr							
Iron	anr							
Lead	2010	2000	100.5	80-120	2040	2000	102.0	80-120
Lithium								
Magnesium	anr							
Manganese	anr							
Molybdenum								
Nickel	anr							
Phosphorus								
Potassium	anr							
Selenium	anr							
Silicon								
Silver	anr							
Sodium	anr							
Strontium								
Sulfur								
Thallium	anr							
Tin								
Titanium								
Tungsten								
Vanadium	anr							
Zinc	anr							

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46768
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date:		05/21/24				05/21/24		
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium								

Associated samples MP46768: JD87492-33A, JD87492-34A, JD87492-35A, JD87492-36A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46768
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/21/24

Metal	JD86926-6B Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron				
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	0.00	0.00	NC	0-10
Lithium				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD87492
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP46768
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 05/21/24

Metal	JD86926-6B Original SDL 1:5	%DIF	QC Limits
Zirconium			

Associated samples MP46768: JD87492-33A, JD87492-34A, JD87492-35A, JD87492-36A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SGS

Dayton, NJ

09/09/24

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Groundwater & Environmental Services

Eversource, Berlin, CT

1503724-53-878

SGS Job Number: JD95162

Sampling Date: 08/26/24



Report to:

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Total number of pages in report: **61**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

David Chastain
General Manager

Client Service contact: Marie Meidhof 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Sections: 1 2 3 4 5 6 7

Table of Contents

-1-

Section 1: Sample Summary 3
Section 2: Case Narrative/Conformance Summary 4
Section 3: Summary of Hits 6
Section 4: Sample Results 7
4.1: JD95162-1: SB-100 (4-5) 8
4.2: JD95162-1A: SB-100 (4-5) 12
4.3: JD95162-2: MW-13A (0-2) 14
4.4: JD95162-2A: MW-13A (0-2) 18
4.5: JD95162-3: SB-103 (0-2) 20
4.6: JD95162-3A: SB-103 (0-2) 24
4.7: JD95162-4: TRIP BLANK 26
Section 5: Misc. Forms 29
5.1: Chain of Custody 30
5.2: RCP Form 32
5.3: Sample Tracking Chronicle 33
5.4: QC Evaluation: CT RCP Limits 35
Section 6: MS Volatiles - QC Data Summaries 38
6.1: Method Blank Summary 39
6.2: Blank Spike Summary 42
6.3: Internal Standard Area Summaries 45
6.4: Surrogate Recovery Summaries 46
Section 7: Metals Analysis - QC Data Summaries 47
7.1: Prep QC MP48928: Pb 48
7.2: Prep QC MP49013: Pb 56

SGS North America Inc.

Sample Summary

Groundwater & Environmental Services

Job No: JD95162

Eversource, Berlin, CT
Project No: 1503724-53-878

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND	= Not detected above the RL						
JD95162-1	08/26/24	09:50	MJ	08/29/24	SO	Soil	SB-100 (4-5)
JD95162-1A	08/26/24	09:50	MJ	08/29/24	SO	Soil	SB-100 (4-5)
JD95162-2	08/26/24	11:00	MJ	08/29/24	SO	Soil	MW-13A (0-2)
JD95162-2A	08/26/24	11:00	MJ	08/29/24	SO	Soil	MW-13A (0-2)
JD95162-3	08/26/24	13:20	MJ	08/29/24	SO	Soil	SB-103 (0-2)
JD95162-3A	08/26/24	13:20	MJ	08/29/24	SO	Soil	SB-103 (0-2)
JD95162-4	08/26/24	13:20	MJ	08/29/24	SO	Trip Blank Soil	TRIP BLANK

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

2

Client: Groundwater & Environmental Services **Job No:** JD95162

Site: Eversource, Berlin, CT **Report Date** 9/9/2024 12:24:04 PM

On 08/29/2024, 6 sample(s), 1 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 2.7 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JD95162 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: SO **Batch ID:** V1C8781

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- JD95162-4 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high, sample was ND.
- JD95162-4 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD95162-4 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high, sample was ND.
- JD95162-1 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD95162-1 for 2-Butanone (MEK): Associated CCV outside of control limits high, sample was ND. Associated CCV outside of control limits high, sample was ND.
- JD95162-1 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high, sample was ND.
- JD95162-2 for 2-Butanone (MEK): Associated CCV outside of control limits high, sample was ND. Associated CCV outside of control limits high, sample was ND.
- JD95162-2 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high, sample was ND.
- JD95162-3 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD95162-3 for 2-Butanone (MEK): Associated CCV outside of control limits high, sample was ND. Associated CCV outside of control limits high, sample was ND.
- JD95162-3 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high, sample was ND.
- JD95162-2 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- Not all RL meet the requirement.

2

Metals Analysis By Method SW846 6010D

Matrix:	LEACHATE	Batch ID:	MP49013

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD95278-6BSDL were used as the QC samples for the metals analysis.
- Only requested metals are reported.

Matrix:	SO	Batch ID:	MP48928

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD94993-1SDL were used as the QC samples for the metals analysis.
- JD95162-1 for Lead: Elevated detection limit due to dilution required for high interfering element.
- Only requested metals are reported.

General Chemistry By Method SM2540 G 18TH ED MOD

Matrix:	SO	Batch ID:	GN59289

- The data for SM2540 G 18TH ED MOD meets quality control requirements.

General Chemistry By Method SW846 1312

Matrix:	ALL	Batch ID:	GN59331

- The data for SW846 1312 meets quality control requirements.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JD95162
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/26/24

3

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD95162-1	**SB-100 (4-5)**					
Acetone [a]		0.0129	0.0077		mg/kg	SW846 8260D
Lead [b]		14.8	4.7	0.96	mg/kg	SW846 6010D
JD95162-1A	**SB-100 (4-5)**					
pH, SPLP Leachate		4.91			su	SW846 1312
Volume, SPLP Leachate		2.004			l	SW846 1312
Weight, SPLP Leachate		0.1002			kg	SW846 1312
Dry Weight, SPLP Leachate		0.08515			kg	SW846 1312
Lead		1.8 B	15	1.8	ug/l	SW846 6010D
JD95162-2	**MW-13A (0-2)**					
Lead		10.6	2.1	0.43	mg/kg	SW846 6010D
JD95162-2A	**MW-13A (0-2)**					
pH, SPLP Leachate		9.32			su	SW846 1312
Volume, SPLP Leachate		2.001			l	SW846 1312
Weight, SPLP Leachate		0.1000			kg	SW846 1312
Dry Weight, SPLP Leachate		0.09223			kg	SW846 1312
Lead		3.9 B	15	1.8	ug/l	SW846 6010D
JD95162-3	**SB-103 (0-2)**					
Acetone [a]		0.0166	0.0054		mg/kg	SW846 8260D
Lead		7.1	2.1	0.43	mg/kg	SW846 6010D
JD95162-3A	**SB-103 (0-2)**					
pH, SPLP Leachate		9.14			su	SW846 1312
Volume, SPLP Leachate		2.002			l	SW846 1312
Weight, SPLP Leachate		0.1001			kg	SW846 1312
Dry Weight, SPLP Leachate		0.09469			kg	SW846 1312
Lead		3.9 B	15	1.8	ug/l	SW846 6010D
JD95162-4	**TRIP BLANK**					

No hits reported in this sample.

(a) Response factor for this compound is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high, sample was ND.
(b) Elevated detection limit due to dilution required for high interfering element.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-100 (4-5)		
Lab Sample ID:	JD95162-1	**Date Sampled:**	08/26/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	85.0
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C203596.D	1	09/03/24 21:52	PS	n/a	n/a	V1C8781
Run #2							

	Initial Weight
Run #1	7.6 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0129	0.0077	mg/kg	
107-13-1	Acrylonitrile	ND	0.0077	mg/kg	
71-43-2	Benzene	ND	0.00039	mg/kg	
108-86-1	Bromobenzene	ND	0.0039	mg/kg	
74-97-5	Bromochloromethane	ND	0.0039	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0015	mg/kg	
75-25-2	Bromoform	ND	0.0039	mg/kg	
74-83-9	Bromomethane	ND	0.0039	mg/kg	
78-93-3	2-Butanone (MEK) [b]	ND	0.0077	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0015	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0015	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0015	mg/kg	
75-15-0	Carbon disulfide	ND	0.0015	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0015	mg/kg	
108-90-7	Chlorobenzene	ND	0.0015	mg/kg	
75-00-3	Chloroethane	ND	0.0039	mg/kg	
67-66-3	Chloroform	ND	0.0015	mg/kg	
74-87-3	Chloromethane	ND	0.0039	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0015	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0015	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0015	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0015	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00077	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00077	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00077	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00077	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0039	mg/kg	
75-71-8	Dichlorodifluoromethane [c]	ND	0.0039	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00077	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00077	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.00077	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00077	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-100 (4-5)		
Lab Sample ID:	JD95162-1	**Date Sampled:**	08/26/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	85.0
Project:	Eversource, Berlin, CT		

4.1
4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.00077	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0015	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0015	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0015	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0015	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0015	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0015	mg/kg	
123-91-1	1,4-Dioxane	ND	0.097	mg/kg	
60-29-7	Ethyl Ether	ND	0.0015	mg/kg	
100-41-4	Ethylbenzene	ND	0.00077	mg/kg	
76-13-1	Freon 113	ND	0.0039	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0039	mg/kg	
591-78-6	2-Hexanone	ND	0.0039	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0015	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0015	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00077	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0039	mg/kg	
74-95-3	Methylene bromide	ND	0.0039	mg/kg	
75-09-2	Methylene chloride	ND	0.0039	mg/kg	
91-20-3	Naphthalene	ND	0.0039	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0015	mg/kg	
100-42-5	Styrene	ND	0.0015	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.0015	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.0015	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0015	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0015	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0015	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.0077	mg/kg	
108-88-3	Toluene	ND	0.00077	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0039	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0039	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0015	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0015	mg/kg	
79-01-6	Trichloroethene	ND	0.00077	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0039	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0039	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0015	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0015	mg/kg	
75-01-4	Vinyl chloride	ND	0.0015	mg/kg	
	m,p-Xylene	ND	0.00077	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-100 (4-5)		
Lab Sample ID:	JD95162-1	**Date Sampled:**	08/26/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	85.0
Project:	Eversource, Berlin, CT		

4.1
4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	0.00077	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-124%
17060-07-0	1,2-Dichloroethane-D4	96%		75-133%
2037-26-5	Toluene-D8	99%		79-125%
460-00-4	4-Bromofluorobenzene	92%		58-148%

(a) Response factor for this compound is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high, sample was ND. Associated CCV outside of control limits high, sample was ND.
(c) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-100 (4-5)		
Lab Sample ID:	JD95162-1	**Date Sampled:**	08/26/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
		Percent Solids:	85.0
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead [a]	14.8	4.7	0.96	mg/kg	2	09/03/24	09/06/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56830
(2) Prep QC Batch: MP48928

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-100 (4-5)		
Lab Sample ID:	JD95162-1A	**Date Sampled:**	08/26/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
		Percent Solids:	85.0
Project:	Eversource, Berlin, CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	MDL	Units	DF	Prep	Analyzed	By	Method
Lead	1.8 B		15	1.8	ug/l	1	09/05/24	09/05/24	KP	SW846 6010D [1]

(1) Instrument QC Batch: MA56821
(2) Prep QC Batch: MP49013

RL = Reporting Limit MDL = Method Detection Limit U = Indicates a result < MDL
MCL = Maximum Contamination Level (not available) B = Indicates a result > = MDL but < RL

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-100 (4-5)		
Lab Sample ID:	JD95162-1A	**Date Sampled:**	08/26/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
		Percent Solids:	85.0
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	4.91		su	1	09/05/24 07:44	IA	SW846 1312
Volume, SPLP Leachate	2.004		l	1	09/05/24 07:44	IA	SW846 1312
Weight, SPLP Leachate	0.1002		kg	1	09/05/24 07:44	IA	SW846 1312
Dry Weight, SPLP Leachate	0.08515		kg	1	09/05/24 07:44	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A (0-2)		
Lab Sample ID:	JD95162-2	**Date Sampled:**	08/26/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	92.2
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C203597.D	1	09/03/24 22:18	PS	n/a	n/a	V1C8781
Run #2							

	Initial Weight
Run #1	10.2 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	ND	0.0053	mg/kg	
107-13-1	Acrylonitrile	ND	0.0053	mg/kg	
71-43-2	Benzene	ND	0.00027	mg/kg	
108-86-1	Bromobenzene	ND	0.0027	mg/kg	
74-97-5	Bromochloromethane	ND	0.0027	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0011	mg/kg	
75-25-2	Bromoform	ND	0.0027	mg/kg	
74-83-9	Bromomethane	ND	0.0027	mg/kg	
78-93-3	2-Butanone (MEK) [b]	ND	0.0053	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0011	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0011	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0011	mg/kg	
75-15-0	Carbon disulfide	ND	0.0011	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0011	mg/kg	
108-90-7	Chlorobenzene	ND	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0027	mg/kg	
67-66-3	Chloroform	ND	0.0011	mg/kg	
74-87-3	Chloromethane	ND	0.0027	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0011	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0011	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0011	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0011	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00053	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00053	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00053	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00053	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0027	mg/kg	
75-71-8	Dichlorodifluoromethane [c]	ND	0.0027	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00053	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00053	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.00053	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00053	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A (0-2)		
Lab Sample ID:	JD95162-2	**Date Sampled:**	08/26/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	92.2
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.00053	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0011	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0011	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0011	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0011	mg/kg	
123-91-1	1,4-Dioxane	ND	0.066	mg/kg	
60-29-7	Ethyl Ether	ND	0.0011	mg/kg	
100-41-4	Ethylbenzene	ND	0.00053	mg/kg	
76-13-1	Freon 113	ND	0.0027	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0027	mg/kg	
591-78-6	2-Hexanone	ND	0.0027	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0011	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0011	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00053	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0027	mg/kg	
74-95-3	Methylene bromide	ND	0.0027	mg/kg	
75-09-2	Methylene chloride	ND	0.0027	mg/kg	
91-20-3	Naphthalene	ND	0.0027	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0011	mg/kg	
100-42-5	Styrene	ND	0.0011	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.0011	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.0011	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0011	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0011	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0011	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.0053	mg/kg	
108-88-3	Toluene	ND	0.00053	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0027	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0027	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0011	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0011	mg/kg	
79-01-6	Trichloroethene	ND	0.00053	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0027	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0027	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0011	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0011	mg/kg	
75-01-4	Vinyl chloride	ND	0.0011	mg/kg	
	m,p-Xylene	ND	0.00053	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A (0-2)		
Lab Sample ID:	JD95162-2	**Date Sampled:**	08/26/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	92.2
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	0.00053	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	99%		75-133%
2037-26-5	Toluene-D8	99%		79-125%
460-00-4	4-Bromofluorobenzene	94%		58-148%

(a) Response factor for this compound is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high, sample was ND. Associated CCV outside of control limits high, sample was ND.
(c) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID: MW-13A (0-2)
Lab Sample ID: JD95162-2
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 08/26/24
Date Received: 08/29/24
Percent Solids: 92.2

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	10.6	2.1	0.43	mg/kg	1	09/03/24	09/04/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56816
(2) Prep QC Batch: MP48928

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

SGS North America Inc.

Report of Analysis

Client Sample ID: MW-13A (0-2)
Lab Sample ID: JD95162-2A
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 08/26/24
Date Received: 08/29/24
Percent Solids: 92.2

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	MDL	Units	DF	Prep	Analyzed	By	Method
Lead	3.9 B		15	1.8	ug/l	1	09/05/24	09/05/24	KP	SW846 6010D [1]

(1) Instrument QC Batch: MA56821
(2) Prep QC Batch: MP49013

RL = Reporting Limit MDL = Method Detection Limit U = Indicates a result < MDL
MCL = Maximum Contamination Level (not available) B = Indicates a result > = MDL but < RL

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A (0-2)		
Lab Sample ID:	JD95162-2A	**Date Sampled:**	08/26/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
		Percent Solids:	92.2
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	9.32		su	1	09/05/24 07:44	IA	SW846 1312
Volume, SPLP Leachate	2.001		l	1	09/05/24 07:44	IA	SW846 1312
Weight, SPLP Leachate	0.1000		kg	1	09/05/24 07:44	IA	SW846 1312
Dry Weight, SPLP Leachate	0.09223		kg	1	09/05/24 07:44	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-103 (0-2)		
Lab Sample ID:	JD95162-3	**Date Sampled:**	08/26/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	94.6
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C203598.D	1	09/03/24 22:45	PS	n/a	n/a	V1C8781
Run #2							

	Initial Weight
Run #1	9.7 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0166	0.0054	mg/kg	
107-13-1	Acrylonitrile	ND	0.0054	mg/kg	
71-43-2	Benzene	ND	0.00027	mg/kg	
108-86-1	Bromobenzene	ND	0.0027	mg/kg	
74-97-5	Bromochloromethane	ND	0.0027	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0011	mg/kg	
75-25-2	Bromoform	ND	0.0027	mg/kg	
74-83-9	Bromomethane	ND	0.0027	mg/kg	
78-93-3	2-Butanone (MEK) [b]	ND	0.0054	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0011	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0011	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0011	mg/kg	
75-15-0	Carbon disulfide	ND	0.0011	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0011	mg/kg	
108-90-7	Chlorobenzene	ND	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0027	mg/kg	
67-66-3	Chloroform	ND	0.0011	mg/kg	
74-87-3	Chloromethane	ND	0.0027	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0011	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0011	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0011	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0011	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00054	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00054	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00054	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00054	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0027	mg/kg	
75-71-8	Dichlorodifluoromethane [c]	ND	0.0027	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00054	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00054	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.00054	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00054	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-103 (0-2)		
Lab Sample ID:	JD95162-3	**Date Sampled:**	08/26/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	94.6
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.00054	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0011	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0011	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0011	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0011	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0011	mg/kg	
123-91-1	1,4-Dioxane	ND	0.068	mg/kg	
60-29-7	Ethyl Ether	ND	0.0011	mg/kg	
100-41-4	Ethylbenzene	ND	0.00054	mg/kg	
76-13-1	Freon 113	ND	0.0027	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0027	mg/kg	
591-78-6	2-Hexanone	ND	0.0027	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0011	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0011	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00054	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0027	mg/kg	
74-95-3	Methylene bromide	ND	0.0027	mg/kg	
75-09-2	Methylene chloride	ND	0.0027	mg/kg	
91-20-3	Naphthalene	ND	0.0027	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0011	mg/kg	
100-42-5	Styrene	ND	0.0011	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.0011	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.0011	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0011	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0011	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0011	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.0054	mg/kg	
108-88-3	Toluene	ND	0.00054	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0027	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0027	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0011	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0011	mg/kg	
79-01-6	Trichloroethene	ND	0.00054	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0027	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0027	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0011	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0011	mg/kg	
75-01-4	Vinyl chloride	ND	0.0011	mg/kg	
	m,p-Xylene	ND	0.00054	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-103 (0-2)		
Lab Sample ID:	JD95162-3	**Date Sampled:**	08/26/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	94.6
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	0.00054	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-124%
17060-07-0	1,2-Dichloroethane-D4	98%		75-133%
2037-26-5	Toluene-D8	108%		79-125%
460-00-4	4-Bromofluorobenzene	99%		58-148%

(a) Response factor for this compound is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high, sample was ND. Associated CCV outside of control limits high, sample was ND.
(c) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID: SB-103 (0-2)
Lab Sample ID: JD95162-3
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 08/26/24
Date Received: 08/29/24
Percent Solids: 94.6

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	7.1	2.1	0.43	mg/kg	1	09/03/24	09/04/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56816
(2) Prep QC Batch: MP48928

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-103 (0-2)		
Lab Sample ID:	JD95162-3A	**Date Sampled:**	08/26/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
		Percent Solids:	94.6
Project:	Eversource, Berlin, CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	MDL	Units	DF	Prep	Analyzed	By	Method
Lead	3.9 B		15	1.8	ug/l	1	09/05/24	09/05/24	KP	SW846 6010D [1]

(1) Instrument QC Batch: MA56821
(2) Prep QC Batch: MP49013

RL = Reporting Limit MDL = Method Detection Limit U = Indicates a result < MDL
MCL = Maximum Contamination Level (not available) B = Indicates a result > = MDL but < RL

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-103 (0-2)		
Lab Sample ID:	JD95162-3A	**Date Sampled:**	08/26/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
		Percent Solids:	94.6
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	9.14		su	1	09/05/24 07:44	IA	SW846 1312
Volume, SPLP Leachate	2.002		l	1	09/05/24 07:44	IA	SW846 1312
Weight, SPLP Leachate	0.1001		kg	1	09/05/24 07:44	IA	SW846 1312
Dry Weight, SPLP Leachate	0.09469		kg	1	09/05/24 07:44	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD95162-4	**Date Sampled:**	08/26/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C203595.D	1	09/03/24 21:25	PS	n/a	n/a	V1C8781
Run #2							

	Initial Weight
Run #1	5.0 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	ND	0.010	mg/kg	
107-13-1	Acrylonitrile	ND	0.010	mg/kg	
71-43-2	Benzene	ND	0.00050	mg/kg	
108-86-1	Bromobenzene	ND	0.0050	mg/kg	
74-97-5	Bromochloromethane	ND	0.0050	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0020	mg/kg	
75-25-2	Bromoform	ND	0.0050	mg/kg	
74-83-9	Bromomethane	ND	0.0050	mg/kg	
78-93-3	2-Butanone (MEK) [a]	ND	0.010	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0020	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0020	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0020	mg/kg	
75-15-0	Carbon disulfide	ND	0.0020	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0020	mg/kg	
108-90-7	Chlorobenzene	ND	0.0020	mg/kg	
75-00-3	Chloroethane	ND	0.0050	mg/kg	
67-66-3	Chloroform	ND	0.0020	mg/kg	
74-87-3	Chloromethane	ND	0.0050	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0020	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0020	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0020	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0010	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0050	mg/kg	
75-71-8	Dichlorodifluoromethane [b]	ND	0.0050	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0010	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0010	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0010	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.0010	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD95162-4	**Date Sampled:**	08/26/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.0010	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0020	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0020	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0020	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0020	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0020	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0020	mg/kg	
123-91-1	1,4-Dioxane	ND	0.13	mg/kg	
60-29-7	Ethyl Ether	ND	0.0020	mg/kg	
100-41-4	Ethylbenzene	ND	0.0010	mg/kg	
76-13-1	Freon 113	ND	0.0050	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0050	mg/kg	
591-78-6	2-Hexanone	ND	0.0050	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0020	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0020	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0050	mg/kg	
74-95-3	Methylene bromide	ND	0.0050	mg/kg	
75-09-2	Methylene chloride	ND	0.0050	mg/kg	
91-20-3	Naphthalene	ND	0.0050	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0020	mg/kg	
100-42-5	Styrene	ND	0.0020	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.0020	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.0020	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0020	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0020	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0020	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.010	mg/kg	
108-88-3	Toluene	ND	0.0010	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0050	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0050	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0020	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0020	mg/kg	
79-01-6	Trichloroethene	ND	0.0010	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0050	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0050	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	mg/kg	
75-01-4	Vinyl chloride	ND	0.0020	mg/kg	
	m,p-Xylene	ND	0.0010	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD95162-4	**Date Sampled:**	08/26/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	0.0010	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-124%
17060-07-0	1,2-Dichloroethane-D4	94%		75-133%
2037-26-5	Toluene-D8	104%		79-125%
460-00-4	4-Bromofluorobenzene	93%		58-148%

(a) Response factor for this compound is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- RCP Form
- Sample Tracking Chronicle
- QC Evaluation: CT RCP Limits

SO
SLL
SSTB

SGS Service Center
Northborough, MA

SGS

EHSA-QAC-0023-04-FORM-Standard COC

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

Page 1 of 1

FED-EX Tracking #:
Bottle Order Control #: JF-073024-134
SGS Quote #:
SGS Job #: JD95162

Client / Reporting Information
Company Name: Groundwater & Environmental Services
Street Address: 100 Sebethe Drive, Unit A8
City / State / Zip: Cromwell, CT 06416
Project Contact / E-mail: MDeGloria@gesonline.com
Phone #: 866-839-5195
Sampler(s) Name(s) / Phone #: Matthew Jusino
Project Manager: Michael DeGloria

Project Information
Project Name: Eversource - Berlin CT
Street: 107 Selden Road
City / State: Berlin CT
Project #: 1503724-53-878
Client Purchase Order #:

Billing Information (if different from Report to)
Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analysis
8260 VOCs; Total Lead; SPLP Lead

Matrix Codes
DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Oil/wat (W) (Y/N)	Matrix	# of bottles	Number of bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)	LAB USE ONLY
1	SB-100 (4-5)	2995	8/26/24	0950	MJ	G		SO	4					1	2	1		X X X	D45
2	MW-13A (0-2)	2996	"	1100	MJ	G		SO	4					1	2	1		X X X	1403
3	SB-103 (0-2)	2993	"	1320	MJ	G		SO	4					1	2	1		X X X	4063
4	Trip Blank	3008	8/22/24	LAB	LAB	G		TB	3						2	1		X	

Turn Around Time (Business Days)
Approved By (SGS PM): / Date:
- [x] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other
All data available via Labfink
Approval needed for 1-3 Business Day TAT

Deliverable
- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] MA MCP Criteria
- [x] CT RCP Criteria
- [ ] State Forms
- [ ] EDD Format
- [ ] DOD-QSM5

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions
DI water frozen at 1420 on 8/26/24

http://www.sgs.com/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date / Time:	Received By:
1	Matthew Jusino	8/27/24 1420	GES Freezer
2	Matthew Jusino	8-29-24 1335	
3		8-29-24 1835	
4		8-29 2241	
5			

Custody Seal #: Intact / Not intact / Absent
Therm ID: See Sample Receipt Summary
On Ice: Cooler Temp. °C: 2.3 1250

Initial Assessment 2AEA

JD95162: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: JD95162 **Client:** GROUNDWATER & ENVIRONMENTAL S **Project:** EVERSOURCE, BERLIN, CT

Date / Time Received: 8/29/2024 10:41:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.3);

Cooler Temps (Corrected) °C: Cooler 1: (2.7);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-50		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

5.1 5

JD95162: Chain of Custody
Page 2 of 2

Reasonable Confidence Protocol
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: SGS North America Inc. **Client:** Groundwater & Environmental Services

Project Location: Eversource, Berlin, CT **Project Number:**

Sampling Date(s): 8/26/2024

Laboratory Sample ID(s): JD95162-1A, JD95162-2A, JD95162-3A, JD95162-1, JD95162-2, JD95162-3, JD95162-4

5.2
5

Methods: EPA 160.3 M, NONE, SM2540 G 18TH ED MOD, SW846 1312, SW846 6010D, SW846 8260D

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 CTDEEP method-specific Reasonable Confidence Protocol documents)?	Yes ☑ No ☐
1A	Were all the method specified preservation and holding time requirements met?	Yes ☑ No ☐
1B	VPH and EPH Methods only:Was the VPH or EPH method conducted without significant modifications (see respective RCPs)	Yes ☐ No ☐ NA ☑
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes ☑ No ☐
3	Were samples received at an appropriate temperature (≤6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6ºC are acceptable .	Yes ☑ No ☐
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable ConfidenceProtocol documents achieved?	Yes ☑ No ☐
5	Were reporting limits specified or referenced on the chain-of-custody?	Yes ☑ No ☐
5A	Were these reporting limits / limits of quantitation 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 for applicable RCPs?	Yes ☐ No ☑

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence." This form may not be altered, and all questions must be answered .

I, the undersigned, attest under 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:  Position: General Manager

Printed Name: David Chastain Date: 9/9/2024

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD95162

Eversource, Berlin, CT
Project No: 1503724-53-878

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD95162-1	Collected: 26-AUG-24 09:50 By: MJ		Received: 29-AUG-24 By: JK			
SB-100 (4-5)						
JD95162-1	SW846 8260D	03-SEP-24 21:52	PS			V8260RCP
JD95162-1	SM2540 G 18TH ED MOD	05-SEP-24 15:26	AM			SOL104
JD95162-1	SW846 6010D	06-SEP-24 13:59	MM	03-SEP-24	BP	PB
JD95162-2	Collected: 26-AUG-24 11:00 By: MJ		Received: 29-AUG-24 By: JK			
MW-13A (0-2)						
JD95162-2	SW846 8260D	03-SEP-24 22:18	PS			V8260RCP
JD95162-2	SW846 6010D	04-SEP-24 11:50	MM	03-SEP-24	BP	PB
JD95162-2	SM2540 G 18TH ED MOD	05-SEP-24 15:26	AM			SOL104
JD95162-3	Collected: 26-AUG-24 13:20 By: MJ		Received: 29-AUG-24 By: JK			
SB-103 (0-2)						
JD95162-3	SW846 8260D	03-SEP-24 22:45	PS			V8260RCP
JD95162-3	SW846 6010D	04-SEP-24 11:55	MM	03-SEP-24	BP	PB
JD95162-3	SM2540 G 18TH ED MOD	05-SEP-24 15:26	AM			SOL104
JD95162-4	Collected: 26-AUG-24 13:20 By: MJ		Received: 29-AUG-24 By: JK			
TRIP BLANK						
JD95162-4	SW846 8260D	03-SEP-24 21:25	PS			V8260RCP
JD95162-1A	Collected: 26-AUG-24 09:50 By: MJ		Received: 29-AUG-24 By: JK			
SB-100 (4-5)						
JD95162-1A	SW846 1312	05-SEP-24 07:44	IA			SPLPRATIO
JD95162-1A	SW846 6010D	05-SEP-24 19:42	KP	05-SEP-24	SK	EPB
JD95162-2A	Collected: 26-AUG-24 11:00 By: MJ		Received: 29-AUG-24 By: JK			
MW-13A (0-2)						
JD95162-2A	SW846 1312	05-SEP-24 07:44	IA			SPLPRATIO
JD95162-2A	SW846 6010D	05-SEP-24 19:47	KP	05-SEP-24	SK	EPB

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD95162

Eversource, Berlin, CT
Project No: 1503724-53-878

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD95162-3A	Collected: 26-AUG-24 13:20 By: MJ SB-103 (0-2)	Received: 29-AUG-24 By: JK				
JD95162-3A	SW846 1312	05-SEP-24 07:44	IA			SPLPRATIO
JD95162-3A	SW846 6010D	05-SEP-24 19:52	KP	05-SEP-24	SK	EPB

QC Evaluation: CT RCP Limits

Job Number: JD95162
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/26/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V1C8781	SW846 8260D						
V1C8781-BS	67-64-1	Acetone	BSP	REC	128	%	70-130
V1C8781-BS	107-13-1	Acrylonitrile	BSP	REC	113	%	70-130
V1C8781-BS	71-43-2	Benzene	BSP	REC	103	%	70-130
V1C8781-BS	108-86-1	Bromobenzene	BSP	REC	96	%	70-130
V1C8781-BS	74-97-5	Bromochloromethane	BSP	REC	106	%	70-130
V1C8781-BS	75-27-4	Bromodichloromethane	BSP	REC	105	%	70-130
V1C8781-BS	75-25-2	Bromoform	BSP	REC	112	%	70-130
V1C8781-BS	74-83-9	Bromomethane	BSP	REC	94	%	70-130
V1C8781-BS	78-93-3	2-Butanone (MEK)	BSP	REC	112	%	70-130
V1C8781-BS	104-51-8	n-Butylbenzene	BSP	REC	89	%	70-130
V1C8781-BS	135-98-8	sec-Butylbenzene	BSP	REC	87	%	70-130
V1C8781-BS	98-06-6	tert-Butylbenzene	BSP	REC	90	%	70-130
V1C8781-BS	75-15-0	Carbon disulfide	BSP	REC	98	%	70-130
V1C8781-BS	56-23-5	Carbon tetrachloride	BSP	REC	105	%	70-130
V1C8781-BS	108-90-7	Chlorobenzene	BSP	REC	98	%	70-130
V1C8781-BS	75-00-3	Chloroethane	BSP	REC	88	%	70-130
V1C8781-BS	67-66-3	Chloroform	BSP	REC	93	%	70-130
V1C8781-BS	74-87-3	Chloromethane	BSP	REC	86	%	70-130
V1C8781-BS	95-49-8	o-Chlorotoluene	BSP	REC	91	%	70-130
V1C8781-BS	106-43-4	p-Chlorotoluene	BSP	REC	86	%	70-130
V1C8781-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	84	%	70-130
V1C8781-BS	124-48-1	Dibromochloromethane	BSP	REC	104	%	70-130
V1C8781-BS	106-93-4	1,2-Dibromoethane	BSP	REC	97	%	70-130
V1C8781-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	94	%	70-130
V1C8781-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	96	%	70-130
V1C8781-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	94	%	70-130
V1C8781-BS	110-57-6	Trans-1,4-Dichloro-2-Butene	BSP	REC	82	%	70-130
V1C8781-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	136	%	70-130
V1C8781-BS	75-34-3	1,1-Dichloroethane	BSP	REC	95	%	70-130
V1C8781-BS	107-06-2	1,2-Dichloroethane	BSP	REC	96	%	70-130
V1C8781-BS	75-35-4	1,1-Dichloroethene	BSP	REC	92	%	70-130
V1C8781-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	93	%	70-130
V1C8781-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	95	%	70-130
V1C8781-BS	78-87-5	1,2-Dichloropropane	BSP	REC	99	%	70-130
V1C8781-BS	142-28-9	1,3-Dichloropropane	BSP	REC	97	%	70-130
V1C8781-BS	594-20-7	2,2-Dichloropropane	BSP	REC	101	%	70-130
V1C8781-BS	563-58-6	1,1-Dichloropropene	BSP	REC	96	%	70-130
V1C8781-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	105	%	70-130
V1C8781-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	98	%	70-130
V1C8781-BS	123-91-1	1,4-Dioxane	BSP	REC	122	%	70-130
V1C8781-BS	60-29-7	Ethyl Ether	BSP	REC	96	%	70-130
V1C8781-BS	100-41-4	Ethylbenzene	BSP	REC	93	%	70-130

* Sample used for QC is not from job JD95162

QC Evaluation: CT RCP Limits

Job Number: JD95162
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/26/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V1C8781-BS	76-13-1	Freon 113	BSP	REC	109	%	70-130
V1C8781-BS	87-68-3	Hexachlorobutadiene	BSP	REC	107	%	70-130
V1C8781-BS	591-78-6	2-Hexanone	BSP	REC	94	%	70-130
V1C8781-BS	98-82-8	Isopropylbenzene	BSP	REC	94	%	70-130
V1C8781-BS	99-87-6	p-Isopropyltoluene	BSP	REC	85	%	70-130
V1C8781-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	93	%	70-130
V1C8781-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	94	%	70-130
V1C8781-BS	74-95-3	Methylene bromide	BSP	REC	103	%	70-130
V1C8781-BS	75-09-2	Methylene chloride	BSP	REC	91	%	70-130
V1C8781-BS	91-20-3	Naphthalene	BSP	REC	97	%	70-130
V1C8781-BS	103-65-1	n-Propylbenzene	BSP	REC	85	%	70-130
V1C8781-BS	100-42-5	Styrene	BSP	REC	97	%	70-130
V1C8781-BS	994-05-8	tert-Amyl Methyl Ether	BSP	REC	104	%	70-130
V1C8781-BS	637-92-3	tert-Butyl Ethyl Ether	BSP	REC	92	%	70-130
V1C8781-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	104	%	70-130
V1C8781-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	89	%	70-130
V1C8781-BS	127-18-4	Tetrachloroethene	BSP	REC	109	%	70-130
V1C8781-BS	109-99-9	Tetrahydrofuran	BSP	REC	87	%	70-130
V1C8781-BS	108-88-3	Toluene	BSP	REC	91	%	70-130
V1C8781-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	103	%	70-130
V1C8781-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	105	%	70-130
V1C8781-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	102	%	70-130
V1C8781-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	96	%	70-130
V1C8781-BS	79-01-6	Trichloroethene	BSP	REC	111	%	70-130
V1C8781-BS	75-69-4	Trichlorofluoromethane	BSP	REC	108	%	70-130
V1C8781-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	87	%	70-130
V1C8781-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	93	%	70-130
V1C8781-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	89	%	70-130
V1C8781-BS	75-01-4	Vinyl chloride	BSP	REC	105	%	70-130
V1C8781-BS		m,p-Xylene	BSP	REC	97	%	70-130
V1C8781-BS	95-47-6	o-Xylene	BSP	REC	94	%	70-130
V1C8781-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	100	%	70-130
V1C8781-BS	2037-26-5	Toluene-D8	BSP	SURR	92	%	70-130
V1C8781-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	84	%	70-130
V1C8781-MB	1868-53-7	Dibromofluoromethane	MB	SURR	101	%	70-130
V1C8781-MB	2037-26-5	Toluene-D8	MB	SURR	101	%	70-130
V1C8781-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	92	%	70-130
JD95162-1	1868-53-7	Dibromofluoromethane	SAMP	SURR	105	%	70-130
JD95162-1	2037-26-5	Toluene-D8	SAMP	SURR	99	%	70-130
JD95162-1	460-00-4	4-Bromofluorobenzene	SAMP	SURR	92	%	70-130
JD95162-2	1868-53-7	Dibromofluoromethane	SAMP	SURR	102	%	70-130
JD95162-2	2037-26-5	Toluene-D8	SAMP	SURR	99	%	70-130
JD95162-2	460-00-4	4-Bromofluorobenzene	SAMP	SURR	94	%	70-130
JD95162-3	1868-53-7	Dibromofluoromethane	SAMP	SURR	103	%	70-130
JD95162-3	2037-26-5	Toluene-D8	SAMP	SURR	108	%	70-130

* Sample used for QC is not from job JD95162

QC Evaluation: CT RCP Limits

Job Number: JD95162
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/26/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD95162-3	460-00-4	4-Bromofluorobenzene	SAMP	SURR	99	%	70-130
JD95162-4	1868-53-7	Dibromofluoromethane	SAMP	SURR	99	%	70-130
JD95162-4	2037-26-5	Toluene-D8	SAMP	SURR	104	%	70-130
JD95162-4	460-00-4	4-Bromofluorobenzene	SAMP	SURR	93	%	70-130

* Sample used for QC is not from job JD95162

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JD95162
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C8781-MB	1C203577.D	1	09/03/24	PS	n/a	n/a	V1C8781

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95162-1, JD95162-2, JD95162-3, JD95162-4

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/kg	
107-13-1	Acrylonitrile	ND	10	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	5.0	ug/kg	
74-83-9	Bromomethane	ND	5.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	ug/kg	

Method Blank Summary

Job Number: JD95162
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C8781-MB	1C203577.D	1	09/03/24	PS	n/a	n/a	V1C8781

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95162-1, JD95162-2, JD95162-3, JD95162-4

CAS No.	Compound	Result	RL	Units	Q
563-58-6	1,1-Dichloropropene	ND	2.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
123-91-1	1,4-Dioxane	ND	130	ug/kg	
60-29-7	Ethyl Ether	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
76-13-1	Freon 113	ND	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
591-78-6	2-Hexanone	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	ug/kg	
75-09-2	Methylene chloride	ND	5.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	ug/kg	
100-42-5	Styrene	ND	2.0	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	10	ug/kg	
108-88-3	Toluene	ND	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	

Method Blank Summary

Job Number: JD95162
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C8781-MB	1C203577.D	1	09/03/24	PS	n/a	n/a	V1C8781

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95162-1, JD95162-2, JD95162-3, JD95162-4

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	80-124%
17060-07-0	1,2-Dichloroethane-D4	91%	75-133%
2037-26-5	Toluene-D8	101%	79-125%
460-00-4	4-Bromofluorobenzene	92%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Blank Spike Summary

Job Number: JD95162
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C8781-BS	1C203575.D	1	09/03/24	PS	n/a	n/a	V1C8781

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95162-1, JD95162-2, JD95162-3, JD95162-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	256	128	52-156
107-13-1	Acrylonitrile	50	56.4	113	56-159
71-43-2	Benzene	50	51.6	103	82-119
108-86-1	Bromobenzene	50	48.1	96	82-115
74-97-5	Bromochloromethane	50	52.8	106	82-123
75-27-4	Bromodichloromethane	50	52.4	105	83-121
75-25-2	Bromoform	50	55.9	112	74-138
74-83-9	Bromomethane	50	47.0	94	56-150
78-93-3	2-Butanone (MEK)	200	223	112	72-138
104-51-8	n-Butylbenzene	50	44.6	89	81-124
135-98-8	sec-Butylbenzene	50	43.7	87	78-120
98-06-6	tert-Butylbenzene	50	45.2	90	78-121
75-15-0	Carbon disulfide	50	49.0	98	67-131
56-23-5	Carbon tetrachloride	50	52.7	105	72-130
108-90-7	Chlorobenzene	50	48.9	98	83-114
75-00-3	Chloroethane	50	44.1	88	67-141
67-66-3	Chloroform	50	46.6	93	76-115
74-87-3	Chloromethane	50	43.2	86	57-141
95-49-8	o-Chlorotoluene	50	45.5	91	81-118
106-43-4	p-Chlorotoluene	50	43.1	86	78-117
96-12-8	1,2-Dibromo-3-chloropropane	50	41.9	84	72-131
124-48-1	Dibromochloromethane	50	51.8	104	80-128
106-93-4	1,2-Dibromoethane	50	48.4	97	58-145
95-50-1	1,2-Dichlorobenzene	50	46.8	94	83-117
541-73-1	1,3-Dichlorobenzene	50	47.8	96	82-114
106-46-7	1,4-Dichlorobenzene	50	46.9	94	79-114
110-57-6	Trans-1,4-Dichloro-2-Butene	50	40.8	82	62-139
75-71-8	Dichlorodifluoromethane	50	68.0	136	49-146
75-34-3	1,1-Dichloroethane	50	47.6	95	76-126
107-06-2	1,2-Dichloroethane	50	48.2	96	76-118
75-35-4	1,1-Dichloroethene	50	45.8	92	72-125
156-59-2	cis-1,2-Dichloroethene	50	46.4	93	80-118
156-60-5	trans-1,2-Dichloroethene	50	47.3	95	76-122
78-87-5	1,2-Dichloropropane	50	49.7	99	82-123
142-28-9	1,3-Dichloropropane	50	48.7	97	84-120
594-20-7	2,2-Dichloropropane	50	50.7	101	66-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD95162
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C8781-BS	1C203575.D	1	09/03/24	PS	n/a	n/a	V1C8781

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95162-1, JD95162-2, JD95162-3, JD95162-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
563-58-6	1,1-Dichloropropene	50	47.8	96	78-122
10061-01-5	cis-1,3-Dichloropropene	50	52.6	105	83-123
10061-02-6	trans-1,3-Dichloropropene	50	48.8	98	83-123
123-91-1	1,4-Dioxane	1250	1520	122	64-163
60-29-7	Ethyl Ether	50	47.8	96	78-131
100-41-4	Ethylbenzene	50	46.5	93	83-115
76-13-1	Freon 113	50	54.5	109	65-132
87-68-3	Hexachlorobutadiene	50	53.3	107	65-130
591-78-6	2-Hexanone	200	188	94	73-138
98-82-8	Isopropylbenzene	50	47.0	94	81-122
99-87-6	p-Isopropyltoluene	50	42.5	85	80-120
1634-04-4	Methyl Tert Butyl Ether	50	46.3	93	75-126
108-10-1	4-Methyl-2-pentanone(MIBK)	200	188	94	71-138
74-95-3	Methylene bromide	50	51.6	103	81-122
75-09-2	Methylene chloride	50	45.7	91	73-122
91-20-3	Naphthalene	50	48.5	97	71-129
103-65-1	n-Propylbenzene	50	42.6	85	77-120
100-42-5	Styrene	50	48.5	97	84-122
994-05-8	tert-Amyl Methyl Ether	50	51.8	104	77-125
637-92-3	tert-Butyl Ethyl Ether	50	46.0	92	75-131
630-20-6	1,1,1,2-Tetrachloroethane	50	51.8	104	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	44.6	89	75-127
127-18-4	Tetrachloroethene	50	54.6	109	73-125
109-99-9	Tetrahydrofuran	50	43.5	87	61-136
108-88-3	Toluene	50	45.4	91	82-118
87-61-6	1,2,3-Trichlorobenzene	50	51.4	103	68-132
120-82-1	1,2,4-Trichlorobenzene	50	52.6	105	72-133
71-55-6	1,1,1-Trichloroethane	50	51.2	102	77-124
79-00-5	1,1,2-Trichloroethane	50	48.1	96	83-122
79-01-6	Trichloroethene	50	55.3	111	80-122
75-69-4	Trichlorofluoromethane	50	53.9	108	69-132
96-18-4	1,2,3-Trichloropropane	50	43.7	87	80-120
95-63-6	1,2,4-Trimethylbenzene	50	46.6	93	80-119
108-67-8	1,3,5-Trimethylbenzene	50	44.6	89	79-120
75-01-4	Vinyl chloride	50	52.3	105	60-144
	m,p-Xylene	100	96.9	97	82-119

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD95162
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C8781-BS	1C203575.D	1	09/03/24	PS	n/a	n/a	V1C8781

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95162-1, JD95162-2, JD95162-3, JD95162-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-47-6	o-Xylene	50	47.0	94	84-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	80-124%
17060-07-0	1,2-Dichloroethane-D4	96%	75-133%
2037-26-5	Toluene-D8	92%	79-125%
460-00-4	4-Bromofluorobenzene	84%	58-148%

* = Outside of Control Limits.

Internal Standard Area Summary

Job Number: JD95162
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V1C8781-CC8714	**Injection Date:**	09/03/24
Lab File ID:	1C203574.D	**Injection Time:**	11:35
Instrument ID:	GCMS1C	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	67266	7.03	228665	9.27	342570	10.19	310370	13.36	189365	15.68
Upper Limit [a]	134532	7.53	457330	9.77	685140	10.69	620740	13.86	378730	16.18
Lower Limit [b]	33633	6.53	114333	8.77	171285	9.69	155185	12.86	94683	15.18

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V1C8781-BS	67891	7.03	244081	9.27	359412	10.19	335108	13.36	205582	15.68
V1C8781-MB	58568	7.03	239399	9.28	350862	10.19	302602	13.36	177271	15.68
JD95152-2	61509	7.03	233847	9.28	350535	10.19	312017	13.36	190262	15.68
JD95152-4	61913	7.03	227800	9.28	336384	10.19	303884	13.36	180861	15.68
ZZZZZZ	66729	7.03	227016	9.28	349565	10.19	305334	13.36	172803	15.68
ZZZZZZ	68460	7.03	223811	9.28	339650	10.19	301480	13.36	179655	15.68
ZZZZZZ	62231	7.03	226364	9.28	341876	10.19	303420	13.36	175836	15.68
ZZZZZZ	70665	7.03	226146	9.28	334028	10.19	300276	13.36	167821	15.68
ZZZZZZ	65206	7.03	221403	9.28	335410	10.19	305004	13.36	164703	15.68
ZZZZZZ	66934	7.04	220953	9.28	331346	10.19	300660	13.36	171079	15.68
ZZZZZZ	62725	7.03	225147	9.28	323842	10.19	283667	13.36	167126	15.68
JD95152-2MS	58464	7.03	237169	9.28	347129	10.19	313697	13.36	186302	15.68
JD95152-4DUP	65121	7.03	236984	9.28	344825	10.19	293926	13.36	174426	15.68
ZZZZZZ	67107	7.03	233187	9.28	346183	10.19	298025	13.36	172431	15.68
ZZZZZZ	70933	7.03	229874	9.28	343309	10.19	309896	13.36	163302	15.68
ZZZZZZ	69973	7.03	226743	9.28	340353	10.19	293165	13.36	170898	15.68
ZZZZZZ	66219	7.03	223500	9.28	336428	10.19	290322	13.36	175560	15.68
ZZZZZZ	62456	7.03	221067	9.28	326464	10.19	293348	13.36	169285	15.68
JD95162-4	61229	7.03	216363	9.28	314421	10.19	266732	13.36	160515	15.68
JD95162-1	59553	7.04	221508	9.28	337008	10.19	289005	13.36	173075	15.68
JD95162-2	61180	7.03	221719	9.28	320342	10.19	280797	13.36	158458	15.68
JD95162-3	63714	7.03	214315	9.28	319709	10.19	256767	13.36	135633	15.68
ZZZZZZ	59575	7.03	211328	9.28	304631	10.19	274921	13.36	151293	15.68

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Surrogate Recovery Summary

Job Number: JD95162
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Method: SW846 8260D **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JD95162-1	1C203596.D	105	96	99	92
JD95162-2	1C203597.D	102	99	99	94
JD95162-3	1C203598.D	103	98	108	99
JD95162-4	1C203595.D	99	94	104	93
V1C8781-BS	1C203575.D	100	96	92	84
V1C8781-MB	1C203577.D	101	91	101	92

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-124%
S2 = 1,2-Dichloroethane-D4	75-133%
S3 = Toluene-D8	79-125%
S4 = 4-Bromofluorobenzene	58-148%

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD95162
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 09/03/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	1.7	8.1		
Antimony	2.0	.17	.41		
Arsenic	2.0	.21	.28		
Barium	20	.08	1.9		
Beryllium	0.20	.03	.08		
Bismuth	2.0	.23	.52		
Boron	10	.23	3.7		
Cadmium	0.50	.03	.07		
Calcium	500	.66	21		
Chromium	1.0	.03	.37		
Cobalt	5.0	.04	.28		
Copper	2.5	.08	.84		
Iron	50	.53	19		
Lead	2.0	.11	.41	-0.050	<2.0
Lithium	5.0	.48	.92		
Magnesium	500	3.2	14		
Manganese	1.5	.01	.41		
Molybdenum	2.0	.06	.32		
Nickel	4.0	.04	.35		
Phosphorus	20	.12	3.3		
Potassium	1000	7.7	32		
Selenium	2.0	.32	.65		
Silicon	20	.17	11		
Silver	0.50	.1	.17		
Sodium	1000	3.4	78		
Strontium	5.0	.03	.18		
Sulfur	10	.3	3.9		
Thallium	1.0	.18	.58		
Tin	20	.08	3.8		
Titanium	1.0	.05	.34		
Tungsten	5.0	.26	1.8		
Vanadium	5.0	.06	.19		
Zinc	5.0	.01	2.3		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD95162
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 09/03/24

Metal	RL	IDL	MDL	MB raw	final
Zirconium	2.0	.03	.54		

Associated samples MP48928: JD95162-1, JD95162-2, JD95162-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD95162
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 09/03/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron				
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	193	200	96.5	80-120
Lithium				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD95162
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 09/03/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP48928: JD95162-1, JD95162-2, JD95162-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.1.2
7

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD95162
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	JD94993-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron				
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	185	186	0.6	0-10
Lithium				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD95162
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	JD94993-1 Original SDL 1:5	%DIF	QC Limits
Zirconium			

Associated samples MP48928: JD95162-1, JD95162-2, JD95162-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

POST DIGESTATE SPIKE SUMMARY

Login Number: JD95162
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	Sample ml	Final ml	JD94993-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Bismuth										
Boron										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead										
Lithium										
Magnesium										
Manganese										
Molybdenum										
Nickel										
Phosphorus										
Potassium										
Selenium										
Silicon										
Silver										
Sodium										
Strontium										
Sulfur										
Thallium										
Tin										
Titanium										
Tungsten										
Vanadium										
Zinc										

POST DIGESTATE SPIKE SUMMARY

Login Number: JD95162
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	Sample ml	Final ml	JD94993-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Zirconium										

Associated samples MP48928: JD95162-1, JD95162-2, JD95162-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD95162
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP49013
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date: 09/05/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	27	46		
Antimony	100	2.2	4.7		
Arsenic	100	1.3	2.8		
Barium	200	1	13		
Beryllium	2.0	.2	.5		
Bismuth	20	2.1	4		
Boron	100	1	63		
Cadmium	4.0	.2	1		
Calcium	5000	7.7	99		
Chromium	10	.5	2		
Cobalt	50	.4	2.6		
Copper	10	6.8	5.9		
Iron	100	15	32		
Lead	100	1.6	1.8	0.0	<100
Lithium	50	3.7	7.3		
Magnesium	5000	54	140		
Manganese	15	.1	1.4		
Molybdenum	20	.5	3.6		
Nickel	10	.3	1.7		
Phosphorus	50	1.8	18		
Potassium	10000	77	200		
Selenium	100	2	4.9		
Silicon	200	1.3	100		
Silver	10	.9	1.9		
Sodium	10000	23	570		
Strontium	10	.4	1		
Sulfur	50	4.1	45		
Thallium	100	1.6	1.8		
Tin	10	.9	3.7		
Titanium	10	.9	2.5		
Tungsten	50	2	40		
Vanadium	50	.8	1.8		
Zinc	20	.2	6.9		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD95162
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP49013
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 09/05/24

Metal	RL	IDL	MDL	MB raw	final
Zirconium	10	.5	4.1		

Associated samples MP49013: JD95162-1A, JD95162-2A, JD95162-3A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD95162
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP49013
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date:		09/05/24				09/05/24		
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	anr							
Antimony								
Arsenic	anr							
Barium	anr							
Beryllium	anr							
Bismuth								
Boron								
Cadmium	anr							
Calcium								
Chromium	anr							
Cobalt								
Copper								
Iron								
Lead	1970	2000	98.5	80-120	1900	2000	95.0	80-120
Lithium								
Magnesium								
Manganese								
Molybdenum								
Nickel								
Phosphorus								
Potassium								
Selenium	anr							
Silicon								
Silver	anr							
Sodium								
Strontium								
Sulfur								
Thallium								
Tin								
Titanium								
Tungsten								
Vanadium								
Zinc								

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD95162
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP49013
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date:		09/05/24				09/05/24		
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium								

Associated samples MP49013: JD95162-1A, JD95162-2A, JD95162-3A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD95162
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP49013
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 09/05/24

Metal	JD95278-6B Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony				
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron				
Cadmium	anr			
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron				
Lead	0.00	0.00	NC	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium	anr			
Silicon				
Silver	anr			
Sodium				
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD95162
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP49013
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 09/05/24

Metal	JD95278-6B Original SDL 1:5	%DIF	QC Limits
Zirconium			

Associated samples MP49013: JD95162-1A, JD95162-2A, JD95162-3A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SGS

Dayton, NJ

09/09/24

The results set forth herein are provided by SGS North America Inc.

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Automated Report

Technical Report for

Groundwater & Environmental Services

Eversource, Berlin, CT

1503724-53-878

SGS Job Number: JD95163

Sampling Date: 08/28/24



Report to:

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Total number of pages in report: **98**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

David Chastain
General Manager

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Sections: 1 2 3 4 5 6 7

Table of Contents

Section 1: Sample Summary **3**
Section 2: Case Narrative/Conformance Summary **4**
Section 3: Summary of Hits **7**
Section 4: Sample Results **9**
4.1: JD95163-1: MW-13A (13-15) 10
4.2: JD95163-2: MW-13A (15-17) 14
4.3: JD95163-3: SB-102 (13-15) 18
4.4: JD95163-4: SB-102 (15-17) 22
4.5: JD95163-5: SB-103 (13-15) 26
4.6: JD95163-6: SB-103 (9-11) 30
4.7: JD95163-6A: SB-103 (9-11) 34
4.8: JD95163-7: TRIP BLANK 36
Section 5: Misc. Forms **39**
5.1: Chain of Custody 40
5.2: RCP Form 42
5.3: Sample Tracking Chronicle 43
5.4: QC Evaluation: CT RCP Limits 45
Section 6: MS Volatiles - QC Data Summaries **58**
6.1: Method Blank Summary 59
6.2: Blank Spike Summary 66
6.3: Blank Spike/Blank Spike Duplicate Summary 70
6.4: Matrix Spike/Matrix Spike Duplicate Summary 73
6.5: Internal Standard Area Summaries 76
6.6: Surrogate Recovery Summaries 79
Section 7: Metals Analysis - QC Data Summaries **80**
7.1: Prep QC MP48928: Pb 81
7.2: Prep QC MP48958: Pb 89

SGS North America Inc.

Sample Summary

Groundwater & Environmental Services

Job No: JD95163

Eversource, Berlin, CT
Project No: 1503724-53-878

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the RL							
JD95163-1	08/28/24	09:55	MJ	08/29/24	SO	Soil	MW-13A (13-15)
JD95163-2	08/28/24	10:05	MJ	08/29/24	SO	Soil	MW-13A (15-17)
JD95163-3	08/28/24	13:10	MJ	08/29/24	SO	Soil	SB-102 (13-15)
JD95163-4	08/28/24	13:20	MJ	08/29/24	SO	Soil	SB-102 (15-17)
JD95163-5	08/28/24	15:20	MJ	08/29/24	SO	Soil	SB-103 (13-15)
JD95163-6	08/28/24	15:55	MJ	08/29/24	SO	Soil	SB-103 (9-11)
JD95163-6A	08/28/24	15:55	MJ	08/29/24	SO	Soil	SB-103 (9-11)
JD95163-7	08/28/24	15:55	MJ	08/29/24	SO	Trip Blank Soil	TRIP BLANK

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

2

Client: Groundwater & Environmental Services **Job No:** JD95163

Site: Eversource, Berlin, CT **Report Date** 9/9/2024 3:31:47 PM

On 08/29/2024, 7 sample(s), 1 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 2.7 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JD95163 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: SO **Batch ID:** V2R395

- All samples were analyzed within the recommended method holding time.
- Sample(s) JD95163-1MS, JD95163-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The matrix spike (MS) recovery(s) of 1,1,2-Trichloroethane, Chloroethane are outside control limits. Outside control limits due to matrix interference.
- The matrix spike duplicate (MSD) recovery(s) of 1,1,2-Trichloroethane, Chloroethane are outside control limits. Probable cause due to matrix interference.
- JD95163-5: Dilution required due to high concentration of target compound.
- JD95163-1: Dilution required due to high concentration of non-target compound.
- JD95163-3: Dilution required due to high concentration of non-target compound.
- JD95163-4: Dilution required due to high concentration of non-target compound.
- JD95163-1 for Chloromethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD95163-4 for Chloromethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD95163-3 for Chloromethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD95163-5 for Chloromethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- V2R395-BSD for Bromomethane: Outside in house control limits.
- Not all RL meet the requirement.

Matrix: SO **Batch ID:** V2R396

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Matrix: SO **Batch ID:** V3C8258

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- JD95163-2 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD95163-2 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95163-6 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95163-6 for 4-Methyl-2-pentanone(MIBK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.

2

MS Volatiles By Method SW846 8260D

Matrix: SO **Batch ID:** V3C8258

- JD95163-6 for Chloroethane: Associated CCV outside of control limits high, sample was ND.
- JD95163-6 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD95163-7 for 1,4-Dioxane: Associated CCV outside of control limits high, sample was ND.
- JD95163-2 for Chloroethane: Associated CCV outside of control limits high, sample was ND.
- JD95163-2 for 1,4-Dioxane: Associated CCV outside of control limits high, sample was ND.
- JD95163-7 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95163-7 for 4-Methyl-2-pentanone(MIBK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95163-6 for 1,4-Dioxane: Associated CCV outside of control limits high, sample was ND.
- JD95163-7 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95163-2 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95163-2 for 4-Methyl-2-pentanone(MIBK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95163-7 for Chloroethane: Associated CCV outside of control limits high, sample was ND.
- JD95163-6 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95163-7 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- Not all RL meet the requirement.

Metals Analysis By Method SW846 6010D

Matrix: LEACHATE **Batch ID:** MP48958

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD95163-6AMS, JD95163-6AMSD, JD95163-6ASDL were used as the QC samples for the metals analysis.
- The serial dilution RPD(s) for Lead are outside control limits for sample MP48958-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- TCLP Lead reported only.

Matrix: SO **Batch ID:** MP48928

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD94993-1SDL were used as the QC samples for the metals analysis.
- Lead reported only.

General Chemistry By Method SM2540 G 18TH ED MOD

Matrix: SO **Batch ID:** GN59289

- The data for SM2540 G 18TH ED MOD meets quality control requirements.

General Chemistry By Method SW846 1312

Matrix: ALL **Batch ID:** GN59279

- The data for SW846 1312 meets quality control requirements.

2

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JD95163
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/28/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD95163-1	**MW-13A (13-15)**					
n-Butylbenzene [a]		0.737	0.10		mg/kg	SW846 8260D
sec-Butylbenzene [a]		0.209	0.10		mg/kg	SW846 8260D
p-Isopropyltoluene [a]		0.115	0.10		mg/kg	SW846 8260D
n-Propylbenzene [a]		0.467	0.10		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene [a]		0.857	0.10		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene [a]		0.794	0.10		mg/kg	SW846 8260D
Lead		8.3	2.3	0.48	mg/kg	SW846 6010D
JD95163-2	**MW-13A (15-17)**					
Acetone [b]		0.0094	0.0089		mg/kg	SW846 8260D
Lead		6.8	2.2	0.45	mg/kg	SW846 6010D
JD95163-3	**SB-102 (13-15)**					
n-Butylbenzene [a]		1.72	0.13		mg/kg	SW846 8260D
sec-Butylbenzene [a]		0.411	0.13		mg/kg	SW846 8260D
tert-Butylbenzene [a]		0.136	0.13		mg/kg	SW846 8260D
Isopropylbenzene [a]		0.457	0.13		mg/kg	SW846 8260D
p-Isopropyltoluene [a]		0.263	0.13		mg/kg	SW846 8260D
n-Propylbenzene [a]		1.88	0.13		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene [a]		6.21	0.13		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene [a]		3.50	0.13		mg/kg	SW846 8260D
Lead		7.7	1.7	0.36	mg/kg	SW846 6010D
JD95163-4	**SB-102 (15-17)**					
1,2,4-Trimethylbenzene [a]		0.320	0.11		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene [a]		0.197	0.11		mg/kg	SW846 8260D
Lead		8.5	2.2	0.46	mg/kg	SW846 6010D
JD95163-5	**SB-103 (13-15)**					
Benzene [c]		0.631	0.028		mg/kg	SW846 8260D
n-Butylbenzene [c]		1.67	0.11		mg/kg	SW846 8260D
sec-Butylbenzene [c]		0.373	0.11		mg/kg	SW846 8260D
tert-Butylbenzene [c]		0.165	0.11		mg/kg	SW846 8260D
Ethylbenzene [c]		6.31	0.057		mg/kg	SW846 8260D
Isopropylbenzene [c]		0.948	0.11		mg/kg	SW846 8260D
p-Isopropyltoluene [c]		0.233	0.11		mg/kg	SW846 8260D
Naphthalene [c]		2.99	0.28		mg/kg	SW846 8260D
n-Propylbenzene [c]		3.47	0.11		mg/kg	SW846 8260D
Toluene [c]		0.766	0.057		mg/kg	SW846 8260D

Summary of Hits

Job Number: JD95163
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/28/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
1,2,4-Trimethylbenzene		19.7	1.1		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene [c]		6.13	0.11		mg/kg	SW846 8260D
m,p-Xylene [c]		17.5	0.057		mg/kg	SW846 8260D
o-Xylene [c]		6.22	0.057		mg/kg	SW846 8260D
Lead		5.9	1.6	0.33	mg/kg	SW846 6010D
JD95163-6	**SB-103 (9-11)**					
Acetone [b]		0.0159	0.011		mg/kg	SW846 8260D
Lead		8.3	2.2	0.45	mg/kg	SW846 6010D
JD95163-6A	**SB-103 (9-11)**					
pH, SPLP Leachate		8.50			su	SW846 1312
Volume, SPLP Leachate		2.002			l	SW846 1312
Weight, SPLP Leachate		0.1001			kg	SW846 1312
Dry Weight, SPLP Leachate		0.08709			kg	SW846 1312
Lead		2.6 B	15	1.8	ug/l	SW846 6010D
JD95163-7	**TRIP BLANK**					
Acetone [b]		0.0126	0.010		mg/kg	SW846 8260D

(a) Dilution required due to high concentration of non-target compound.
(b) Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(c) Dilution required due to high concentration of target compound.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A (13-15)		
Lab Sample ID:	JD95163-1	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	88.7
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2R12497.D	1	09/04/24 14:04	JN	n/a	n/a	V2R395
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	12.7 g	10.0 ml	100 ul
Run #2			

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.51	mg/kg	
107-13-1	Acrylonitrile	ND	0.51	mg/kg	
71-43-2	Benzene	ND	0.025	mg/kg	
108-86-1	Bromobenzene	ND	0.25	mg/kg	
74-97-5	Bromochloromethane	ND	0.25	mg/kg	
75-27-4	Bromodichloromethane	ND	0.10	mg/kg	
75-25-2	Bromoform	ND	0.25	mg/kg	
74-83-9	Bromomethane	ND	0.25	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.51	mg/kg	
104-51-8	n-Butylbenzene	0.737	0.10	mg/kg	
135-98-8	sec-Butylbenzene	0.209	0.10	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.10	mg/kg	
75-15-0	Carbon disulfide	ND	0.10	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.10	mg/kg	
108-90-7	Chlorobenzene	ND	0.10	mg/kg	
75-00-3	Chloroethane	ND	0.25	mg/kg	
67-66-3	Chloroform	ND	0.10	mg/kg	
74-87-3	Chloromethane [b]	ND	0.25	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.10	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.10	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.10	mg/kg	
124-48-1	Dibromochloromethane	ND	0.10	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.051	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.051	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.051	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.051	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene [b]	ND	0.25	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.25	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.051	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.051	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.051	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.051	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A (13-15)		
Lab Sample ID:	JD95163-1	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	88.7
Project:	Eversource, Berlin, CT		

4.1

4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.051	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.10	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.10	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.10	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.10	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.10	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.10	mg/kg	
123-91-1	1,4-Dioxane	ND	6.3	mg/kg	
60-29-7	Ethyl Ether	ND	0.10	mg/kg	
100-41-4	Ethylbenzene	ND	0.051	mg/kg	
76-13-1	Freon 113	ND	0.25	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.25	mg/kg	
591-78-6	2-Hexanone	ND	0.25	mg/kg	
98-82-8	Isopropylbenzene	ND	0.10	mg/kg	
99-87-6	p-Isopropyltoluene	0.115	0.10	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.051	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.25	mg/kg	
74-95-3	Methylene bromide	ND	0.25	mg/kg	
75-09-2	Methylene chloride	ND	0.25	mg/kg	
91-20-3	Naphthalene	ND	0.25	mg/kg	
103-65-1	n-Propylbenzene	0.467	0.10	mg/kg	
100-42-5	Styrene	ND	0.10	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.10	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.10	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.10	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.10	mg/kg	
127-18-4	Tetrachloroethene	ND	0.10	mg/kg	
109-99-9	Tetrahydrofuran [b]	ND	0.51	mg/kg	
108-88-3	Toluene	ND	0.051	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.25	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.25	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.10	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.10	mg/kg	
79-01-6	Trichloroethene	ND	0.051	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.25	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.25	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	0.857	0.10	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	0.794	0.10	mg/kg	
75-01-4	Vinyl chloride	ND	0.10	mg/kg	
	m,p-Xylene	ND	0.051	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A (13-15)		
Lab Sample ID:	JD95163-1	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	88.7
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	0.051	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	85%		80-124%
17060-07-0	1,2-Dichloroethane-D4	90%		75-133%
2037-26-5	Toluene-D8	118%		79-125%
460-00-4	4-Bromofluorobenzene	99%		58-148%

(a) Dilution required due to high concentration of non-target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID: MW-13A (13-15)
Lab Sample ID: JD95163-1
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 08/28/24
Date Received: 08/29/24
Percent Solids: 88.7

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	8.3	2.3	0.48	mg/kg	1	09/03/24	09/04/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56816
(2) Prep QC Batch: MP48928

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A (15-17)		
Lab Sample ID:	JD95163-2	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	92.4
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C189668.D	1	09/03/24 22:31	PS	n/a	n/a	V3C8258
Run #2							

	Initial Weight
Run #1	6.1 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0094	0.0089	mg/kg	
107-13-1	Acrylonitrile [b]	ND	0.0089	mg/kg	
71-43-2	Benzene	ND	0.00044	mg/kg	
108-86-1	Bromobenzene	ND	0.0044	mg/kg	
74-97-5	Bromochloromethane	ND	0.0044	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0018	mg/kg	
75-25-2	Bromoform	ND	0.0044	mg/kg	
74-83-9	Bromomethane	ND	0.0044	mg/kg	
78-93-3	2-Butanone (MEK) [a]	ND	0.0089	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0018	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0018	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0018	mg/kg	
75-15-0	Carbon disulfide	ND	0.0018	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0018	mg/kg	
108-90-7	Chlorobenzene	ND	0.0018	mg/kg	
75-00-3	Chloroethane [c]	ND	0.0044	mg/kg	
67-66-3	Chloroform	ND	0.0018	mg/kg	
74-87-3	Chloromethane	ND	0.0044	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0018	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0018	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0018	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0018	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00089	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00089	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00089	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00089	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0044	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0044	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00089	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00089	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.00089	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00089	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A (15-17)		
Lab Sample ID:	JD95163-2	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	92.4
Project:	Eversource, Berlin, CT		

4.2
4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.00089	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0018	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0018	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0018	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0018	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0018	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0018	mg/kg	
123-91-1	1,4-Dioxane [c]	ND	0.11	mg/kg	
60-29-7	Ethyl Ether	ND	0.0018	mg/kg	
100-41-4	Ethylbenzene	ND	0.00089	mg/kg	
76-13-1	Freon 113	ND	0.0044	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0044	mg/kg	
591-78-6	2-Hexanone	ND	0.0044	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0018	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0018	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00089	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	0.0044	mg/kg	
74-95-3	Methylene bromide	ND	0.0044	mg/kg	
75-09-2	Methylene chloride	ND	0.0044	mg/kg	
91-20-3	Naphthalene	ND	0.0044	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0018	mg/kg	
100-42-5	Styrene	ND	0.0018	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.0018	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.0018	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0018	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0018	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0018	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.0089	mg/kg	
108-88-3	Toluene	ND	0.00089	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0044	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0044	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0018	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0018	mg/kg	
79-01-6	Trichloroethene	ND	0.00089	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0044	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0044	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0018	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0018	mg/kg	
75-01-4	Vinyl chloride	ND	0.0018	mg/kg	
	m,p-Xylene	ND	0.00089	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A (15-17)		
Lab Sample ID:	JD95163-2	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	92.4
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	0.00089	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-124%
17060-07-0	1,2-Dichloroethane-D4	107%		75-133%
2037-26-5	Toluene-D8	100%		79-125%
460-00-4	4-Bromofluorobenzene	100%		58-148%

(a) Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(b) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A (15-17)		
Lab Sample ID:	JD95163-2	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
		Percent Solids:	92.4
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	6.8	2.2	0.45	mg/kg	1	09/03/24	09/04/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56816
(2) Prep QC Batch: MP48928

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-102 (13-15)		
Lab Sample ID:	JD95163-3	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	77.5
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2R12500.D	1	09/04/24 15:19	JN	n/a	n/a	V2R395
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	13.1 g	10.0 ml	100 ul
Run #2			

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.64	mg/kg	
107-13-1	Acrylonitrile	ND	0.64	mg/kg	
71-43-2	Benzene	ND	0.032	mg/kg	
108-86-1	Bromobenzene	ND	0.32	mg/kg	
74-97-5	Bromochloromethane	ND	0.32	mg/kg	
75-27-4	Bromodichloromethane	ND	0.13	mg/kg	
75-25-2	Bromoform	ND	0.32	mg/kg	
74-83-9	Bromomethane	ND	0.32	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.64	mg/kg	
104-51-8	n-Butylbenzene	1.72	0.13	mg/kg	
135-98-8	sec-Butylbenzene	0.411	0.13	mg/kg	
98-06-6	tert-Butylbenzene	0.136	0.13	mg/kg	
75-15-0	Carbon disulfide	ND	0.13	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.13	mg/kg	
108-90-7	Chlorobenzene	ND	0.13	mg/kg	
75-00-3	Chloroethane	ND	0.32	mg/kg	
67-66-3	Chloroform	ND	0.13	mg/kg	
74-87-3	Chloromethane [b]	ND	0.32	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.13	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.13	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.13	mg/kg	
124-48-1	Dibromochloromethane	ND	0.13	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.064	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.064	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.064	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.064	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene [b]	ND	0.32	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.32	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.064	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.064	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.064	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.064	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-102 (13-15)		
Lab Sample ID:	JD95163-3	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	77.5
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.064	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.13	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.13	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.13	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.13	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.13	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.13	mg/kg	
123-91-1	1,4-Dioxane	ND	8.0	mg/kg	
60-29-7	Ethyl Ether	ND	0.13	mg/kg	
100-41-4	Ethylbenzene	ND	0.064	mg/kg	
76-13-1	Freon 113	ND	0.32	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.32	mg/kg	
591-78-6	2-Hexanone	ND	0.32	mg/kg	
98-82-8	Isopropylbenzene	0.457	0.13	mg/kg	
99-87-6	p-Isopropyltoluene	0.263	0.13	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.064	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.32	mg/kg	
74-95-3	Methylene bromide	ND	0.32	mg/kg	
75-09-2	Methylene chloride	ND	0.32	mg/kg	
91-20-3	Naphthalene	ND	0.32	mg/kg	
103-65-1	n-Propylbenzene	1.88	0.13	mg/kg	
100-42-5	Styrene	ND	0.13	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.13	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.13	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.13	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.13	mg/kg	
127-18-4	Tetrachloroethene	ND	0.13	mg/kg	
109-99-9	Tetrahydrofuran [b]	ND	0.64	mg/kg	
108-88-3	Toluene	ND	0.064	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.32	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.32	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.13	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.13	mg/kg	
79-01-6	Trichloroethene	ND	0.064	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.32	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.32	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	6.21	0.13	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	3.50	0.13	mg/kg	
75-01-4	Vinyl chloride	ND	0.13	mg/kg	
	m,p-Xylene	ND	0.064	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-102 (13-15)		
Lab Sample ID:	JD95163-3	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	77.5
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	0.064	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	85%		80-124%
17060-07-0	1,2-Dichloroethane-D4	90%		75-133%
2037-26-5	Toluene-D8	115%		79-125%
460-00-4	4-Bromofluorobenzene	101%		58-148%

(a) Dilution required due to high concentration of non-target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-102 (13-15)		
Lab Sample ID:	JD95163-3	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
		Percent Solids:	77.5
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	7.7	1.7	0.36	mg/kg	1	09/03/24	09/04/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56816
(2) Prep QC Batch: MP48928

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-102 (15-17)		
Lab Sample ID:	JD95163-4	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	88.2
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2R12501.D	1	09/04/24 15:44	JN	n/a	n/a	V2R395
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	11.9 g	10.0 ml	100 ul
Run #2			

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.54	mg/kg	
107-13-1	Acrylonitrile	ND	0.54	mg/kg	
71-43-2	Benzene	ND	0.027	mg/kg	
108-86-1	Bromobenzene	ND	0.27	mg/kg	
74-97-5	Bromochloromethane	ND	0.27	mg/kg	
75-27-4	Bromodichloromethane	ND	0.11	mg/kg	
75-25-2	Bromoform	ND	0.27	mg/kg	
74-83-9	Bromomethane	ND	0.27	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.54	mg/kg	
104-51-8	n-Butylbenzene	ND	0.11	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.11	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.11	mg/kg	
75-15-0	Carbon disulfide	ND	0.11	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.11	mg/kg	
108-90-7	Chlorobenzene	ND	0.11	mg/kg	
75-00-3	Chloroethane	ND	0.27	mg/kg	
67-66-3	Chloroform	ND	0.11	mg/kg	
74-87-3	Chloromethane [b]	ND	0.27	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.11	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.11	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.11	mg/kg	
124-48-1	Dibromochloromethane	ND	0.11	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.054	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.054	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.054	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.054	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene [b]	ND	0.27	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.27	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.054	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.054	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.054	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.054	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-102 (15-17)		
Lab Sample ID:	JD95163-4	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	88.2
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.054	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.11	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.11	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.11	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.11	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.11	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.11	mg/kg	
123-91-1	1,4-Dioxane	ND	6.8	mg/kg	
60-29-7	Ethyl Ether	ND	0.11	mg/kg	
100-41-4	Ethylbenzene	ND	0.054	mg/kg	
76-13-1	Freon 113	ND	0.27	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.27	mg/kg	
591-78-6	2-Hexanone	ND	0.27	mg/kg	
98-82-8	Isopropylbenzene	ND	0.11	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.11	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.054	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.27	mg/kg	
74-95-3	Methylene bromide	ND	0.27	mg/kg	
75-09-2	Methylene chloride	ND	0.27	mg/kg	
91-20-3	Naphthalene	ND	0.27	mg/kg	
103-65-1	n-Propylbenzene	ND	0.11	mg/kg	
100-42-5	Styrene	ND	0.11	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.11	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.11	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.11	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.11	mg/kg	
127-18-4	Tetrachloroethene	ND	0.11	mg/kg	
109-99-9	Tetrahydrofuran [b]	ND	0.54	mg/kg	
108-88-3	Toluene	ND	0.054	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.27	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.27	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.11	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.11	mg/kg	
79-01-6	Trichloroethene	ND	0.054	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.27	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.27	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	0.320	0.11	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	0.197	0.11	mg/kg	
75-01-4	Vinyl chloride	ND	0.11	mg/kg	
	m,p-Xylene	ND	0.054	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-102 (15-17)		
Lab Sample ID:	JD95163-4	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	88.2
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	0.054	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	85%		80-124%
17060-07-0	1,2-Dichloroethane-D4	89%		75-133%
2037-26-5	Toluene-D8	107%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

(a) Dilution required due to high concentration of non-target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID: SB-102 (15-17)
Lab Sample ID: JD95163-4
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 08/28/24
Date Received: 08/29/24
Percent Solids: 88.2

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	8.5	2.2	0.46	mg/kg	1	09/03/24	09/04/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56816
(2) Prep QC Batch: MP48928

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-103 (13-15)		
Lab Sample ID:	JD95163-5	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	80.3
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2R12502.D	1	09/04/24 16:10	JN	n/a	n/a	V2R395
Run #2	2R12535.D	1	09/05/24 15:21	JN	n/a	n/a	V2R396

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	14.0 g	10.0 ml	100 ul
Run #2	14.0 g	10.0 ml	10.0 ul

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.57	mg/kg	
107-13-1	Acrylonitrile	ND	0.57	mg/kg	
71-43-2	Benzene	0.631	0.028	mg/kg	
108-86-1	Bromobenzene	ND	0.28	mg/kg	
74-97-5	Bromochloromethane	ND	0.28	mg/kg	
75-27-4	Bromodichloromethane	ND	0.11	mg/kg	
75-25-2	Bromoform	ND	0.28	mg/kg	
74-83-9	Bromomethane	ND	0.28	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.57	mg/kg	
104-51-8	n-Butylbenzene	1.67	0.11	mg/kg	
135-98-8	sec-Butylbenzene	0.373	0.11	mg/kg	
98-06-6	tert-Butylbenzene	0.165	0.11	mg/kg	
75-15-0	Carbon disulfide	ND	0.11	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.11	mg/kg	
108-90-7	Chlorobenzene	ND	0.11	mg/kg	
75-00-3	Chloroethane	ND	0.28	mg/kg	
67-66-3	Chloroform	ND	0.11	mg/kg	
74-87-3	Chloromethane [b]	ND	0.28	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.11	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.11	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.11	mg/kg	
124-48-1	Dibromochloromethane	ND	0.11	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.057	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.057	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.057	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.057	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene [b]	ND	0.28	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.28	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.057	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.057	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.057	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.057	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-103 (13-15)		
Lab Sample ID:	JD95163-5	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	80.3
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.057	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.11	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.11	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.11	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.11	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.11	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.11	mg/kg	
123-91-1	1,4-Dioxane	ND	7.1	mg/kg	
60-29-7	Ethyl Ether	ND	0.11	mg/kg	
100-41-4	Ethylbenzene	6.31	0.057	mg/kg	
76-13-1	Freon 113	ND	0.28	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.28	mg/kg	
591-78-6	2-Hexanone	ND	0.28	mg/kg	
98-82-8	Isopropylbenzene	0.948	0.11	mg/kg	
99-87-6	p-Isopropyltoluene	0.233	0.11	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.057	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.28	mg/kg	
74-95-3	Methylene bromide	ND	0.28	mg/kg	
75-09-2	Methylene chloride	ND	0.28	mg/kg	
91-20-3	Naphthalene	2.99	0.28	mg/kg	
103-65-1	n-Propylbenzene	3.47	0.11	mg/kg	
100-42-5	Styrene	ND	0.11	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.11	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.11	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.11	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.11	mg/kg	
127-18-4	Tetrachloroethene	ND	0.11	mg/kg	
109-99-9	Tetrahydrofuran [b]	ND	0.57	mg/kg	
108-88-3	Toluene	0.766	0.057	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.28	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.28	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.11	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.11	mg/kg	
79-01-6	Trichloroethene	ND	0.057	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.28	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.28	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	19.7 [c]	1.1	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	6.13	0.11	mg/kg	
75-01-4	Vinyl chloride	ND	0.11	mg/kg	
	m,p-Xylene	17.5	0.057	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-103 (13-15)		
Lab Sample ID:	JD95163-5	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	80.3
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	6.22	0.057	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	84%	90%	80-124%
17060-07-0	1,2-Dichloroethane-D4	89%	92%	75-133%
2037-26-5	Toluene-D8	115%	106%	79-125%
460-00-4	4-Bromofluorobenzene	98%	101%	58-148%

(a) Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(c) Result is from Run# 2

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID: SB-103 (13-15)
Lab Sample ID: JD95163-5
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 08/28/24
Date Received: 08/29/24
Percent Solids: 80.3

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	5.9	1.6	0.33	mg/kg	1	09/03/24	09/04/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56816
(2) Prep QC Batch: MP48928

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-103 (9-11)		
Lab Sample ID:	JD95163-6	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	87.0
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C189669.D	1	09/03/24 22:57	PS	n/a	n/a	V3C8258
Run #2							

	Initial Weight
Run #1	5.4 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0159	0.011	mg/kg	
107-13-1	Acrylonitrile [b]	ND	0.011	mg/kg	
71-43-2	Benzene	ND	0.00053	mg/kg	
108-86-1	Bromobenzene	ND	0.0053	mg/kg	
74-97-5	Bromochloromethane	ND	0.0053	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0021	mg/kg	
75-25-2	Bromoform	ND	0.0053	mg/kg	
74-83-9	Bromomethane	ND	0.0053	mg/kg	
78-93-3	2-Butanone (MEK) [a]	ND	0.011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0021	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0021	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0021	mg/kg	
75-15-0	Carbon disulfide	ND	0.0021	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0021	mg/kg	
108-90-7	Chlorobenzene	ND	0.0021	mg/kg	
75-00-3	Chloroethane [c]	ND	0.0053	mg/kg	
67-66-3	Chloroform	ND	0.0021	mg/kg	
74-87-3	Chloromethane	ND	0.0053	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0021	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0021	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0021	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0021	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0011	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0011	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0011	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0053	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0053	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0011	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.0011	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-103 (9-11)		
Lab Sample ID:	JD95163-6	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	87.0
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0021	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0021	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0021	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0021	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0021	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0021	mg/kg	
123-91-1	1,4-Dioxane [c]	ND	0.13	mg/kg	
60-29-7	Ethyl Ether	ND	0.0021	mg/kg	
100-41-4	Ethylbenzene	ND	0.0011	mg/kg	
76-13-1	Freon 113	ND	0.0053	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0053	mg/kg	
591-78-6	2-Hexanone	ND	0.0053	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0021	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0021	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	0.0053	mg/kg	
74-95-3	Methylene bromide	ND	0.0053	mg/kg	
75-09-2	Methylene chloride	ND	0.0053	mg/kg	
91-20-3	Naphthalene	ND	0.0053	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0021	mg/kg	
100-42-5	Styrene	ND	0.0021	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.0021	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.0021	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0021	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0021	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0021	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.011	mg/kg	
108-88-3	Toluene	ND	0.0011	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0053	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0053	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0021	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0021	mg/kg	
79-01-6	Trichloroethene	ND	0.0011	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0053	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0053	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0021	mg/kg	
75-01-4	Vinyl chloride	ND	0.0021	mg/kg	
	m,p-Xylene	ND	0.0011	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-103 (9-11)		
Lab Sample ID:	JD95163-6	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	87.0
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	0.0011	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-124%
17060-07-0	1,2-Dichloroethane-D4	108%		75-133%
2037-26-5	Toluene-D8	100%		79-125%
460-00-4	4-Bromofluorobenzene	99%		58-148%

(a) Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(b) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-103 (9-11)		
Lab Sample ID:	JD95163-6	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
		Percent Solids:	87.0
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	8.3	2.2	0.45	mg/kg	1	09/03/24	09/04/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56816
(2) Prep QC Batch: MP48928

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-103 (9-11)		
Lab Sample ID:	JD95163-6A	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
		Percent Solids:	87.0
Project:	Eversource, Berlin, CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	MDL	Units	DF	Prep	Analyzed	By	Method
Lead	2.6 B		15	1.8	ug/l	1	09/03/24	09/05/24	KP	SW846 6010D [1]

(1) Instrument QC Batch: MA56811
(2) Prep QC Batch: MP48958

RL = Reporting Limit MDL = Method Detection Limit U = Indicates a result < MDL
MCL = Maximum Contamination Level (not available) B = Indicates a result > = MDL but < RL

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-103 (9-11)		
Lab Sample ID:	JD95163-6A	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
		Percent Solids:	87.0
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	8.50		su	1	09/01/24 09:50	IA	SW846 1312
Volume, SPLP Leachate	2.002		l	1	09/01/24 09:50	IA	SW846 1312
Weight, SPLP Leachate	0.1001		kg	1	09/01/24 09:50	IA	SW846 1312
Dry Weight, SPLP Leachate	0.08709		kg	1	09/01/24 09:50	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD95163-7	**Date Sampled:**	08/28/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C189662.D	1	09/03/24 19:54	PS	n/a	n/a	V3C8258
Run #2							

	Initial Weight
Run #1	5.0 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0126	0.010	mg/kg	
107-13-1	Acrylonitrile [b]	ND	0.010	mg/kg	
71-43-2	Benzene	ND	0.00050	mg/kg	
108-86-1	Bromobenzene	ND	0.0050	mg/kg	
74-97-5	Bromochloromethane	ND	0.0050	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0020	mg/kg	
75-25-2	Bromoform	ND	0.0050	mg/kg	
74-83-9	Bromomethane	ND	0.0050	mg/kg	
78-93-3	2-Butanone (MEK) [a]	ND	0.010	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0020	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0020	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0020	mg/kg	
75-15-0	Carbon disulfide	ND	0.0020	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0020	mg/kg	
108-90-7	Chlorobenzene	ND	0.0020	mg/kg	
75-00-3	Chloroethane [c]	ND	0.0050	mg/kg	
67-66-3	Chloroform	ND	0.0020	mg/kg	
74-87-3	Chloromethane	ND	0.0050	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0020	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0020	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0020	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0010	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0050	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0050	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0010	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0010	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0010	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.0010	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD95163-7	**Date Sampled:**	08/28/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

4.8
4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.0010	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0020	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0020	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0020	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0020	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0020	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0020	mg/kg	
123-91-1	1,4-Dioxane [c]	ND	0.13	mg/kg	
60-29-7	Ethyl Ether	ND	0.0020	mg/kg	
100-41-4	Ethylbenzene	ND	0.0010	mg/kg	
76-13-1	Freon 113	ND	0.0050	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0050	mg/kg	
591-78-6	2-Hexanone	ND	0.0050	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0020	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0020	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	0.0050	mg/kg	
74-95-3	Methylene bromide	ND	0.0050	mg/kg	
75-09-2	Methylene chloride	ND	0.0050	mg/kg	
91-20-3	Naphthalene	ND	0.0050	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0020	mg/kg	
100-42-5	Styrene	ND	0.0020	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.0020	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.0020	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0020	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0020	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0020	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.010	mg/kg	
108-88-3	Toluene	ND	0.0010	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0050	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0050	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0020	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0020	mg/kg	
79-01-6	Trichloroethene	ND	0.0010	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0050	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0050	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	mg/kg	
75-01-4	Vinyl chloride	ND	0.0020	mg/kg	
	m,p-Xylene	ND	0.0010	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD95163-7	**Date Sampled:**	08/28/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	0.0010	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-124%
17060-07-0	1,2-Dichloroethane-D4	103%		75-133%
2037-26-5	Toluene-D8	101%		79-125%
460-00-4	4-Bromofluorobenzene	96%		58-148%

(a) Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(b) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(c) Associated CCV outside of control limits high, sample was ND.

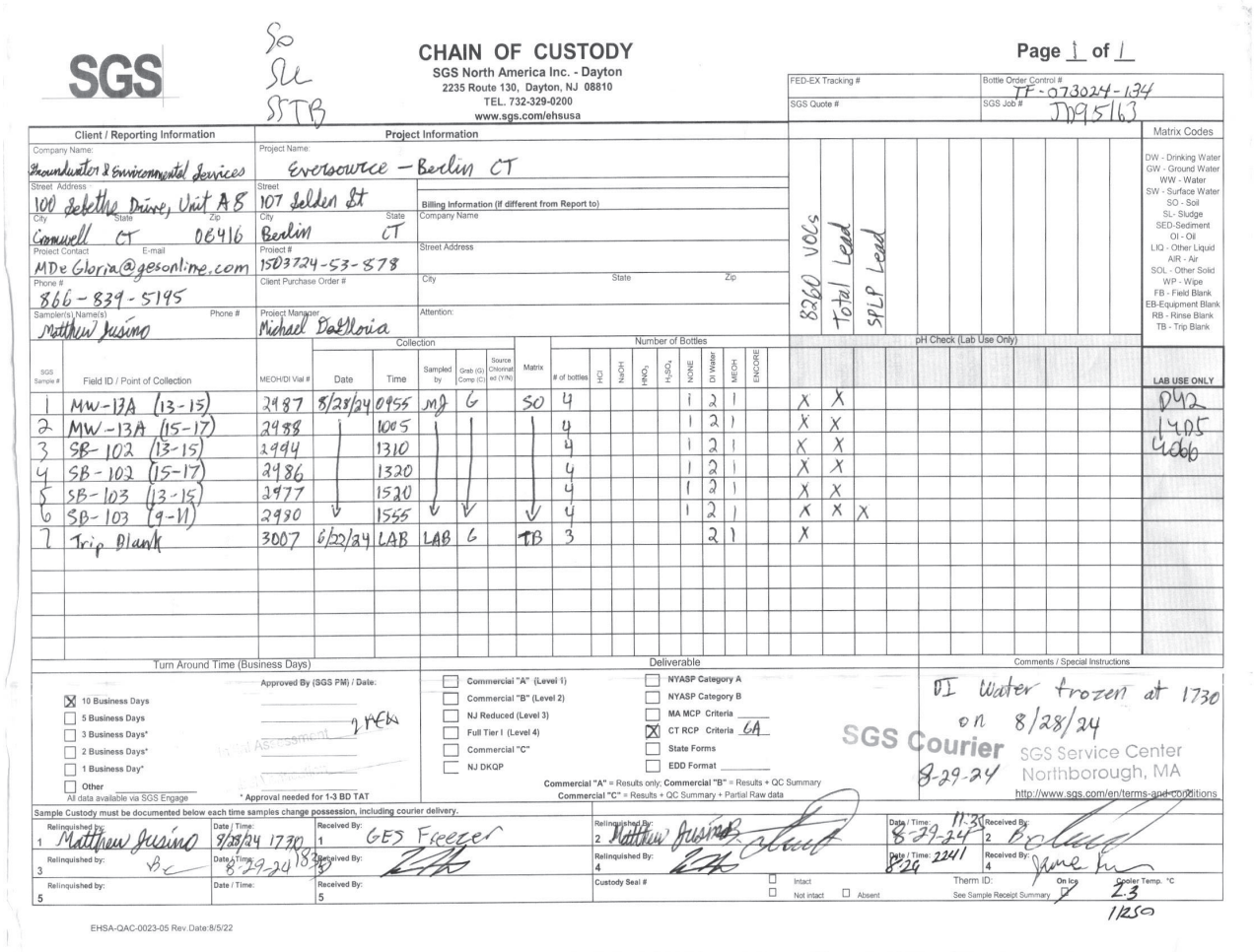
ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- RCP Form
- Sample Tracking Chronicle
- QC Evaluation: CT RCP Limits



SGS

SO
SL
STB

CHAIN OF CUSTODY
SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

Page 1 of 1

FED-EX Tracking #
Bottle Order Control # TF-073024-1.74
SGS Quote #
SGS Job # JD95163

Client / Reporting Information
Company Name: Groundwater & Environmental Services
Street Address: 100 Sebethe Drive, Unit A8
City: Cromwell State: CT Zip: 06416
Project Contact: MDe Gloria@gesonline.com E-mail:
Phone #: 866-839-5195
Sampler(s) Name(s): Matthew Jusino Phone #:

Project Information
Project Name: Eversource - Berlin CT
Street: 107 Selden St
City: Berlin State: CT
Project #: 1503724-53-878
Client Purchase Order #:
Project Manager: Michael DeGloria
Attention:

Billing Information (if different from Report to)
Company Name:
Street Address:
City State Zip:

8260 VOCs
Total Lead
SPLP Lead

Matrix Codes
DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)										LAB USE ONLY
1	MW-17A (13-15)	2987	8/28/24	0955	MJ	G		SO	4					1	2	1		X	X									D42
2	MW-13A (15-17)	2988		1005					4					1	2	1		X	X									1405
3	SB-102 (13-15)	2994		1310					4					1	2	1		X	X									4066
4	SB-102 (15-17)	2986		1320					4					1	2	1		X	X									
5	SB-103 (13-15)	2977		1520					4					1	2	1		X	X									
6	SB-103 (9-11)	2980		1555					4					1	2	1		X	X	X								
7	Trip Blank	3007	8/22/24	LAB	LAB	G		TB	3						2	1		X										

Turn Around Time (Business Days)
Approved By (SGS PM) / Date:
- [X] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other
All data available via SGS Engage
* Approval needed for 1-3 BD TAT

Deliverable
- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] MA MCP Criteria
- [X] CT RCP Criteria GA
- [ ] State Forms
- [ ] EDD Format

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions
DI Water frozen at 1730 on 8/28/24

SGS Courier 8-29-24
SGS Service Center Northborough, MA
http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished By:	Date / Time:	Received By:
1	Matthew Jusino	8/28/24 1730	GES Freezer
2	Matthew Jusino	8-29-24 11:30	
3		8-29-24 1830	
4		8-29-24 2241	
5			

Custody Seal # Intact Not intact Absent
Therm ID: On Ice Cooler Temp. °C 2.3 1125

EHSA-QAC-0023-05 Rev. Date:8/5/22

5.1 5

JD95163: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: JD95163 **Client:** GROUNDWATER & ENVIRONMENTAL S **Project:** EVERSOURCE, BERLIN, CT

Date / Time Received: 8/29/2024 10:41:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.3);

Cooler Temps (Corrected) °C: Cooler 1: (2.7);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-50		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

5.1 5

JD95163: Chain of Custody
Page 2 of 2

Reasonable Confidence Protocol
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: SGS North America Inc. **Client:** Groundwater & Environmental Services

Project Location: Eversource, Berlin, CT **Project Number:**

Sampling Date(s): 8/28/2024

Laboratory Sample ID(s): JD95163-1, JD95163-2, JD95163-3, JD95163-4, JD95163-5, JD95163-6, JD95163-7, JD95163-6A

5.2 5

Methods: EPA 160.3 M, NONE, SM2540 G 18TH ED MOD, SW846 1312, SW846 6010D, SW846 8260D

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 CTDEEP method-specific Reasonable Confidence Protocol documents)?	Yes ☑ No ☐
1A	Were all the method specified preservation and holding time requirements met?	Yes ☑ No ☐
1B	VPH and EPH Methods only:Was the VPH or EPH method conducted without significant modifications (see respective RCPs)	Yes ☐ No ☐ NA ☑
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes ☑ No ☐
3	Were samples received at an appropriate temperature (≤6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6ºC are acceptable .	Yes ☑ No ☐
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable ConfidenceProtocol documents achieved?	Yes ☑ No ☐
5	Were reporting limits specified or referenced on the chain-of-custody?	Yes ☑ No ☐
5A	Were these reporting limits / limits of quantitation 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 for applicable RCPs?	Yes ☑ No ☐

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence." This form may not be altered, and all questions must be answered .

I, the undersigned, attest under 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:  Position: General Manager

Printed Name: David Chastain Date: 9/9/2024

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD95163

Eversource, Berlin, CT
Project No: 1503724-53-878

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD95163-1	Collected: 28-AUG-24 09:55 By: MJ MW-13A (13-15)		Received: 29-AUG-24 By: JK			
JD95163-1	SW846 6010D	04-SEP-24 12:00	MM	03-SEP-24	BP	PB
JD95163-1	SW846 8260D	04-SEP-24 14:04	JN			V8260RCP
JD95163-1	SM2540 G 18TH ED MOD.	05-SEP-24 15:26	AM			SOL104
JD95163-2	Collected: 28-AUG-24 10:05 By: MJ MW-13A (15-17)		Received: 29-AUG-24 By: JK			
JD95163-2	SW846 8260D	03-SEP-24 22:31	PS			V8260RCP
JD95163-2	SW846 6010D	04-SEP-24 12:05	MM	03-SEP-24	BP	PB
JD95163-2	SM2540 G 18TH ED MOD.	05-SEP-24 15:26	AM			SOL104
JD95163-3	Collected: 28-AUG-24 13:10 By: MJ SB-102 (13-15)		Received: 29-AUG-24 By: JK			
JD95163-3	SW846 6010D	04-SEP-24 12:10	MM	03-SEP-24	BP	PB
JD95163-3	SW846 8260D	04-SEP-24 15:19	JN			V8260RCP
JD95163-3	SM2540 G 18TH ED MOD.	05-SEP-24 15:26	AM			SOL104
JD95163-4	Collected: 28-AUG-24 13:20 By: MJ SB-102 (15-17)		Received: 29-AUG-24 By: JK			
JD95163-4	SW846 6010D	04-SEP-24 12:15	MM	03-SEP-24	BP	PB
JD95163-4	SW846 8260D	04-SEP-24 15:44	JN			V8260RCP
JD95163-4	SM2540 G 18TH ED MOD.	05-SEP-24 15:26	AM			SOL104
JD95163-5	Collected: 28-AUG-24 15:20 By: MJ SB-103 (13-15)		Received: 29-AUG-24 By: JK			
JD95163-5	SW846 6010D	04-SEP-24 12:20	MM	03-SEP-24	BP	PB
JD95163-5	SW846 8260D	04-SEP-24 16:10	JN			V8260RCP
JD95163-5	SW846 8260D	05-SEP-24 15:21	JN			V8260RCP
JD95163-5	SM2540 G 18TH ED MOD.	05-SEP-24 15:26	AM			SOL104
JD95163-6	Collected: 28-AUG-24 15:55 By: MJ SB-103 (9-11)		Received: 29-AUG-24 By: JK			
JD95163-6	SW846 8260D	03-SEP-24 22:57	PS			V8260RCP

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD95163

Eversource, Berlin, CT
Project No: 1503724-53-878

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD95163-6	SW846 6010D	04-SEP-24 12:25	MM	03-SEP-24	BP	PB
JD95163-6	SM2540 G 18TH ED MOD	05-SEP-24 15:26	AM			SOL104
JD95163-7	Collected: 28-AUG-24 15:55 By: MJ		Received: 29-AUG-24 By: JK			
TRIP BLANK						
JD95163-7	SW846 8260D	03-SEP-24 19:54	PS			V8260RCP
JD95163-6A	Collected: 28-AUG-24 15:55 By: MJ		Received: 29-AUG-24 By: JK			
SB-103 (9-11)						
JD95163-6A	SW846 1312	01-SEP-24 09:50	IA			SPLPRATIO
JD95163-6A	SW846 6010D	05-SEP-24 03:15	KP	03-SEP-24	SK	EPB

QC Evaluation: CT RCP Limits

Job Number: JD95163
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/28/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V2R395	SW846 8260D						
V2R395-BS	67-64-1	Acetone	BSP	REC	82	%	70-130
V2R395-BS	107-13-1	Acrylonitrile	BSP	REC	86	%	70-130
V2R395-BS	71-43-2	Benzene	BSP	REC	96	%	70-130
V2R395-BS	108-86-1	Bromobenzene	BSP	REC	105	%	70-130
V2R395-BS	74-97-5	Bromochloromethane	BSP	REC	89	%	70-130
V2R395-BS	75-27-4	Bromodichloromethane	BSP	REC	88	%	70-130
V2R395-BS	75-25-2	Bromoform	BSP	REC	92	%	70-130
V2R395-BS	74-83-9	Bromomethane	BSP	REC	100	%	70-130
V2R395-BS	78-93-3	2-Butanone (MEK)	BSP	REC	101	%	70-130
V2R395-BS	104-51-8	n-Butylbenzene	BSP	REC	110	%	70-130
V2R395-BS	135-98-8	sec-Butylbenzene	BSP	REC	108	%	70-130
V2R395-BS	98-06-6	tert-Butylbenzene	BSP	REC	106	%	70-130
V2R395-BS	75-15-0	Carbon disulfide	BSP	REC	91	%	70-130
V2R395-BS	56-23-5	Carbon tetrachloride	BSP	REC	87	%	70-130
V2R395-BS	108-90-7	Chlorobenzene	BSP	REC	100	%	70-130
V2R395-BS	75-00-3	Chloroethane	BSP	REC	85	%	70-130
V2R395-BS	67-66-3	Chloroform	BSP	REC	82	%	70-130
V2R395-BS	74-87-3	Chloromethane	BSP	REC	72	%	70-130
V2R395-BS	95-49-8	o-Chlorotoluene	BSP	REC	105	%	70-130
V2R395-BS	106-43-4	p-Chlorotoluene	BSP	REC	102	%	70-130
V2R395-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	110	%	70-130
V2R395-BS	124-48-1	Dibromochloromethane	BSP	REC	95	%	70-130
V2R395-BS	106-93-4	1,2-Dibromoethane	BSP	REC	101	%	70-130
V2R395-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	108	%	70-130
V2R395-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	106	%	70-130
V2R395-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	105	%	70-130
V2R395-BS	110-57-6	Trans-1,4-Dichloro-2-Butene	BSP	REC	72	%	70-130
V2R395-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	104	%	70-130
V2R395-BS	75-34-3	1,1-Dichloroethane	BSP	REC	88	%	70-130
V2R395-BS	107-06-2	1,2-Dichloroethane	BSP	REC	80	%	70-130
V2R395-BS	75-35-4	1,1-Dichloroethene	BSP	REC	101	%	70-130
V2R395-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	88	%	70-130
V2R395-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	98	%	70-130
V2R395-BS	78-87-5	1,2-Dichloropropane	BSP	REC	92	%	70-130
V2R395-BS	142-28-9	1,3-Dichloropropane	BSP	REC	97	%	70-130
V2R395-BS	594-20-7	2,2-Dichloropropane	BSP	REC	89	%	70-130
V2R395-BS	563-58-6	1,1-Dichloropropene	BSP	REC	96	%	70-130
V2R395-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	94	%	70-130
V2R395-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	105	%	70-130
V2R395-BS	123-91-1	1,4-Dioxane	BSP	REC	109	%	70-130
V2R395-BS	60-29-7	Ethyl Ether	BSP	REC	97	%	70-130
V2R395-BS	100-41-4	Ethylbenzene	BSP	REC	95	%	70-130

* Sample used for QC is not from job JD95163

QC Evaluation: CT RCP Limits

Job Number: JD95163
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/28/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V2R395-BS	76-13-1	Freon 113	BSP	REC	103	%	70-130
V2R395-BS	87-68-3	Hexachlorobutadiene	BSP	REC	113	%	70-130
V2R395-BS	591-78-6	2-Hexanone	BSP	REC	92	%	70-130
V2R395-BS	98-82-8	Isopropylbenzene	BSP	REC	95	%	70-130
V2R395-BS	99-87-6	p-Isopropyltoluene	BSP	REC	106	%	70-130
V2R395-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	89	%	70-130
V2R395-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	90	%	70-130
V2R395-BS	74-95-3	Methylene bromide	BSP	REC	90	%	70-130
V2R395-BS	75-09-2	Methylene chloride	BSP	REC	88	%	70-130
V2R395-BS	91-20-3	Naphthalene	BSP	REC	113	%	70-130
V2R395-BS	103-65-1	n-Propylbenzene	BSP	REC	106	%	70-130
V2R395-BS	100-42-5	Styrene	BSP	REC	99	%	70-130
V2R395-BS	994-05-8	tert-Amyl Methyl Ether	BSP	REC	95	%	70-130
V2R395-BS	637-92-3	tert-Butyl Ethyl Ether	BSP	REC	91	%	70-130
V2R395-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	96	%	70-130
V2R395-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	105	%	70-130
V2R395-BS	127-18-4	Tetrachloroethene	BSP	REC	111	%	70-130
V2R395-BS	109-99-9	Tetrahydrofuran	BSP	REC	76	%	70-130
V2R395-BS	108-88-3	Toluene	BSP	REC	103	%	70-130
V2R395-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	114	%	70-130
V2R395-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	111	%	70-130
V2R395-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	88	%	70-130
V2R395-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	96	%	70-130
V2R395-BS	79-01-6	Trichloroethene	BSP	REC	98	%	70-130
V2R395-BS	75-69-4	Trichlorofluoromethane	BSP	REC	90	%	70-130
V2R395-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	104	%	70-130
V2R395-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	107	%	70-130
V2R395-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	106	%	70-130
V2R395-BS	75-01-4	Vinyl chloride	BSP	REC	83	%	70-130
V2R395-BS		m,p-Xylene	BSP	REC	98	%	70-130
V2R395-BS	95-47-6	o-Xylene	BSP	REC	95	%	70-130
V2R395-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	91	%	70-130
V2R395-BS	2037-26-5	Toluene-D8	BSP	SURR	106	%	70-130
V2R395-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	101	%	70-130
V2R395-BSD	67-64-1	Acetone	BSD	REC	82	%	70-130
V2R395-BSD	67-64-1	Acetone	BSD	RPD	0	%	20
V2R395-BSD	107-13-1	Acrylonitrile	BSD	REC	86	%	70-130
V2R395-BSD	107-13-1	Acrylonitrile	BSD	RPD	0	%	20
V2R395-BSD	71-43-2	Benzene	BSD	REC	92	%	70-130
V2R395-BSD	71-43-2	Benzene	BSD	RPD	3	%	20
V2R395-BSD	108-86-1	Bromobenzene	BSD	REC	102	%	70-130
V2R395-BSD	108-86-1	Bromobenzene	BSD	RPD	3	%	20
V2R395-BSD	74-97-5	Bromochloromethane	BSD	REC	94	%	70-130
V2R395-BSD	74-97-5	Bromochloromethane	BSD	RPD	5	%	20
V2R395-BSD	75-27-4	Bromodichloromethane	BSD	REC	87	%	70-130

* Sample used for QC is not from job JD95163

QC Evaluation: CT RCP Limits

Job Number: JD95163
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/28/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V2R395-BSD	75-27-4	Bromodichloromethane	BSD	RPD	1	%	20
V2R395-BSD	75-25-2	Bromoform	BSD	REC	90	%	70-130
V2R395-BSD	75-25-2	Bromoform	BSD	RPD	1	%	20
V2R395-BSD	74-83-9	Bromomethane	BSD	REC	115	%	70-130
V2R395-BSD	74-83-9	Bromomethane	BSD	RPD	13 [a]	%	20
V2R395-BSD	78-93-3	2-Butanone (MEK)	BSD	REC	100	%	70-130
V2R395-BSD	78-93-3	2-Butanone (MEK)	BSD	RPD	1	%	20
V2R395-BSD	104-51-8	n-Butylbenzene	BSD	REC	106	%	70-130
V2R395-BSD	104-51-8	n-Butylbenzene	BSD	RPD	4	%	20
V2R395-BSD	135-98-8	sec-Butylbenzene	BSD	REC	104	%	70-130
V2R395-BSD	135-98-8	sec-Butylbenzene	BSD	RPD	5	%	20
V2R395-BSD	98-06-6	tert-Butylbenzene	BSD	REC	100	%	70-130
V2R395-BSD	98-06-6	tert-Butylbenzene	BSD	RPD	5	%	20
V2R395-BSD	75-15-0	Carbon disulfide	BSD	REC	91	%	70-130
V2R395-BSD	75-15-0	Carbon disulfide	BSD	RPD	0	%	20
V2R395-BSD	56-23-5	Carbon tetrachloride	BSD	REC	89	%	70-130
V2R395-BSD	56-23-5	Carbon tetrachloride	BSD	RPD	2	%	20
V2R395-BSD	108-90-7	Chlorobenzene	BSD	REC	99	%	70-130
V2R395-BSD	108-90-7	Chlorobenzene	BSD	RPD	1	%	20
V2R395-BSD	75-00-3	Chloroethane	BSD	REC	85	%	70-130
V2R395-BSD	75-00-3	Chloroethane	BSD	RPD	0	%	20
V2R395-BSD	67-66-3	Chloroform	BSD	REC	83	%	70-130
V2R395-BSD	67-66-3	Chloroform	BSD	RPD	1	%	20
V2R395-BSD	74-87-3	Chloromethane	BSD	REC	73	%	70-130
V2R395-BSD	74-87-3	Chloromethane	BSD	RPD	2	%	20
V2R395-BSD	95-49-8	o-Chlorotoluene	BSD	REC	101	%	70-130
V2R395-BSD	95-49-8	o-Chlorotoluene	BSD	RPD	3	%	20
V2R395-BSD	106-43-4	p-Chlorotoluene	BSD	REC	98	%	70-130
V2R395-BSD	106-43-4	p-Chlorotoluene	BSD	RPD	5	%	20
V2R395-BSD	96-12-8	1,2-Dibromo-3-chloropropane	BSD	REC	105	%	70-130
V2R395-BSD	96-12-8	1,2-Dibromo-3-chloropropane	BSD	RPD	5	%	20
V2R395-BSD	124-48-1	Dibromochloromethane	BSD	REC	93	%	70-130
V2R395-BSD	124-48-1	Dibromochloromethane	BSD	RPD	3	%	20
V2R395-BSD	106-93-4	1,2-Dibromoethane	BSD	REC	100	%	70-130
V2R395-BSD	106-93-4	1,2-Dibromoethane	BSD	RPD	1	%	20
V2R395-BSD	95-50-1	1,2-Dichlorobenzene	BSD	REC	105	%	70-130
V2R395-BSD	95-50-1	1,2-Dichlorobenzene	BSD	RPD	3	%	20
V2R395-BSD	541-73-1	1,3-Dichlorobenzene	BSD	REC	103	%	70-130
V2R395-BSD	541-73-1	1,3-Dichlorobenzene	BSD	RPD	3	%	20
V2R395-BSD	106-46-7	1,4-Dichlorobenzene	BSD	REC	101	%	70-130
V2R395-BSD	106-46-7	1,4-Dichlorobenzene	BSD	RPD	4	%	20
V2R395-BSD	110-57-6	Trans-1,4-Dichloro-2-Butene	BSD	REC	75	%	70-130
V2R395-BSD	110-57-6	Trans-1,4-Dichloro-2-Butene	BSD	RPD	3	%	20
V2R395-BSD	75-71-8	Dichlorodifluoromethane	BSD	REC	104	%	70-130
V2R395-BSD	75-71-8	Dichlorodifluoromethane	BSD	RPD	1	%	20

* Sample used for QC is not from job JD95163

QC Evaluation: CT RCP Limits

Job Number: JD95163
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/28/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V2R395-BSD	75-34-3	1,1-Dichloroethane	BSD	REC	90	%	70-130
V2R395-BSD	75-34-3	1,1-Dichloroethane	BSD	RPD	2	%	20
V2R395-BSD	107-06-2	1,2-Dichloroethane	BSD	REC	79	%	70-130
V2R395-BSD	107-06-2	1,2-Dichloroethane	BSD	RPD	2	%	20
V2R395-BSD	75-35-4	1,1-Dichloroethene	BSD	REC	101	%	70-130
V2R395-BSD	75-35-4	1,1-Dichloroethene	BSD	RPD	0	%	20
V2R395-BSD	156-59-2	cis-1,2-Dichloroethene	BSD	REC	89	%	70-130
V2R395-BSD	156-59-2	cis-1,2-Dichloroethene	BSD	RPD	0	%	20
V2R395-BSD	156-60-5	trans-1,2-Dichloroethene	BSD	REC	97	%	70-130
V2R395-BSD	156-60-5	trans-1,2-Dichloroethene	BSD	RPD	2	%	20
V2R395-BSD	78-87-5	1,2-Dichloropropane	BSD	REC	91	%	70-130
V2R395-BSD	78-87-5	1,2-Dichloropropane	BSD	RPD	1	%	20
V2R395-BSD	142-28-9	1,3-Dichloropropane	BSD	REC	96	%	70-130
V2R395-BSD	142-28-9	1,3-Dichloropropane	BSD	RPD	1	%	20
V2R395-BSD	594-20-7	2,2-Dichloropropane	BSD	REC	88	%	70-130
V2R395-BSD	594-20-7	2,2-Dichloropropane	BSD	RPD	1	%	20
V2R395-BSD	563-58-6	1,1-Dichloropropene	BSD	REC	96	%	70-130
V2R395-BSD	563-58-6	1,1-Dichloropropene	BSD	RPD	0	%	20
V2R395-BSD	10061-01-5	cis-1,3-Dichloropropene	BSD	REC	93	%	70-130
V2R395-BSD	10061-01-5	cis-1,3-Dichloropropene	BSD	RPD	0	%	20
V2R395-BSD	10061-02-6	trans-1,3-Dichloropropene	BSD	REC	103	%	70-130
V2R395-BSD	10061-02-6	trans-1,3-Dichloropropene	BSD	RPD	2	%	20
V2R395-BSD	123-91-1	1,4-Dioxane	BSD	REC	109	%	70-130
V2R395-BSD	123-91-1	1,4-Dioxane	BSD	RPD	0	%	20
V2R395-BSD	60-29-7	Ethyl Ether	BSD	REC	98	%	70-130
V2R395-BSD	60-29-7	Ethyl Ether	BSD	RPD	0	%	20
V2R395-BSD	100-41-4	Ethylbenzene	BSD	REC	94	%	70-130
V2R395-BSD	100-41-4	Ethylbenzene	BSD	RPD	2	%	20
V2R395-BSD	76-13-1	Freon 113	BSD	REC	104	%	70-130
V2R395-BSD	76-13-1	Freon 113	BSD	RPD	1	%	20
V2R395-BSD	87-68-3	Hexachlorobutadiene	BSD	REC	108	%	70-130
V2R395-BSD	87-68-3	Hexachlorobutadiene	BSD	RPD	4	%	20
V2R395-BSD	591-78-6	2-Hexanone	BSD	REC	91	%	70-130
V2R395-BSD	591-78-6	2-Hexanone	BSD	RPD	1	%	20
V2R395-BSD	98-82-8	Isopropylbenzene	BSD	REC	96	%	70-130
V2R395-BSD	98-82-8	Isopropylbenzene	BSD	RPD	0	%	20
V2R395-BSD	99-87-6	p-Isopropyltoluene	BSD	REC	102	%	70-130
V2R395-BSD	99-87-6	p-Isopropyltoluene	BSD	RPD	4	%	20
V2R395-BSD	1634-04-4	Methyl Tert Butyl Ether	BSD	REC	92	%	70-130
V2R395-BSD	1634-04-4	Methyl Tert Butyl Ether	BSD	RPD	3	%	20
V2R395-BSD	108-10-1	4-Methyl-2-pentanone(MIBK)	BSD	REC	88	%	70-130
V2R395-BSD	108-10-1	4-Methyl-2-pentanone(MIBK)	BSD	RPD	1	%	20
V2R395-BSD	74-95-3	Methylene bromide	BSD	REC	88	%	70-130
V2R395-BSD	74-95-3	Methylene bromide	BSD	RPD	2	%	20
V2R395-BSD	75-09-2	Methylene chloride	BSD	REC	89	%	70-130

* Sample used for QC is not from job JD95163

QC Evaluation: CT RCP Limits

Job Number: JD95163
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/28/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V2R395-BSD	75-09-2	Methylene chloride	BSD	RPD	1	%	20
V2R395-BSD	91-20-3	Naphthalene	BSD	REC	110	%	70-130
V2R395-BSD	91-20-3	Naphthalene	BSD	RPD	3	%	20
V2R395-BSD	103-65-1	n-Propylbenzene	BSD	REC	102	%	70-130
V2R395-BSD	103-65-1	n-Propylbenzene	BSD	RPD	4	%	20
V2R395-BSD	100-42-5	Styrene	BSD	REC	101	%	70-130
V2R395-BSD	100-42-5	Styrene	BSD	RPD	2	%	20
V2R395-BSD	994-05-8	tert-Amyl Methyl Ether	BSD	REC	95	%	70-130
V2R395-BSD	994-05-8	tert-Amyl Methyl Ether	BSD	RPD	0	%	20
V2R395-BSD	637-92-3	tert-Butyl Ethyl Ether	BSD	REC	94	%	70-130
V2R395-BSD	637-92-3	tert-Butyl Ethyl Ether	BSD	RPD	3	%	20
V2R395-BSD	630-20-6	1,1,1,2-Tetrachloroethane	BSD	REC	95	%	70-130
V2R395-BSD	630-20-6	1,1,1,2-Tetrachloroethane	BSD	RPD	1	%	20
V2R395-BSD	79-34-5	1,1,2,2-Tetrachloroethane	BSD	REC	102	%	70-130
V2R395-BSD	79-34-5	1,1,2,2-Tetrachloroethane	BSD	RPD	3	%	20
V2R395-BSD	127-18-4	Tetrachloroethene	BSD	REC	110	%	70-130
V2R395-BSD	127-18-4	Tetrachloroethene	BSD	RPD	1	%	20
V2R395-BSD	109-99-9	Tetrahydrofuran	BSD	REC	76	%	70-130
V2R395-BSD	109-99-9	Tetrahydrofuran	BSD	RPD	0	%	20
V2R395-BSD	108-88-3	Toluene	BSD	REC	101	%	70-130
V2R395-BSD	108-88-3	Toluene	BSD	RPD	2	%	20
V2R395-BSD	87-61-6	1,2,3-Trichlorobenzene	BSD	REC	108	%	70-130
V2R395-BSD	87-61-6	1,2,3-Trichlorobenzene	BSD	RPD	5	%	20
V2R395-BSD	120-82-1	1,2,4-Trichlorobenzene	BSD	REC	107	%	70-130
V2R395-BSD	120-82-1	1,2,4-Trichlorobenzene	BSD	RPD	3	%	20
V2R395-BSD	71-55-6	1,1,1-Trichloroethane	BSD	REC	88	%	70-130
V2R395-BSD	71-55-6	1,1,1-Trichloroethane	BSD	RPD	0	%	20
V2R395-BSD	79-00-5	1,1,2-Trichloroethane	BSD	REC	97	%	70-130
V2R395-BSD	79-00-5	1,1,2-Trichloroethane	BSD	RPD	2	%	20
V2R395-BSD	79-01-6	Trichloroethene	BSD	REC	94	%	70-130
V2R395-BSD	79-01-6	Trichloroethene	BSD	RPD	3	%	20
V2R395-BSD	75-69-4	Trichlorofluoromethane	BSD	REC	90	%	70-130
V2R395-BSD	75-69-4	Trichlorofluoromethane	BSD	RPD	0	%	20
V2R395-BSD	96-18-4	1,2,3-Trichloropropane	BSD	REC	97	%	70-130
V2R395-BSD	96-18-4	1,2,3-Trichloropropane	BSD	RPD	7	%	20
V2R395-BSD	95-63-6	1,2,4-Trimethylbenzene	BSD	REC	102	%	70-130
V2R395-BSD	95-63-6	1,2,4-Trimethylbenzene	BSD	RPD	5	%	20
V2R395-BSD	108-67-8	1,3,5-Trimethylbenzene	BSD	REC	103	%	70-130
V2R395-BSD	108-67-8	1,3,5-Trimethylbenzene	BSD	RPD	3	%	20
V2R395-BSD	75-01-4	Vinyl chloride	BSD	REC	85	%	70-130
V2R395-BSD	75-01-4	Vinyl chloride	BSD	RPD	2	%	20
V2R395-BSD		m,p-Xylene	BSD	REC	96	%	70-130
V2R395-BSD		m,p-Xylene	BSD	RPD	2	%	20
V2R395-BSD	95-47-6	o-Xylene	BSD	REC	94	%	70-130
V2R395-BSD	95-47-6	o-Xylene	BSD	RPD	1	%	20

* Sample used for QC is not from job JD95163

QC Evaluation: CT RCP Limits

Job Number: JD95163
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/28/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V2R395-BSD	1868-53-7	Dibromofluoromethane	BSD	SURR	93	%	70-130
V2R395-BSD	2037-26-5	Toluene-D8	BSD	SURR	105	%	70-130
V2R395-BSD	460-00-4	4-Bromofluorobenzene	BSD	SURR	102	%	70-130
JD95163-1MS	67-64-1	Acetone	MS	REC	87	%	70-130
JD95163-1MS	107-13-1	Acrylonitrile	MS	REC	100	%	70-130
JD95163-1MS	71-43-2	Benzene	MS	REC	92	%	70-130
JD95163-1MS	108-86-1	Bromobenzene	MS	REC	99	%	70-130
JD95163-1MS	74-97-5	Bromochloromethane	MS	REC	89	%	70-130
JD95163-1MS	75-27-4	Bromodichloromethane	MS	REC	92	%	70-130
JD95163-1MS	75-25-2	Bromoform	MS	REC	78	%	70-130
JD95163-1MS	74-83-9	Bromomethane	MS	REC	36	%	70-130
JD95163-1MS	78-93-3	2-Butanone (MEK)	MS	REC	105	%	70-130
JD95163-1MS	104-51-8	n-Butylbenzene	MS	REC	100	%	70-130
JD95163-1MS	135-98-8	sec-Butylbenzene	MS	REC	99	%	70-130
JD95163-1MS	98-06-6	tert-Butylbenzene	MS	REC	98	%	70-130
JD95163-1MS	75-15-0	Carbon disulfide	MS	REC	82	%	70-130
JD95163-1MS	56-23-5	Carbon tetrachloride	MS	REC	75	%	70-130
JD95163-1MS	108-90-7	Chlorobenzene	MS	REC	98	%	70-130
JD95163-1MS	75-00-3	Chloroethane	MS	REC	16 [b]	%	70-130
JD95163-1MS	67-66-3	Chloroform	MS	REC	83	%	70-130
JD95163-1MS	74-87-3	Chloromethane	MS	REC	79	%	70-130
JD95163-1MS	95-49-8	o-Chlorotoluene	MS	REC	99	%	70-130
JD95163-1MS	106-43-4	p-Chlorotoluene	MS	REC	93	%	70-130
JD95163-1MS	96-12-8	1,2-Dibromo-3-chloropropane	MS	REC	99	%	70-130
JD95163-1MS	124-48-1	Dibromochloromethane	MS	REC	81	%	70-130
JD95163-1MS	106-93-4	1,2-Dibromoethane	MS	REC	99	%	70-130
JD95163-1MS	95-50-1	1,2-Dichlorobenzene	MS	REC	102	%	70-130
JD95163-1MS	541-73-1	1,3-Dichlorobenzene	MS	REC	99	%	70-130
JD95163-1MS	106-46-7	1,4-Dichlorobenzene	MS	REC	99	%	70-130
JD95163-1MS	110-57-6	Trans-1,4-Dichloro-2-Butene	MS	REC	72	%	70-130
JD95163-1MS	75-71-8	Dichlorodifluoromethane	MS	REC	118	%	70-130
JD95163-1MS	75-34-3	1,1-Dichloroethane	MS	REC	84	%	70-130
JD95163-1MS	107-06-2	1,2-Dichloroethane	MS	REC	75	%	70-130
JD95163-1MS	75-35-4	1,1-Dichloroethene	MS	REC	95	%	70-130
JD95163-1MS	156-59-2	cis-1,2-Dichloroethene	MS	REC	86	%	70-130
JD95163-1MS	156-60-5	trans-1,2-Dichloroethene	MS	REC	88	%	70-130
JD95163-1MS	78-87-5	1,2-Dichloropropane	MS	REC	93	%	70-130
JD95163-1MS	142-28-9	1,3-Dichloropropane	MS	REC	95	%	70-130
JD95163-1MS	594-20-7	2,2-Dichloropropane	MS	REC	50	%	70-130
JD95163-1MS	563-58-6	1,1-Dichloropropene	MS	REC	88	%	70-130
JD95163-1MS	10061-01-5	cis-1,3-Dichloropropene	MS	REC	82	%	70-130
JD95163-1MS	10061-02-6	trans-1,3-Dichloropropene	MS	REC	88	%	70-130
JD95163-1MS	123-91-1	1,4-Dioxane	MS	REC	110	%	70-130
JD95163-1MS	60-29-7	Ethyl Ether	MS	REC	94	%	70-130
JD95163-1MS	100-41-4	Ethylbenzene	MS	REC	93	%	70-130

* Sample used for QC is not from job JD95163

QC Evaluation: CT RCP Limits

Job Number: JD95163
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/28/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD95163-1MS	76-13-1	Freon 113	MS	REC	88	%	70-130
JD95163-1MS	87-68-3	Hexachlorobutadiene	MS	REC	125	%	70-130
JD95163-1MS	591-78-6	2-Hexanone	MS	REC	98	%	70-130
JD95163-1MS	98-82-8	Isopropylbenzene	MS	REC	91	%	70-130
JD95163-1MS	99-87-6	p-Isopropyltoluene	MS	REC	96	%	70-130
JD95163-1MS	1634-04-4	Methyl Tert Butyl Ether	MS	REC	88	%	70-130
JD95163-1MS	108-10-1	4-Methyl-2-pentanone(MIBK)	MS	REC	94	%	70-130
JD95163-1MS	74-95-3	Methylene bromide	MS	REC	85	%	70-130
JD95163-1MS	75-09-2	Methylene chloride	MS	REC	87	%	70-130
JD95163-1MS	91-20-3	Naphthalene	MS	REC	112	%	70-130
JD95163-1MS	103-65-1	n-Propylbenzene	MS	REC	98	%	70-130
JD95163-1MS	100-42-5	Styrene	MS	REC	97	%	70-130
JD95163-1MS	994-05-8	tert-Amyl Methyl Ether	MS	REC	102	%	70-130
JD95163-1MS	637-92-3	tert-Butyl Ethyl Ether	MS	REC	89	%	70-130
JD95163-1MS	630-20-6	1,1,1,2-Tetrachloroethane	MS	REC	89	%	70-130
JD95163-1MS	79-34-5	1,1,2,2-Tetrachloroethane	MS	REC	74	%	70-130
JD95163-1MS	127-18-4	Tetrachloroethene	MS	REC	100	%	70-130
JD95163-1MS	109-99-9	Tetrahydrofuran	MS	REC	80	%	70-130
JD95163-1MS	108-88-3	Toluene	MS	REC	100	%	70-130
JD95163-1MS	87-61-6	1,2,3-Trichlorobenzene	MS	REC	107	%	70-130
JD95163-1MS	120-82-1	1,2,4-Trichlorobenzene	MS	REC	104	%	70-130
JD95163-1MS	71-55-6	1,1,1-Trichloroethane	MS	REC	78	%	70-130
JD95163-1MS	79-00-5	1,1,2-Trichloroethane	MS	REC	134 [b]	%	70-130
JD95163-1MS	79-01-6	Trichloroethene	MS	REC	112	%	70-130
JD95163-1MS	75-69-4	Trichlorofluoromethane	MS	REC	70	%	70-130
JD95163-1MS	96-18-4	1,2,3-Trichloropropane	MS	REC	107	%	70-130
JD95163-1MS	95-63-6	1,2,4-Trimethylbenzene	MS	REC	99	%	70-130
JD95163-1MS	108-67-8	1,3,5-Trimethylbenzene	MS	REC	97	%	70-130
JD95163-1MS	75-01-4	Vinyl chloride	MS	REC	91	%	70-130
JD95163-1MS		m,p-Xylene	MS	REC	92	%	70-130
JD95163-1MS	95-47-6	o-Xylene	MS	REC	91	%	70-130
JD95163-1MS	1868-53-7	Dibromofluoromethane	MS	SURR	86	%	70-130
JD95163-1MS	2037-26-5	Toluene-D8	MS	SURR	115	%	70-130
JD95163-1MS	460-00-4	4-Bromofluorobenzene	MS	SURR	99	%	70-130
JD95163-1MSD	67-64-1	Acetone	MSD	REC	84	%	70-130
JD95163-1MSD	67-64-1	Acetone	MSD	RPD	4	%	30
JD95163-1MSD	107-13-1	Acrylonitrile	MSD	REC	99	%	70-130
JD95163-1MSD	107-13-1	Acrylonitrile	MSD	RPD	1	%	30
JD95163-1MSD	71-43-2	Benzene	MSD	REC	96	%	70-130
JD95163-1MSD	71-43-2	Benzene	MSD	RPD	4	%	30
JD95163-1MSD	108-86-1	Bromobenzene	MSD	REC	101	%	70-130
JD95163-1MSD	108-86-1	Bromobenzene	MSD	RPD	2	%	30
JD95163-1MSD	74-97-5	Bromochloromethane	MSD	REC	91	%	70-130
JD95163-1MSD	74-97-5	Bromochloromethane	MSD	RPD	2	%	30
JD95163-1MSD	75-27-4	Bromodichloromethane	MSD	REC	103	%	70-130

* Sample used for QC is not from job JD95163

QC Evaluation: CT RCP Limits

Job Number: JD95163
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/28/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD95163-1MSD	75-27-4	Bromodichloromethane	MSD	RPD	11	%	30
JD95163-1MSD	75-25-2	Bromoform	MSD	REC	81	%	70-130
JD95163-1MSD	75-25-2	Bromoform	MSD	RPD	4	%	30
JD95163-1MSD	74-83-9	Bromomethane	MSD	REC	29	%	70-130
JD95163-1MSD	74-83-9	Bromomethane	MSD	RPD	21	%	30
JD95163-1MSD	78-93-3	2-Butanone (MEK)	MSD	REC	107	%	70-130
JD95163-1MSD	78-93-3	2-Butanone (MEK)	MSD	RPD	2	%	30
JD95163-1MSD	104-51-8	n-Butylbenzene	MSD	REC	104	%	70-130
JD95163-1MSD	104-51-8	n-Butylbenzene	MSD	RPD	3	%	30
JD95163-1MSD	135-98-8	sec-Butylbenzene	MSD	REC	104	%	70-130
JD95163-1MSD	135-98-8	sec-Butylbenzene	MSD	RPD	4	%	30
JD95163-1MSD	98-06-6	tert-Butylbenzene	MSD	REC	102	%	70-130
JD95163-1MSD	98-06-6	tert-Butylbenzene	MSD	RPD	4	%	30
JD95163-1MSD	75-15-0	Carbon disulfide	MSD	REC	86	%	70-130
JD95163-1MSD	75-15-0	Carbon disulfide	MSD	RPD	4	%	30
JD95163-1MSD	56-23-5	Carbon tetrachloride	MSD	REC	80	%	70-130
JD95163-1MSD	56-23-5	Carbon tetrachloride	MSD	RPD	6	%	30
JD95163-1MSD	108-90-7	Chlorobenzene	MSD	REC	101	%	70-130
JD95163-1MSD	108-90-7	Chlorobenzene	MSD	RPD	4	%	30
JD95163-1MSD	75-00-3	Chloroethane	MSD	REC	18 [b]	%	70-130
JD95163-1MSD	75-00-3	Chloroethane	MSD	RPD	9	%	30
JD95163-1MSD	67-66-3	Chloroform	MSD	REC	85	%	70-130
JD95163-1MSD	67-66-3	Chloroform	MSD	RPD	2	%	30
JD95163-1MSD	74-87-3	Chloromethane	MSD	REC	85	%	70-130
JD95163-1MSD	74-87-3	Chloromethane	MSD	RPD	7	%	30
JD95163-1MSD	95-49-8	o-Chlorotoluene	MSD	REC	102	%	70-130
JD95163-1MSD	95-49-8	o-Chlorotoluene	MSD	RPD	3	%	30
JD95163-1MSD	106-43-4	p-Chlorotoluene	MSD	REC	98	%	70-130
JD95163-1MSD	106-43-4	p-Chlorotoluene	MSD	RPD	5	%	30
JD95163-1MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	REC	102	%	70-130
JD95163-1MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	RPD	3	%	30
JD95163-1MSD	124-48-1	Dibromochloromethane	MSD	REC	86	%	70-130
JD95163-1MSD	124-48-1	Dibromochloromethane	MSD	RPD	6	%	30
JD95163-1MSD	106-93-4	1,2-Dibromoethane	MSD	REC	103	%	70-130
JD95163-1MSD	106-93-4	1,2-Dibromoethane	MSD	RPD	4	%	30
JD95163-1MSD	95-50-1	1,2-Dichlorobenzene	MSD	REC	107	%	70-130
JD95163-1MSD	95-50-1	1,2-Dichlorobenzene	MSD	RPD	5	%	30
JD95163-1MSD	541-73-1	1,3-Dichlorobenzene	MSD	REC	106	%	70-130
JD95163-1MSD	541-73-1	1,3-Dichlorobenzene	MSD	RPD	7	%	30
JD95163-1MSD	106-46-7	1,4-Dichlorobenzene	MSD	REC	102	%	70-130
JD95163-1MSD	106-46-7	1,4-Dichlorobenzene	MSD	RPD	4	%	30
JD95163-1MSD	110-57-6	Trans-1,4-Dichloro-2-Butene	MSD	REC	63	%	70-130
JD95163-1MSD	110-57-6	Trans-1,4-Dichloro-2-Butene	MSD	RPD	12	%	30
JD95163-1MSD	75-71-8	Dichlorodifluoromethane	MSD	REC	122	%	70-130
JD95163-1MSD	75-71-8	Dichlorodifluoromethane	MSD	RPD	4	%	30

* Sample used for QC is not from job JD95163

QC Evaluation: CT RCP Limits

Job Number: JD95163
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/28/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD95163-1MSD	75-34-3	1,1-Dichloroethane	MSD	REC	87	%	70-130
JD95163-1MSD	75-34-3	1,1-Dichloroethane	MSD	RPD	4	%	30
JD95163-1MSD	107-06-2	1,2-Dichloroethane	MSD	REC	79	%	70-130
JD95163-1MSD	107-06-2	1,2-Dichloroethane	MSD	RPD	5	%	30
JD95163-1MSD	75-35-4	1,1-Dichloroethene	MSD	REC	97	%	70-130
JD95163-1MSD	75-35-4	1,1-Dichloroethene	MSD	RPD	3	%	30
JD95163-1MSD	156-59-2	cis-1,2-Dichloroethene	MSD	REC	91	%	70-130
JD95163-1MSD	156-59-2	cis-1,2-Dichloroethene	MSD	RPD	5	%	30
JD95163-1MSD	156-60-5	trans-1,2-Dichloroethene	MSD	REC	95	%	70-130
JD95163-1MSD	156-60-5	trans-1,2-Dichloroethene	MSD	RPD	7	%	30
JD95163-1MSD	78-87-5	1,2-Dichloropropane	MSD	REC	97	%	70-130
JD95163-1MSD	78-87-5	1,2-Dichloropropane	MSD	RPD	3	%	30
JD95163-1MSD	142-28-9	1,3-Dichloropropane	MSD	REC	99	%	70-130
JD95163-1MSD	142-28-9	1,3-Dichloropropane	MSD	RPD	4	%	30
JD95163-1MSD	594-20-7	2,2-Dichloropropane	MSD	REC	53	%	70-130
JD95163-1MSD	594-20-7	2,2-Dichloropropane	MSD	RPD	6	%	30
JD95163-1MSD	563-58-6	1,1-Dichloropropene	MSD	REC	92	%	70-130
JD95163-1MSD	563-58-6	1,1-Dichloropropene	MSD	RPD	4	%	30
JD95163-1MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	REC	85	%	70-130
JD95163-1MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	RPD	4	%	30
JD95163-1MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	REC	95	%	70-130
JD95163-1MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	RPD	7	%	30
JD95163-1MSD	123-91-1	1,4-Dioxane	MSD	REC	114	%	70-130
JD95163-1MSD	123-91-1	1,4-Dioxane	MSD	RPD	4	%	30
JD95163-1MSD	60-29-7	Ethyl Ether	MSD	REC	97	%	70-130
JD95163-1MSD	60-29-7	Ethyl Ether	MSD	RPD	3	%	30
JD95163-1MSD	100-41-4	Ethylbenzene	MSD	REC	96	%	70-130
JD95163-1MSD	100-41-4	Ethylbenzene	MSD	RPD	4	%	30
JD95163-1MSD	76-13-1	Freon 113	MSD	REC	91	%	70-130
JD95163-1MSD	76-13-1	Freon 113	MSD	RPD	3	%	30
JD95163-1MSD	87-68-3	Hexachlorobutadiene	MSD	REC	127	%	70-130
JD95163-1MSD	87-68-3	Hexachlorobutadiene	MSD	RPD	2	%	30
JD95163-1MSD	591-78-6	2-Hexanone	MSD	REC	99	%	70-130
JD95163-1MSD	591-78-6	2-Hexanone	MSD	RPD	1	%	30
JD95163-1MSD	98-82-8	Isopropylbenzene	MSD	REC	96	%	70-130
JD95163-1MSD	98-82-8	Isopropylbenzene	MSD	RPD	6	%	30
JD95163-1MSD	99-87-6	p-Isopropyltoluene	MSD	REC	101	%	70-130
JD95163-1MSD	99-87-6	p-Isopropyltoluene	MSD	RPD	5	%	30
JD95163-1MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	REC	90	%	70-130
JD95163-1MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	RPD	2	%	30
JD95163-1MSD	108-10-1	4-Methyl-2-pentanone(MIBK)	MSD	REC	96	%	70-130
JD95163-1MSD	108-10-1	4-Methyl-2-pentanone(MIBK)	MSD	RPD	2	%	30
JD95163-1MSD	74-95-3	Methylene bromide	MSD	REC	89	%	70-130
JD95163-1MSD	74-95-3	Methylene bromide	MSD	RPD	5	%	30
JD95163-1MSD	75-09-2	Methylene chloride	MSD	REC	89	%	70-130

* Sample used for QC is not from job JD95163

QC Evaluation: CT RCP Limits

Job Number: JD95163
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/28/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD95163-1MSD	75-09-2	Methylene chloride	MSD	RPD	3	%	30
JD95163-1MSD	91-20-3	Naphthalene	MSD	REC	116	%	70-130
JD95163-1MSD	91-20-3	Naphthalene	MSD	RPD	3	%	30
JD95163-1MSD	103-65-1	n-Propylbenzene	MSD	REC	103	%	70-130
JD95163-1MSD	103-65-1	n-Propylbenzene	MSD	RPD	4	%	30
JD95163-1MSD	100-42-5	Styrene	MSD	REC	100	%	70-130
JD95163-1MSD	100-42-5	Styrene	MSD	RPD	3	%	30
JD95163-1MSD	994-05-8	tert-Amyl Methyl Ether	MSD	REC	107	%	70-130
JD95163-1MSD	994-05-8	tert-Amyl Methyl Ether	MSD	RPD	5	%	30
JD95163-1MSD	637-92-3	tert-Butyl Ethyl Ether	MSD	REC	92	%	70-130
JD95163-1MSD	637-92-3	tert-Butyl Ethyl Ether	MSD	RPD	3	%	30
JD95163-1MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	REC	95	%	70-130
JD95163-1MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	RPD	6	%	30
JD95163-1MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	REC	79	%	70-130
JD95163-1MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	RPD	6	%	30
JD95163-1MSD	127-18-4	Tetrachloroethene	MSD	REC	107	%	70-130
JD95163-1MSD	127-18-4	Tetrachloroethene	MSD	RPD	6	%	30
JD95163-1MSD	109-99-9	Tetrahydrofuran	MSD	REC	82	%	70-130
JD95163-1MSD	109-99-9	Tetrahydrofuran	MSD	RPD	1	%	30
JD95163-1MSD	108-88-3	Toluene	MSD	REC	105	%	70-130
JD95163-1MSD	108-88-3	Toluene	MSD	RPD	5	%	30
JD95163-1MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	REC	108	%	70-130
JD95163-1MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	RPD	1	%	30
JD95163-1MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	REC	107	%	70-130
JD95163-1MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	RPD	2	%	30
JD95163-1MSD	71-55-6	1,1,1-Trichloroethane	MSD	REC	82	%	70-130
JD95163-1MSD	71-55-6	1,1,1-Trichloroethane	MSD	RPD	5	%	30
JD95163-1MSD	79-00-5	1,1,2-Trichloroethane	MSD	REC	141 [b]	%	70-130
JD95163-1MSD	79-00-5	1,1,2-Trichloroethane	MSD	RPD	5	%	30
JD95163-1MSD	79-01-6	Trichloroethene	MSD	REC	114	%	70-130
JD95163-1MSD	79-01-6	Trichloroethene	MSD	RPD	2	%	30
JD95163-1MSD	75-69-4	Trichlorofluoromethane	MSD	REC	74	%	70-130
JD95163-1MSD	75-69-4	Trichlorofluoromethane	MSD	RPD	6	%	30
JD95163-1MSD	96-18-4	1,2,3-Trichloropropane	MSD	REC	106	%	70-130
JD95163-1MSD	96-18-4	1,2,3-Trichloropropane	MSD	RPD	1	%	30
JD95163-1MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	REC	105	%	70-130
JD95163-1MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	RPD	4	%	30
JD95163-1MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	REC	103	%	70-130
JD95163-1MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	RPD	5	%	30
JD95163-1MSD	75-01-4	Vinyl chloride	MSD	REC	94	%	70-130
JD95163-1MSD	75-01-4	Vinyl chloride	MSD	RPD	3	%	30
JD95163-1MSD		m,p-Xylene	MSD	REC	96	%	70-130
JD95163-1MSD		m,p-Xylene	MSD	RPD	4	%	30
JD95163-1MSD	95-47-6	o-Xylene	MSD	REC	97	%	70-130
JD95163-1MSD	95-47-6	o-Xylene	MSD	RPD	6	%	30

* Sample used for QC is not from job JD95163

QC Evaluation: CT RCP Limits

Job Number: JD95163
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/28/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD95163-1MSD	1868-53-7	Dibromofluoromethane	MSD	SURR	88	%	70-130
JD95163-1MSD	2037-26-5	Toluene-D8	MSD	SURR	115	%	70-130
JD95163-1MSD	460-00-4	4-Bromofluorobenzene	MSD	SURR	100	%	70-130
V2R395-MB	1868-53-7	Dibromofluoromethane	MB	SURR	90	%	70-130
V2R395-MB	2037-26-5	Toluene-D8	MB	SURR	104	%	70-130
V2R395-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	99	%	70-130
JD95163-1	1868-53-7	Dibromofluoromethane	SAMP	SURR	85	%	70-130
JD95163-1	2037-26-5	Toluene-D8	SAMP	SURR	118	%	70-130
JD95163-1	460-00-4	4-Bromofluorobenzene	SAMP	SURR	99	%	70-130
JD95163-3	1868-53-7	Dibromofluoromethane	SAMP	SURR	85	%	70-130
JD95163-3	2037-26-5	Toluene-D8	SAMP	SURR	115	%	70-130
JD95163-3	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	70-130
JD95163-4	1868-53-7	Dibromofluoromethane	SAMP	SURR	85	%	70-130
JD95163-4	2037-26-5	Toluene-D8	SAMP	SURR	107	%	70-130
JD95163-4	460-00-4	4-Bromofluorobenzene	SAMP	SURR	97	%	70-130
JD95163-5	1868-53-7	Dibromofluoromethane	SAMP	SURR	84	%	70-130
JD95163-5	2037-26-5	Toluene-D8	SAMP	SURR	115	%	70-130
JD95163-5	460-00-4	4-Bromofluorobenzene	SAMP	SURR	98	%	70-130
V2R396	SW846 8260D						
V2R396-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	100	%	70-130
V2R396-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	90	%	70-130
V2R396-BS	2037-26-5	Toluene-D8	BSP	SURR	105	%	70-130
V2R396-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	100	%	70-130
V2R396-MB	1868-53-7	Dibromofluoromethane	MB	SURR	87	%	70-130
V2R396-MB	2037-26-5	Toluene-D8	MB	SURR	105	%	70-130
V2R396-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	101	%	70-130
JD95163-5	1868-53-7	Dibromofluoromethane	SAMP	SURR	90	%	70-130
JD95163-5	2037-26-5	Toluene-D8	SAMP	SURR	106	%	70-130
JD95163-5	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	70-130
V3C8258	SW846 8260D						
V3C8258-BS	67-64-1	Acetone	BSP	REC	92	%	70-130
V3C8258-BS	107-13-1	Acrylonitrile	BSP	REC	136	%	70-130
V3C8258-BS	71-43-2	Benzene	BSP	REC	101	%	70-130
V3C8258-BS	108-86-1	Bromobenzene	BSP	REC	91	%	70-130
V3C8258-BS	74-97-5	Bromochloromethane	BSP	REC	101	%	70-130
V3C8258-BS	75-27-4	Bromodichloromethane	BSP	REC	103	%	70-130
V3C8258-BS	75-25-2	Bromoform	BSP	REC	93	%	70-130
V3C8258-BS	74-83-9	Bromomethane	BSP	REC	111	%	70-130
V3C8258-BS	78-93-3	2-Butanone (MEK)	BSP	REC	99	%	70-130
V3C8258-BS	104-51-8	n-Butylbenzene	BSP	REC	93	%	70-130
V3C8258-BS	135-98-8	sec-Butylbenzene	BSP	REC	92	%	70-130

* Sample used for QC is not from job JD95163

QC Evaluation: CT RCP Limits

Job Number: JD95163
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/28/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V3C8258-BS	98-06-6	tert-Butylbenzene	BSP	REC	92	%	70-130
V3C8258-BS	75-15-0	Carbon disulfide	BSP	REC	97	%	70-130
V3C8258-BS	56-23-5	Carbon tetrachloride	BSP	REC	97	%	70-130
V3C8258-BS	108-90-7	Chlorobenzene	BSP	REC	93	%	70-130
V3C8258-BS	75-00-3	Chloroethane	BSP	REC	123	%	70-130
V3C8258-BS	67-66-3	Chloroform	BSP	REC	103	%	70-130
V3C8258-BS	74-87-3	Chloromethane	BSP	REC	106	%	70-130
V3C8258-BS	95-49-8	o-Chlorotoluene	BSP	REC	91	%	70-130
V3C8258-BS	106-43-4	p-Chlorotoluene	BSP	REC	90	%	70-130
V3C8258-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	86	%	70-130
V3C8258-BS	124-48-1	Dibromochloromethane	BSP	REC	97	%	70-130
V3C8258-BS	106-93-4	1,2-Dibromoethane	BSP	REC	94	%	70-130
V3C8258-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	89	%	70-130
V3C8258-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	90	%	70-130
V3C8258-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	87	%	70-130
V3C8258-BS	110-57-6	Trans-1,4-Dichloro-2-Butene	BSP	REC	86	%	70-130
V3C8258-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	101	%	70-130
V3C8258-BS	75-34-3	1,1-Dichloroethane	BSP	REC	110	%	70-130
V3C8258-BS	107-06-2	1,2-Dichloroethane	BSP	REC	97	%	70-130
V3C8258-BS	75-35-4	1,1-Dichloroethene	BSP	REC	107	%	70-130
V3C8258-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	105	%	70-130
V3C8258-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	105	%	70-130
V3C8258-BS	78-87-5	1,2-Dichloropropane	BSP	REC	104	%	70-130
V3C8258-BS	142-28-9	1,3-Dichloropropane	BSP	REC	97	%	70-130
V3C8258-BS	594-20-7	2,2-Dichloropropane	BSP	REC	97	%	70-130
V3C8258-BS	563-58-6	1,1-Dichloropropene	BSP	REC	97	%	70-130
V3C8258-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	104	%	70-130
V3C8258-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	98	%	70-130
V3C8258-BS	123-91-1	1,4-Dioxane	BSP	REC	114	%	70-130
V3C8258-BS	60-29-7	Ethyl Ether	BSP	REC	111	%	70-130
V3C8258-BS	100-41-4	Ethylbenzene	BSP	REC	94	%	70-130
V3C8258-BS	76-13-1	Freon 113	BSP	REC	97	%	70-130
V3C8258-BS	87-68-3	Hexachlorobutadiene	BSP	REC	92	%	70-130
V3C8258-BS	591-78-6	2-Hexanone	BSP	REC	94	%	70-130
V3C8258-BS	98-82-8	Isopropylbenzene	BSP	REC	91	%	70-130
V3C8258-BS	99-87-6	p-Isopropyltoluene	BSP	REC	92	%	70-130
V3C8258-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	104	%	70-130
V3C8258-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	91	%	70-130
V3C8258-BS	74-95-3	Methylene bromide	BSP	REC	96	%	70-130
V3C8258-BS	75-09-2	Methylene chloride	BSP	REC	101	%	70-130
V3C8258-BS	91-20-3	Naphthalene	BSP	REC	88	%	70-130
V3C8258-BS	103-65-1	n-Propylbenzene	BSP	REC	93	%	70-130
V3C8258-BS	100-42-5	Styrene	BSP	REC	94	%	70-130
V3C8258-BS	994-05-8	tert-Amyl Methyl Ether	BSP	REC	94	%	70-130
V3C8258-BS	637-92-3	tert-Butyl Ethyl Ether	BSP	REC	107	%	70-130

* Sample used for QC is not from job JD95163

QC Evaluation: CT RCP Limits

Job Number: JD95163
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/28/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V3C8258-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	93	%	70-130
V3C8258-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	92	%	70-130
V3C8258-BS	127-18-4	Tetrachloroethene	BSP	REC	91	%	70-130
V3C8258-BS	109-99-9	Tetrahydrofuran	BSP	REC	96	%	70-130
V3C8258-BS	108-88-3	Toluene	BSP	REC	95	%	70-130
V3C8258-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	92	%	70-130
V3C8258-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	93	%	70-130
V3C8258-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	105	%	70-130
V3C8258-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	97	%	70-130
V3C8258-BS	79-01-6	Trichloroethene	BSP	REC	97	%	70-130
V3C8258-BS	75-69-4	Trichlorofluoromethane	BSP	REC	105	%	70-130
V3C8258-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	86	%	70-130
V3C8258-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	93	%	70-130
V3C8258-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	92	%	70-130
V3C8258-BS	75-01-4	Vinyl chloride	BSP	REC	107	%	70-130
V3C8258-BS		m,p-Xylene	BSP	REC	91	%	70-130
V3C8258-BS	95-47-6	o-Xylene	BSP	REC	93	%	70-130
V3C8258-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	112	%	70-130
V3C8258-BS	2037-26-5	Toluene-D8	BSP	SURR	101	%	70-130
V3C8258-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	97	%	70-130
V3C8258-MB	1868-53-7	Dibromofluoromethane	MB	SURR	105	%	70-130
V3C8258-MB	2037-26-5	Toluene-D8	MB	SURR	101	%	70-130
V3C8258-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	97	%	70-130
JD95163-2	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	70-130
JD95163-2	2037-26-5	Toluene-D8	SAMP	SURR	100	%	70-130
JD95163-2	460-00-4	4-Bromofluorobenzene	SAMP	SURR	100	%	70-130
JD95163-6	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	70-130
JD95163-6	2037-26-5	Toluene-D8	SAMP	SURR	100	%	70-130
JD95163-6	460-00-4	4-Bromofluorobenzene	SAMP	SURR	99	%	70-130
JD95163-7	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	70-130
JD95163-7	2037-26-5	Toluene-D8	SAMP	SURR	101	%	70-130
JD95163-7	460-00-4	4-Bromofluorobenzene	SAMP	SURR	96	%	70-130

(a) Outside in house control limits.
(b) Outside control limits due to matrix interference.

* Sample used for QC is not from job JD95163

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C8258-MB	3C189646.D	1	09/03/24	PS	n/a	n/a	V3C8258

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95163-2, JD95163-6, JD95163-7

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/kg	
107-13-1	Acrylonitrile	ND	10	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	5.0	ug/kg	
74-83-9	Bromomethane	ND	5.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	ug/kg	

Method Blank Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C8258-MB	3C189646.D	1	09/03/24	PS	n/a	n/a	V3C8258

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95163-2, JD95163-6, JD95163-7

CAS No.	Compound	Result	RL	Units	Q
563-58-6	1,1-Dichloropropene	ND	2.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
123-91-1	1,4-Dioxane	ND	130	ug/kg	
60-29-7	Ethyl Ether	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
76-13-1	Freon 113	ND	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
591-78-6	2-Hexanone	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	ug/kg	
75-09-2	Methylene chloride	ND	5.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	ug/kg	
100-42-5	Styrene	ND	2.0	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	10	ug/kg	
108-88-3	Toluene	ND	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	

Method Blank Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C8258-MB	3C189646.D	1	09/03/24	PS	n/a	n/a	V3C8258

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95163-2, JD95163-6, JD95163-7

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	80-124%
17060-07-0	1,2-Dichloroethane-D4	102%	75-133%
2037-26-5	Toluene-D8	101%	79-125%
460-00-4	4-Bromofluorobenzene	97%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.82	19	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2R395-MB	2R12494.D	1	09/04/24	JN	n/a	n/a	V2R395

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95163-1, JD95163-3, JD95163-4, JD95163-5

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	500	ug/kg	
107-13-1	Acrylonitrile	ND	500	ug/kg	
71-43-2	Benzene	ND	25	ug/kg	
108-86-1	Bromobenzene	ND	250	ug/kg	
74-97-5	Bromochloromethane	ND	250	ug/kg	
75-27-4	Bromodichloromethane	ND	100	ug/kg	
75-25-2	Bromoform	ND	250	ug/kg	
74-83-9	Bromomethane	ND	250	ug/kg	
78-93-3	2-Butanone (MEK)	ND	500	ug/kg	
104-51-8	n-Butylbenzene	ND	100	ug/kg	
135-98-8	sec-Butylbenzene	ND	100	ug/kg	
98-06-6	tert-Butylbenzene	ND	100	ug/kg	
75-15-0	Carbon disulfide	ND	100	ug/kg	
56-23-5	Carbon tetrachloride	ND	100	ug/kg	
108-90-7	Chlorobenzene	ND	100	ug/kg	
75-00-3	Chloroethane	ND	250	ug/kg	
67-66-3	Chloroform	ND	100	ug/kg	
74-87-3	Chloromethane	ND	250	ug/kg	
95-49-8	o-Chlorotoluene	ND	100	ug/kg	
106-43-4	p-Chlorotoluene	ND	100	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	100	ug/kg	
124-48-1	Dibromochloromethane	ND	100	ug/kg	
106-93-4	1,2-Dibromoethane	ND	50	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	50	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	50	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	50	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	250	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	250	ug/kg	
75-34-3	1,1-Dichloroethane	ND	50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	50	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	50	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	50	ug/kg	
78-87-5	1,2-Dichloropropane	ND	100	ug/kg	
142-28-9	1,3-Dichloropropane	ND	100	ug/kg	
594-20-7	2,2-Dichloropropane	ND	100	ug/kg	

Method Blank Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2R395-MB	2R12494.D	1	09/04/24	JN	n/a	n/a	V2R395

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95163-1, JD95163-3, JD95163-4, JD95163-5

CAS No.	Compound	Result	RL	Units	Q
563-58-6	1,1-Dichloropropene	ND	100	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	100	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	100	ug/kg	
123-91-1	1,4-Dioxane	ND	6300	ug/kg	
60-29-7	Ethyl Ether	ND	100	ug/kg	
100-41-4	Ethylbenzene	ND	50	ug/kg	
76-13-1	Freon 113	ND	250	ug/kg	
87-68-3	Hexachlorobutadiene	ND	250	ug/kg	
591-78-6	2-Hexanone	ND	250	ug/kg	
98-82-8	Isopropylbenzene	ND	100	ug/kg	
99-87-6	p-Isopropyltoluene	ND	100	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	50	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	250	ug/kg	
74-95-3	Methylene bromide	ND	250	ug/kg	
75-09-2	Methylene chloride	ND	250	ug/kg	
91-20-3	Naphthalene	ND	250	ug/kg	
103-65-1	n-Propylbenzene	ND	100	ug/kg	
100-42-5	Styrene	ND	100	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	100	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	100	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	ug/kg	
127-18-4	Tetrachloroethene	ND	100	ug/kg	
109-99-9	Tetrahydrofuran	ND	500	ug/kg	
108-88-3	Toluene	ND	50	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	250	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	100	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	100	ug/kg	
79-01-6	Trichloroethene	ND	50	ug/kg	
75-69-4	Trichlorofluoromethane	ND	250	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	250	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	100	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	100	ug/kg	
75-01-4	Vinyl chloride	ND	100	ug/kg	
	m,p-Xylene	ND	50	ug/kg	

Method Blank Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2R395-MB	2R12494.D	1	09/04/24	JN	n/a	n/a	V2R395

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95163-1, JD95163-3, JD95163-4, JD95163-5

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	50	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	90%	80-124%
17060-07-0	1,2-Dichloroethane-D4	96%	75-133%
2037-26-5	Toluene-D8	104%	79-125%
460-00-4	4-Bromofluorobenzene	99%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2R396-MB	2R12532A.D	1	09/05/24	JN	n/a	n/a	V2R396

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95163-5

CAS No.	Compound	Result	RL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	100	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	87%	80-124%
17060-07-0	1,2-Dichloroethane-D4	91%	75-133%
2037-26-5	Toluene-D8	105%	79-125%
460-00-4	4-Bromofluorobenzene	101%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Blank Spike Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C8258-BS	3C189644.D	1	09/03/24	PS	n/a	n/a	V3C8258

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95163-2, JD95163-6, JD95163-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	184	92	52-156
107-13-1	Acrylonitrile	50	68.2	136	56-159
71-43-2	Benzene	50	50.5	101	82-119
108-86-1	Bromobenzene	50	45.5	91	82-115
74-97-5	Bromochloromethane	50	50.5	101	82-123
75-27-4	Bromodichloromethane	50	51.6	103	83-121
75-25-2	Bromoform	50	46.3	93	74-138
74-83-9	Bromomethane	50	55.6	111	56-150
78-93-3	2-Butanone (MEK)	200	197	99	72-138
104-51-8	n-Butylbenzene	50	46.6	93	81-124
135-98-8	sec-Butylbenzene	50	45.8	92	78-120
98-06-6	tert-Butylbenzene	50	45.8	92	78-121
75-15-0	Carbon disulfide	50	48.6	97	67-131
56-23-5	Carbon tetrachloride	50	48.6	97	72-130
108-90-7	Chlorobenzene	50	46.5	93	83-114
75-00-3	Chloroethane	50	61.4	123	67-141
67-66-3	Chloroform	50	51.6	103	76-115
74-87-3	Chloromethane	50	52.8	106	57-141
95-49-8	o-Chlorotoluene	50	45.3	91	81-118
106-43-4	p-Chlorotoluene	50	44.8	90	78-117
96-12-8	1,2-Dibromo-3-chloropropane	50	43.1	86	72-131
124-48-1	Dibromochloromethane	50	48.7	97	80-128
106-93-4	1,2-Dibromoethane	50	47.1	94	58-145
95-50-1	1,2-Dichlorobenzene	50	44.7	89	83-117
541-73-1	1,3-Dichlorobenzene	50	45.1	90	82-114
106-46-7	1,4-Dichlorobenzene	50	43.7	87	79-114
110-57-6	Trans-1,4-Dichloro-2-Butene	50	43.1	86	62-139
75-71-8	Dichlorodifluoromethane	50	50.6	101	49-146
75-34-3	1,1-Dichloroethane	50	55.0	110	76-126
107-06-2	1,2-Dichloroethane	50	48.7	97	76-118
75-35-4	1,1-Dichloroethene	50	53.3	107	72-125
156-59-2	cis-1,2-Dichloroethene	50	52.4	105	80-118
156-60-5	trans-1,2-Dichloroethene	50	52.6	105	76-122
78-87-5	1,2-Dichloropropane	50	52.2	104	82-123
142-28-9	1,3-Dichloropropane	50	48.3	97	84-120
594-20-7	2,2-Dichloropropane	50	48.3	97	66-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C8258-BS	3C189644.D	1	09/03/24	PS	n/a	n/a	V3C8258

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95163-2, JD95163-6, JD95163-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
563-58-6	1,1-Dichloropropene	50	48.3	97	78-122
10061-01-5	cis-1,3-Dichloropropene	50	52.0	104	83-123
10061-02-6	trans-1,3-Dichloropropene	50	48.8	98	83-123
123-91-1	1,4-Dioxane	1250	1420	114	64-163
60-29-7	Ethyl Ether	50	55.6	111	78-131
100-41-4	Ethylbenzene	50	47.2	94	83-115
76-13-1	Freon 113	50	48.5	97	65-132
87-68-3	Hexachlorobutadiene	50	46.0	92	65-130
591-78-6	2-Hexanone	200	188	94	73-138
98-82-8	Isopropylbenzene	50	45.6	91	81-122
99-87-6	p-Isopropyltoluene	50	45.9	92	80-120
1634-04-4	Methyl Tert Butyl Ether	50	52.2	104	75-126
108-10-1	4-Methyl-2-pentanone(MIBK)	200	181	91	71-138
74-95-3	Methylene bromide	50	48.2	96	81-122
75-09-2	Methylene chloride	50	50.3	101	73-122
91-20-3	Naphthalene	50	43.8	88	71-129
103-65-1	n-Propylbenzene	50	46.4	93	77-120
100-42-5	Styrene	50	47.0	94	84-122
994-05-8	tert-Amyl Methyl Ether	50	46.9	94	77-125
637-92-3	tert-Butyl Ethyl Ether	50	53.5	107	75-131
630-20-6	1,1,1,2-Tetrachloroethane	50	46.7	93	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	45.9	92	75-127
127-18-4	Tetrachloroethene	50	45.3	91	73-125
109-99-9	Tetrahydrofuran	50	48.1	96	61-136
108-88-3	Toluene	50	47.4	95	82-118
87-61-6	1,2,3-Trichlorobenzene	50	46.1	92	68-132
120-82-1	1,2,4-Trichlorobenzene	50	46.3	93	72-133
71-55-6	1,1,1-Trichloroethane	50	52.6	105	77-124
79-00-5	1,1,2-Trichloroethane	50	48.7	97	83-122
79-01-6	Trichloroethene	50	48.5	97	80-122
75-69-4	Trichlorofluoromethane	50	52.7	105	69-132
96-18-4	1,2,3-Trichloropropane	50	43.1	86	80-120
95-63-6	1,2,4-Trimethylbenzene	50	46.4	93	80-119
108-67-8	1,3,5-Trimethylbenzene	50	45.8	92	79-120
75-01-4	Vinyl chloride	50	53.3	107	60-144
	m,p-Xylene	100	90.9	91	82-119

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C8258-BS	3C189644.D	1	09/03/24	PS	n/a	n/a	V3C8258

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95163-2, JD95163-6, JD95163-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-47-6	o-Xylene	50	46.5	93	84-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	112%	80-124%
17060-07-0	1,2-Dichloroethane-D4	103%	75-133%
2037-26-5	Toluene-D8	101%	79-125%
460-00-4	4-Bromofluorobenzene	97%	58-148%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2R396-BS	2R12530.D	1	09/05/24	JN	n/a	n/a	V2R396

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95163-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-63-6	1,2,4-Trimethylbenzene	2500	2490	100	80-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	90%	80-124%
17060-07-0	1,2-Dichloroethane-D4	89%	75-133%
2037-26-5	Toluene-D8	105%	79-125%
460-00-4	4-Bromofluorobenzene	100%	58-148%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2R395-BS	2R12491.D	1	09/04/24	JN	n/a	n/a	V2R395
V2R395-BSD	2R12492.D	1	09/04/24	JN	n/a	n/a	V2R395

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95163-1, JD95163-3, JD95163-4, JD95163-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	10000	8230	82	8220	82	0	52-156/12
107-13-1	Acrylonitrile	2500	2160	86	2160	86	0	56-159/11
71-43-2	Benzene	2500	2390	96	2310	92	3	82-119/10
108-86-1	Bromobenzene	2500	2620	105	2550	102	3	82-115/10
74-97-5	Bromochloromethane	2500	2230	89	2350	94	5	82-123/10
75-27-4	Bromodichloromethane	2500	2200	88	2170	87	1	83-121/10
75-25-2	Bromoform	2500	2290	92	2260	90	1	74-138/10
74-83-9	Bromomethane	2500	2510	100	2870	115	13* [a]	56-150/12
78-93-3	2-Butanone (MEK)	10000	10100	101	10000	100	1	72-138/10
104-51-8	n-Butylbenzene	2500	2750	110	2650	106	4	81-124/11
135-98-8	sec-Butylbenzene	2500	2710	108	2590	104	5	78-120/10
98-06-6	tert-Butylbenzene	2500	2640	106	2510	100	5	78-121/10
75-15-0	Carbon disulfide	2500	2270	91	2280	91	0	67-131/11
56-23-5	Carbon tetrachloride	2500	2180	87	2220	89	2	72-130/11
108-90-7	Chlorobenzene	2500	2500	100	2480	99	1	83-114/10
75-00-3	Chloroethane	2500	2130	85	2130	85	0	67-141/12
67-66-3	Chloroform	2500	2040	82	2070	83	1	76-115/10
74-87-3	Chloromethane	2500	1800	72	1830	73	2	57-141/13
95-49-8	o-Chlorotoluene	2500	2620	105	2530	101	3	81-118/10
106-43-4	p-Chlorotoluene	2500	2560	102	2440	98	5	78-117/10
96-12-8	1,2-Dibromo-3-chloropropane	2500	2750	110	2620	105	5	72-131/11
124-48-1	Dibromochloromethane	2500	2380	95	2320	93	3	80-128/10
106-93-4	1,2-Dibromoethane	2500	2530	101	2500	100	1	58-145/10
95-50-1	1,2-Dichlorobenzene	2500	2710	108	2620	105	3	83-117/10
541-73-1	1,3-Dichlorobenzene	2500	2660	106	2580	103	3	82-114/10
106-46-7	1,4-Dichlorobenzene	2500	2630	105	2520	101	4	79-114/10
110-57-6	Trans-1,4-Dichloro-2-Butene	2500	1810	72	1870	75	3	62-139/10
75-71-8	Dichlorodifluoromethane	2500	2610	104	2590	104	1	49-146/13
75-34-3	1,1-Dichloroethane	2500	2210	88	2260	90	2	76-126/10
107-06-2	1,2-Dichloroethane	2500	2010	80	1980	79	2	76-118/10
75-35-4	1,1-Dichloroethene	2500	2520	101	2520	101	0	72-125/11
156-59-2	cis-1,2-Dichloroethene	2500	2210	88	2220	89	0	80-118/10
156-60-5	trans-1,2-Dichloroethene	2500	2460	98	2420	97	2	76-122/10
78-87-5	1,2-Dichloropropane	2500	2290	92	2270	91	1	82-123/10
142-28-9	1,3-Dichloropropane	2500	2420	97	2400	96	1	84-120/10
594-20-7	2,2-Dichloropropane	2500	2220	89	2200	88	1	66-130/11

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2R395-BS	2R12491.D	1	09/04/24	JN	n/a	n/a	V2R395
V2R395-BSD	2R12492.D	1	09/04/24	JN	n/a	n/a	V2R395

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95163-1, JD95163-3, JD95163-4, JD95163-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
563-58-6	1,1-Dichloropropene	2500	2410	96	2410	96	0	78-122/10
10061-01-5	cis-1,3-Dichloropropene	2500	2340	94	2330	93	0	83-123/10
10061-02-6	trans-1,3-Dichloropropene	2500	2620	105	2580	103	2	83-123/10
123-91-1	1,4-Dioxane	62500	68000	109	67900	109	0	64-163/20
60-29-7	Ethyl Ether	2500	2430	97	2440	98	0	78-131/10
100-41-4	Ethylbenzene	2500	2380	95	2340	94	2	83-115/10
76-13-1	Freon 113	2500	2570	103	2590	104	1	65-132/11
87-68-3	Hexachlorobutadiene	2500	2820	113	2700	108	4	65-130/11
591-78-6	2-Hexanone	10000	9190	92	9060	91	1	73-138/10
98-82-8	Isopropylbenzene	2500	2380	95	2390	96	0	81-122/11
99-87-6	p-Isopropyltoluene	2500	2660	106	2560	102	4	80-120/10
1634-04-4	Methyl Tert Butyl Ether	2500	2230	89	2290	92	3	75-126/12
108-10-1	4-Methyl-2-pentanone(MIBK)	10000	8950	90	8840	88	1	71-138/10
74-95-3	Methylene bromide	2500	2250	90	2210	88	2	81-122/10
75-09-2	Methylene chloride	2500	2200	88	2230	89	1	73-122/10
91-20-3	Naphthalene	2500	2830	113	2760	110	3	71-129/14
103-65-1	n-Propylbenzene	2500	2650	106	2550	102	4	77-120/10
100-42-5	Styrene	2500	2470	99	2520	101	2	84-122/10
994-05-8	tert-Amyl Methyl Ether	2500	2370	95	2370	95	0	77-125/11
637-92-3	tert-Butyl Ethyl Ether	2500	2270	91	2340	94	3	75-131/10
630-20-6	1,1,1,2-Tetrachloroethane	2500	2400	96	2370	95	1	81-125/10
79-34-5	1,1,2,2-Tetrachloroethane	2500	2630	105	2560	102	3	75-127/10
127-18-4	Tetrachloroethene	2500	2780	111	2760	110	1	73-125/11
109-99-9	Tetrahydrofuran	2500	1910	76	1910	76	0	61-136/11
108-88-3	Toluene	2500	2570	103	2520	101	2	82-118/10
87-61-6	1,2,3-Trichlorobenzene	2500	2840	114	2710	108	5	68-132/13
120-82-1	1,2,4-Trichlorobenzene	2500	2770	111	2680	107	3	72-133/12
71-55-6	1,1,1-Trichloroethane	2500	2190	88	2190	88	0	77-124/11
79-00-5	1,1,2-Trichloroethane	2500	2390	96	2430	97	2	83-122/10
79-01-6	Trichloroethene	2500	2440	98	2360	94	3	80-122/10
75-69-4	Trichlorofluoromethane	2500	2250	90	2250	90	0	69-132/11
96-18-4	1,2,3-Trichloropropane	2500	2600	104	2430	97	7	80-120/10
95-63-6	1,2,4-Trimethylbenzene	2500	2670	107	2550	102	5	80-119/10
108-67-8	1,3,5-Trimethylbenzene	2500	2660	106	2580	103	3	79-120/10
75-01-4	Vinyl chloride	2500	2070	83	2120	85	2	60-144/13
	m,p-Xylene	5000	4880	98	4780	96	2	82-119/10

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2R395-BS	2R12491.D	1	09/04/24	JN	n/a	n/a	V2R395
V2R395-BSD	2R12492.D	1	09/04/24	JN	n/a	n/a	V2R395

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95163-1, JD95163-3, JD95163-4, JD95163-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
95-47-6	o-Xylene	2500	2380	95	2360	94	1	84-120/10

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	91%	93%	80-124%
17060-07-0	1,2-Dichloroethane-D4	90%	92%	75-133%
2037-26-5	Toluene-D8	106%	105%	79-125%
460-00-4	4-Bromofluorobenzene	101%	102%	58-148%

(a) Outside in house control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD95163-1MS	2R12510.D	1	09/04/24	JN	n/a	n/a	V2R395
JD95163-1MSD	2R12511.D	1	09/04/24	JN	n/a	n/a	V2R395
JD95163-1 [a]	2R12497.D	1	09/04/24	JN	n/a	n/a	V2R395

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95163-1, JD95163-3, JD95163-4, JD95163-5

CAS No.	Compound	JD95163-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		10200	8830	87	10200	8490	84	4	10-170/24
107-13-1	Acrylonitrile	ND		2540	2530	100	2540	2500	99	1	41-148/16
71-43-2	Benzene	ND		2540	2340	92	2540	2430	96	4	61-132/13
108-86-1	Bromobenzene	ND		2540	2500	99	2540	2560	101	2	52-127/16
74-97-5	Bromochloromethane	ND		2540	2260	89	2540	2310	91	2	68-126/13
75-27-4	Bromodichloromethane	ND		2540	2330	92	2540	2610	103	11	65-129/12
75-25-2	Bromoform	ND		2540	1970	78	2540	2050	81	4	52-136/16
74-83-9	Bromomethane	ND		2540	916	36	2540	742	29	21	23-158/29
78-93-3	2-Butanone (MEK)	ND		10200	10700	105	10200	10900	107	2	45-142/14
104-51-8	n-Butylbenzene	737		2540	3280	100	2540	3380	104	3	19-154/23
135-98-8	sec-Butylbenzene	209		2540	2720	99	2540	2840	104	4	27-149/22
98-06-6	tert-Butylbenzene	60.3		2540	2540	98	2540	2650	102	4	38-142/21
75-15-0	Carbon disulfide	ND		2540	2080	82	2540	2170	86	4	50-140/18
56-23-5	Carbon tetrachloride	ND		2540	1910	75	2540	2020	80	6	54-139/21
108-90-7	Chlorobenzene	ND		2540	2480	98	2540	2570	101	4	57-127/15
75-00-3	Chloroethane	ND		2540	415	16* [b]	2540	455	18* [b]	9	30-157/29
67-66-3	Chloroform	ND		2540	2110	83	2540	2150	85	2	59-127/16
74-87-3	Chloromethane	ND		2540	2000	79	2540	2150	85	7	49-145/21
95-49-8	o-Chlorotoluene	ND		2540	2500	99	2540	2580	102	3	46-133/17
106-43-4	p-Chlorotoluene	ND		2540	2370	93	2540	2490	98	5	44-132/17
96-12-8	1,2-Dibromo-3-chloropropane	ND		2540	2510	99	2540	2590	102	3	35-140/17
124-48-1	Dibromochloromethane	ND		2540	2060	81	2540	2180	86	6	63-129/12
106-93-4	1,2-Dibromoethane	ND		2540	2520	99	2540	2620	103	4	45-141/12
95-50-1	1,2-Dichlorobenzene	ND		2540	2580	102	2540	2710	107	5	38-136/19
541-73-1	1,3-Dichlorobenzene	ND		2540	2510	99	2540	2680	106	7	37-135/19
106-46-7	1,4-Dichlorobenzene	ND		2540	2510	99	2540	2600	102	4	36-134/19
110-57-6	Trans-1,4-Dichloro-2-Butene	ND		2540	1820	72	2540	1610	63	12	28-148/18
75-71-8	Dichlorodifluoromethane	ND		2540	2990	118	2540	3100	122	4	33-152/17
75-34-3	1,1-Dichloroethane	ND		2540	2140	84	2540	2220	87	4	68-131/13
107-06-2	1,2-Dichloroethane	ND		2540	1910	75	2540	2000	79	5	64-119/12
75-35-4	1,1-Dichloroethene	ND		2540	2400	95	2540	2470	97	3	60-133/15
156-59-2	cis-1,2-Dichloroethene	ND		2540	2190	86	2540	2310	91	5	58-133/15
156-60-5	trans-1,2-Dichloroethene	ND		2540	2230	88	2540	2400	95	7	62-130/16
78-87-5	1,2-Dichloropropane	ND		2540	2370	93	2540	2450	97	3	70-127/12
142-28-9	1,3-Dichloropropane	ND		2540	2410	95	2540	2520	99	4	69-122/11
594-20-7	2,2-Dichloropropane	ND		2540	1270	50	2540	1350	53	6	45-134/18

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD95163-1MS	2R12510.D	1	09/04/24	JN	n/a	n/a	V2R395
JD95163-1MSD	2R12511.D	1	09/04/24	JN	n/a	n/a	V2R395
JD95163-1 [a]	2R12497.D	1	09/04/24	JN	n/a	n/a	V2R395

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95163-1, JD95163-3, JD95163-4, JD95163-5

CAS No.	Compound	JD95163-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
563-58-6	1,1-Dichloropropene	ND		2540	2230	88	2540	2330	92	4	62-131/15
10061-01-5	cis-1,3-Dichloropropene	ND		2540	2070	82	2540	2160	85	4	64-126/16
10061-02-6	trans-1,3-Dichloropropene	ND		2540	2240	88	2540	2410	95	7	61-127/13
123-91-1	1,4-Dioxane	ND		63400	69700	110	63400	72300	114	4	42-179/68
60-29-7	Ethyl Ether	ND		2540	2380	94	2540	2460	97	3	64-135/12
100-41-4	Ethylbenzene	ND		2540	2350	93	2540	2440	96	4	51-133/19
76-13-1	Freon 113	ND		2540	2240	88	2540	2300	91	3	46-138/17
87-68-3	Hexachlorobutadiene	ND		2540	3180	125	2540	3230	127	2	10-160/28
591-78-6	2-Hexanone	ND		10200	9930	98	10200	10000	99	1	45-144/16
98-82-8	Isopropylbenzene	96.3		2540	2400	91	2540	2540	96	6	44-142/21
99-87-6	p-Isopropyltoluene	115		2540	2550	96	2540	2690	101	5	29-145/21
1634-04-4	Methyl Tert Butyl Ether	ND		2540	2230	88	2540	2280	90	2	62-125/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		10200	9560	94	10200	9710	96	2	50-138/14
74-95-3	Methylene bromide	ND		2540	2150	85	2540	2250	89	5	66-122/12
75-09-2	Methylene chloride	ND		2540	2200	87	2540	2270	89	3	63-127/15
91-20-3	Naphthalene	ND		2540	2850	112	2540	2940	116	3	13-149/34
103-65-1	n-Propylbenzene	467		2540	2950	98	2540	3080	103	4	36-141/20
100-42-5	Styrene	ND		2540	2450	97	2540	2530	100	3	48-143/18
994-05-8	tert-Amyl Methyl Ether	ND		2540	2590	102	2540	2720	107	5	61-127/14
637-92-3	tert-Butyl Ethyl Ether	ND		2540	2270	89	2540	2340	92	3	63-133/13
630-20-6	1,1,1,2-Tetrachloroethane	ND		2540	2270	89	2540	2400	95	6	62-132/16
79-34-5	1,1,2,2-Tetrachloroethane	ND		2540	1890	74	2540	2010	79	6	44-135/20
127-18-4	Tetrachloroethene	ND		2540	2550	100	2540	2720	107	6	38-146/17
109-99-9	Tetrahydrofuran	ND		2540	2040	80	2540	2070	82	1	43-134/22
108-88-3	Toluene	ND		2540	2540	100	2540	2660	105	5	56-135/15
87-61-6	1,2,3-Trichlorobenzene	ND		2540	2720	107	2540	2740	108	1	10-153/27
120-82-1	1,2,4-Trichlorobenzene	ND		2540	2650	104	2540	2710	107	2	10-158/27
71-55-6	1,1,1-Trichloroethane	ND		2540	1980	78	2540	2080	82	5	61-134/14
79-00-5	1,1,2-Trichloroethane	ND		2540	3410	134* [b]	2540	3570	141* [b]	5	62-133/17
79-01-6	Trichloroethene	ND		2540	2830	112	2540	2890	114	2	52-144/15
75-69-4	Trichlorofluoromethane	ND		2540	1770	70	2540	1880	74	6	50-141/18
96-18-4	1,2,3-Trichloropropane	ND		2540	2710	107	2540	2690	106	1	50-134/17
95-63-6	1,2,4-Trimethylbenzene	857		2540	3370	99	2540	3520	105	4	30-149/19
108-67-8	1,3,5-Trimethylbenzene	794		2540	3260	97	2540	3420	103	5	36-145/19
75-01-4	Vinyl chloride	ND		2540	2310	91	2540	2390	94	3	48-151/18
	m,p-Xylene	ND		5080	4690	92	5080	4890	96	4	51-135/18

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD95163-1MS	2R12510.D	1	09/04/24	JN	n/a	n/a	V2R395
JD95163-1MSD	2R12511.D	1	09/04/24	JN	n/a	n/a	V2R395
JD95163-1 [a]	2R12497.D	1	09/04/24	JN	n/a	n/a	V2R395

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95163-1, JD95163-3, JD95163-4, JD95163-5

CAS No.	Compound	JD95163-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-47-6	o-Xylene	ND		2540	2310	91	2540	2450	97	6	52-137/18

CAS No.	Surrogate Recoveries	MS	MSD	JD95163-1	Limits
1868-53-7	Dibromofluoromethane	86%	88%	85%	80-124%
17060-07-0	1,2-Dichloroethane-D4	84%	88%	90%	75-133%
2037-26-5	Toluene-D8	115%	115%	118%	79-125%
460-00-4	4-Bromofluorobenzene	99%	100%	99%	58-148%

(a) Dilution required due to high concentration of non-target compound.
(b) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Internal Standard Area Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V2R395-CC360	**Injection Date:**	09/04/24
Lab File ID:	2R12489.D	**Injection Time:**	10:27
Instrument ID:	GCMS2R	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	334595	3.36	267878	4.88	498310	5.50	441278	7.68	216851	9.14
Upper Limit [a]	669190	3.86	535756	5.38	996620	6.00	882556	8.18	433702	9.64
Lower Limit [b]	167298	2.86	133939	4.38	249155	5.00	220639	7.18	108426	8.64

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V2R395-BS	365688	3.36	289042	4.88	521766	5.50	462219	7.67	218885	9.14
V2R395-BSD	373363	3.36	285394	4.88	532074	5.49	468725	7.68	229576	9.14
V2R395-MB	330740	3.39	267159	4.87	492168	5.49	441836	7.67	227734	9.14
ZZZZZZ	330740	3.39	267159	4.87	492168	5.49	441836	7.67	227734	9.14
ZZZZZZ	354914	3.39	277959	4.87	512559	5.49	458673	7.67	235432	9.14
ZZZZZZ	351438	3.39	279469	4.87	525551	5.49	469262	7.67	232925	9.14
JD95163-1 [c]	356933	3.39	290964	4.87	514611	5.49	439762	7.67	219116	9.14
ZZZZZZ	379456	3.39	292123	4.87	530384	5.49	471530	7.67	235406	9.14
JD95163-3 [c]	413039	3.39	308882	4.87	549973	5.49	479100	7.67	228815	9.14
JD95163-4 [c]	395199	3.39	297679	4.87	550671	5.49	483681	7.67	246320	9.14
JD95163-5 [d]	418908	3.39	302585	4.87	541837	5.49	481594	7.68	234581	9.14
ZZZZZZ	387990	3.39	302462	4.87	564846	5.49	497746	7.67	250399	9.14
ZZZZZZ	421773	3.39	313136	4.87	573595	5.49	517992	7.67	261809	9.14
ZZZZZZ	397936	3.39	304041	4.87	552739	5.49	489373	7.67	244608	9.14
ZZZZZZ	396587	3.39	306922	4.87	561260	5.49	492255	7.68	248151	9.14
ZZZZZZ	410772	3.39	306198	4.87	570653	5.49	510228	7.67	253977	9.14
ZZZZZZ	395928	3.39	305762	4.87	554426	5.49	492287	7.67	249947	9.14
ZZZZZZ	376552	3.39	297628	4.87	544226	5.49	484259	7.67	244770	9.14
JD95163-1MS	412824	3.39	304401	4.87	557416	5.49	488540	7.67	236121	9.14
JD95163-1MSD	411379	3.39	304142	4.87	557579	5.49	489016	7.67	236473	9.14
ZZZZZZ	393383	3.39	310116	4.87	566969	5.49	501580	7.68	255888	9.14
ZZZZZZ	390814	3.39	305018	4.87	556976	5.49	490998	7.68	239183	9.14
ZZZZZZ	385644	3.39	308447	4.87	554923	5.49	488513	7.67	240678	9.14

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Dilution required due to high concentration of non-target compound.
(d) Dilution required due to high concentration of target compound.

Internal Standard Area Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V2R396-CC360	**Injection Date:**	09/05/24
Lab File ID:	2R12527.D	**Injection Time:**	11:03
Instrument ID:	GCMS2R	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	419408	3.36	317034	4.88	574487	5.50	513474	7.68	254456	9.14
Upper Limit [a]	838816	3.86	634068	5.38	1148974	6.00	1026948	8.18	508912	9.64
Lower Limit [b]	209704	2.86	158517	4.38	287244	5.00	256737	7.18	127228	8.64

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V2R396-BS	401374	3.36	312792	4.88	567732	5.50	495162	7.68	239759	9.14
V2R396-MB	358893	3.39	295913	4.87	542141	5.49	480613	7.67	236465	9.14
ZZZZZZ	358893	3.39	295913	4.87	542141	5.49	480613	7.67	236465	9.14
ZZZZZZ	367119	3.39	290361	4.87	532761	5.49	471197	7.67	238633	9.14
JD95163-5	350781	3.36	310506	4.87	571832	5.49	504820	7.67	245458	9.14
ZZZZZZ	351715	3.38	289000	4.87	536203	5.49	482720	7.67	244306	9.14
ZZZZZZ	364214	3.39	298698	4.87	550797	5.49	486290	7.67	246278	9.14
JD95255-16	351768	3.39	298420	4.87	556239	5.49	494478	7.67	248108	9.14
ZZZZZZ	379913	3.39	303773	4.87	560617	5.49	496825	7.67	254255	9.14
ZZZZZZ	357413	3.39	303875	4.87	564851	5.49	505961	7.67	256207	9.14
ZZZZZZ	364852	3.39	294780	4.87	546391	5.49	492377	7.67	254417	9.14
ZZZZZZ	250207	3.39	289424	4.87	535615	5.49	482129	7.67	246635	9.14
ZZZZZZ	331847	3.37	305873	4.87	538472	5.49	510600	7.67	256145	9.13
ZZZZZZ	364569	3.38	307915	4.87	568859	5.49	509574	7.67	251297	9.14
JD95255-16MS	383634	3.38	298303	4.86	555484	5.49	493444	7.67	241603	9.13
JD95255-16MSD	412789	3.38	319360	4.87	592318	5.49	521032	7.67	256189	9.14

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Internal Standard Area Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V3C8258-CC8247	**Injection Date:**	09/03/24
Lab File ID:	3C189643.D	**Injection Time:**	11:18
Instrument ID:	GCMS3C	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	123516	2.22	333730	3.55	654374	4.17	587732	6.92	332084	8.87
Upper Limit [a]	247032	2.72	667460	4.05	1308748	4.67	1175464	7.42	664168	9.37
Lower Limit [b]	61758	1.72	166865	3.05	327187	3.67	293866	6.42	166042	8.37

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V3C8258-BS	126694	2.22	342014	3.55	659056	4.17	592180	6.92	333763	8.87
V3C8258-MB	119316	2.22	339242	3.56	631386	4.17	576749	6.92	321297	8.87
JD95236-1	129366	2.22	345251	3.56	648572	4.17	590483	6.92	327765	8.87
JD95236-2	124973	2.22	346020	3.56	636142	4.17	590061	6.92	323205	8.87
ZZZZZZ	114888	2.22	337297	3.56	623451	4.17	573657	6.92	320408	8.87
ZZZZZZ	109486	2.22	330644	3.56	611062	4.17	556982	6.92	302624	8.87
ZZZZZZ	120133	2.23	336510	3.56	620395	4.17	561219	6.92	313850	8.88
ZZZZZZ	115395	2.22	335906	3.56	617782	4.17	555541	6.92	312629	8.87
ZZZZZZ	105452	2.22	334982	3.56	610758	4.17	555349	6.92	302471	8.87
ZZZZZZ	104977	2.22	327917	3.56	598236	4.17	529803	6.92	294462	8.87
ZZZZZZ	120814	2.22	325210	3.56	602393	4.17	546629	6.92	304995	8.87
ZZZZZZ	104575	2.23	335579	3.56	610531	4.17	543287	6.92	296239	8.87
ZZZZZZ	111731	2.23	323166	3.56	592239	4.17	536692	6.92	298220	8.87
ZZZZZZ	117356	2.22	329958	3.56	607828	4.17	545941	6.92	303275	8.87
ZZZZZZ	111653	2.22	328181	3.56	586724	4.17	527868	6.92	277501	8.87
JD95236-1MS	109082	2.23	333534	3.56	621485	4.17	551816	6.92	301143	8.87
JD95163-7	120537	2.23	334303	3.56	613353	4.17	550311	6.92	305166	8.87
ZZZZZZ	121025	2.23	332795	3.56	603579	4.17	540640	6.92	299655	8.87
JD95236-2DUP	97500	2.22	317397	3.56	584526	4.17	524744	6.92	282403	8.87
ZZZZZZ	104392	2.22	324117	3.56	596875	4.17	531722	6.92	294515	8.87
ZZZZZZ	113670	2.23	340612	3.56	620947	4.17	559701	6.92	306813	8.87
ZZZZZZ	118941	2.23	342413	3.56	623559	4.17	553088	6.92	312360	8.87
JD95163-2	105536	2.22	344384	3.56	619892	4.17	556257	6.92	304902	8.87
JD95163-6	110802	2.23	338775	3.56	605900	4.17	550354	6.92	302406	8.87

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Surrogate Recovery Summary

Job Number: JD95163
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Method: SW846 8260D **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JD95163-1	2R12497.D	85	90	118	99
JD95163-2	3C189668.D	101	107	100	100
JD95163-3	2R12500.D	85	90	115	101
JD95163-4	2R12501.D	85	89	107	97
JD95163-5	2R12535.D	90	92	106	101
JD95163-5	2R12502.D	84	89	115	98
JD95163-6	3C189669.D	101	108	100	99
JD95163-7	3C189662.D	101	103	101	96
JD95163-1MS	2R12510.D	86	84	115	99
JD95163-1MSD	2R12511.D	88	88	115	100
V2R395-BS	2R12491.D	91	90	106	101
V2R395-BSD	2R12492.D	93	92	105	102
V2R395-MB	2R12494.D	90	96	104	99
V2R396-BS	2R12530.D	90	89	105	100
V2R396-MB	2R12532A.D	87	91	105	101
V3C8258-BS	3C189644.D	112	103	101	97
V3C8258-MB	3C189646.D	105	102	101	97

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-124%
S2 = 1,2-Dichloroethane-D4	75-133%
S3 = Toluene-D8	79-125%
S4 = 4-Bromofluorobenzene	58-148%

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 09/03/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	1.7	8.1		
Antimony	2.0	.17	.41		
Arsenic	2.0	.21	.28		
Barium	20	.08	1.9		
Beryllium	0.20	.03	.08		
Bismuth	2.0	.23	.52		
Boron	10	.23	3.7		
Cadmium	0.50	.03	.07		
Calcium	500	.66	21		
Chromium	1.0	.03	.37		
Cobalt	5.0	.04	.28		
Copper	2.5	.08	.84		
Iron	50	.53	19		
Lead	2.0	.11	.41	-0.050	<2.0
Lithium	5.0	.48	.92		
Magnesium	500	3.2	14		
Manganese	1.5	.01	.41		
Molybdenum	2.0	.06	.32		
Nickel	4.0	.04	.35		
Phosphorus	20	.12	3.3		
Potassium	1000	7.7	32		
Selenium	2.0	.32	.65		
Silicon	20	.17	11		
Silver	0.50	.1	.17		
Sodium	1000	3.4	78		
Strontium	5.0	.03	.18		
Sulfur	10	.3	3.9		
Thallium	1.0	.18	.58		
Tin	20	.08	3.8		
Titanium	1.0	.05	.34		
Tungsten	5.0	.26	1.8		
Vanadium	5.0	.06	.19		
Zinc	5.0	.01	2.3		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 09/03/24

Metal	RL	IDL	MDL	MB raw	final
Zirconium	2.0	.03	.54		

Associated samples MP48928: JD95163-1, JD95163-2, JD95163-3, JD95163-4, JD95163-5, JD95163-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.1.1
7

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 09/03/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron				
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	193	200	96.5	80-120
Lithium				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 09/03/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP48928: JD95163-1, JD95163-2, JD95163-3, JD95163-4, JD95163-5, JD95163-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	JD94993-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron				
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	185	186	0.6	0-10
Lithium				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID
Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	JD94993-1 Original SDL 1:5	%DIF	QC Limits
Zirconium			

Associated samples MP48928: JD95163-1, JD95163-2, JD95163-3, JD95163-4, JD95163-5, JD95163-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

POST DIGESTATE SPIKE SUMMARY

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	Sample ml	Final ml	JD94993-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Bismuth										
Boron										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead										
Lithium										
Magnesium										
Manganese										
Molybdenum										
Nickel										
Phosphorus										
Potassium										
Selenium										
Silicon										
Silver										
Sodium										
Strontium										
Sulfur										
Thallium										
Tin										
Titanium										
Tungsten										
Vanadium										
Zinc										

POST DIGESTATE SPIKE SUMMARY

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	Sample ml	Final ml	JD94993-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Zirconium										

Associated samples MP48928: JD95163-1, JD95163-2, JD95163-3, JD95163-4, JD95163-5, JD95163-6

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48958
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	27	46		
Antimony	100	2.2	4.7		
Arsenic	100	1.3	2.8		
Barium	200	1	13		
Beryllium	2.0	.2	.5		
Bismuth	20	2.1	4		
Boron	100	1	63		
Cadmium	4.0	.2	1		
Calcium	5000	7.7	99		
Chromium	10	.5	2		
Cobalt	50	.4	2.6		
Copper	10	6.8	5.9		
Iron	100	15	32		
Lead	100	1.6	1.8	0.40	<100
Lithium	50	3.7	7.3		
Magnesium	5000	54	140		
Manganese	15	.1	1.4		
Molybdenum	20	.5	3.6		
Nickel	10	.3	1.7		
Phosphorus	50	1.8	18		
Potassium	10000	77	200		
Selenium	100	2	4.9		
Silicon	200	1.3	100		
Silver	10	.9	1.9		
Sodium	10000	23	570		
Strontium	10	.4	1		
Sulfur	50	4.1	45		
Thallium	100	1.6	1.8		
Tin	10	.9	3.7		
Titanium	10	.9	2.5		
Tungsten	50	2	40		
Vanadium	50	.8	1.8		
Zinc	20	.2	6.9		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48958
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	RL	IDL	MDL	MB raw	final
Zirconium	10	.5	4.1		

Associated samples MP48958: JD95163-6A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48958
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	JD95163-6A Original MS		Spikelot MPSPK2	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Bismuth					
Boron					
Cadmium					
Calcium					
Chromium					
Cobalt					
Copper					
Iron					
Lead	2.6	1850	2000	92.4	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium					
Strontium					
Sulfur					
Thallium					
Tin					
Titanium					
Tungsten					
Vanadium					
Zinc					

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48958
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	JD95163-6A Original MS	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP48958: JD95163-6A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48958
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	JD95163-6A Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Bismuth						
Boron						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead	2.6	1810	2000	90.4	2.2	20
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Sulfur						
Thallium						
Tin						
Titanium						
Tungsten						
Vanadium						
Zinc						

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48958
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	JD95163-6A Original MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Zirconium					

Associated samples MP48958: JD95163-6A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48958
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date:			09/03/24				09/03/24	
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Bismuth								
Boron								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead	1990	2000	99.5	80-120	2100	2000	105.0	80-120
Lithium								
Magnesium								
Manganese								
Molybdenum								
Nickel								
Phosphorus								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Tin								
Titanium								
Tungsten								
Vanadium								
Zinc								

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48958
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date:		09/03/24				09/03/24		
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium								

Associated samples MP48958: JD95163-6A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48958
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	JD95163-6A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Bismuth				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	2.60	0.00	100.0(a)	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD95163
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48958 Methods: SW846 6010D
Matrix Type: LEACHATE Units: ug/l

Prep Date: 09/03/24

Metal	JD95163-6A Original SDL 1:5	%DIF	QC Limits
Zirconium			

Associated samples MP48958: JD95163-6A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

SGS

Dayton, NJ

09/11/24

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Groundwater & Environmental Services

Eversource, Berlin, CT

1503724-53-878

SGS Job Number: JD95164

Sampling Date: 08/27/24



Report to:

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Total number of pages in report: 48

NELAP ACCREDITED TNI LABORATORY

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

David Chastain
General Manager

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Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Sections: 1 2 3 4 5 6 7

Table of Contents

-1-

Section 1: Sample Summary 3
Section 2: Case Narrative/Conformance Summary 4
Section 3: Summary of Hits 6
Section 4: Sample Results 7
4.1: JD95164-1: SB-100 (13-15) 8
4.2: JD95164-2: SB-100 (13-15)-DUP 12
4.3: JD95164-3: SB-100 (14-20) 16
4.4: JD95164-4: TRIP BLANK 20
Section 5: Misc. Forms 23
5.1: Chain of Custody 24
5.2: RCP Form 26
5.3: Sample Tracking Chronicle 27
5.4: QC Evaluation: CT RCP Limits 28
Section 6: MS Volatiles - QC Data Summaries 31
6.1: Method Blank Summary 32
6.2: Blank Spike Summary 35
6.3: Internal Standard Area Summaries 38
6.4: Surrogate Recovery Summaries 39
Section 7: Metals Analysis - QC Data Summaries 40
7.1: Prep QC MP48928: Pb 41

SGS North America Inc.

Sample Summary

Groundwater & Environmental Services

Job No: JD95164

Eversource, Berlin, CT
Project No: 1503724-53-878

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND	= Not detected above the RL						
JD95164-1	08/27/24	15:55	MJ	08/29/24	SO	Soil	SB-100 (13-15)
JD95164-2	08/27/24	16:00	MJ	08/29/24	SO	Soil	SB-100 (13-15)-DUP
JD95164-3	08/27/24	16:10	MJ	08/29/24	SO	Soil	SB-100 (14-20)
JD95164-4	08/27/24	16:10	MJ	08/29/24	SO	Trip Blank Soil	TRIP BLANK

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

2

Client: Groundwater & Environmental Services **Job No:** JD95164

Site: Eversource, Berlin, CT **Report Date** 9/11/2024 10:00:53 A

On 08/29/2024, 3 sample(s), 1 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 2.7 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JD95164 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: SO **Batch ID:** V3C8258

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- JD95164-1 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95164-4 for 1,4-Dioxane: Associated CCV outside of control limits high, sample was ND.
- JD95164-4 for Chloroethane: Associated CCV outside of control limits high, sample was ND.
- JD95164-4 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD95164-4 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95164-4 for 4-Methyl-2-pentanone(MIBK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95164-4 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95164-1 for 1,4-Dioxane: Associated CCV outside of control limits high, sample was ND.
- JD95164-1 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD95164-1 for 4-Methyl-2-pentanone(MIBK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95164-1 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95164-3 for Chloroethane: Associated CCV outside of control limits high, sample was ND.
- JD95164-3 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95164-3 for 4-Methyl-2-pentanone(MIBK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95164-1 for Chloroethane: Associated CCV outside of control limits high, sample was ND.
- JD95164-3 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD95164-2 for 1,4-Dioxane: Associated CCV outside of control limits high, sample was ND.
- JD95164-3 for 1,4-Dioxane: Associated CCV outside of control limits high, sample was ND.
- JD95164-2 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95164-2 for 4-Methyl-2-pentanone(MIBK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95164-2 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD95164-2 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD95164-2 for Chloroethane: Associated CCV outside of control limits high, sample was ND.

2

MS Volatiles By Method SW846 8260D

Matrix:	SO	Batch ID:	V3C8258

- JD95164-3 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- Not all RL meet the requirement.

Metals Analysis By Method SW846 6010D

Matrix:	SO	Batch ID:	MP48928

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD94993-1SDL were used as the QC samples for the metals analysis.
- Only Lead reported per client's requests.

General Chemistry By Method SM2540 G 18TH ED MOD

Matrix:	SO	Batch ID:	GN59289

- The data for SM2540 G 18TH ED MOD meets quality control requirements.

Matrix:	SO	Batch ID:	GN59420

- Sample(s) JD95164-1DUP were used as the QC samples for the Solids, Percent analysis.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JD95164
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/27/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD95164-1	**SB-100 (13-15)**					
Acetone [a]		0.0163	0.0090		mg/kg	SW846 8260D
n-Butylbenzene		0.0022	0.0018		mg/kg	SW846 8260D
Lead		8.1	2.2		mg/kg	SW846 6010D
JD95164-2	**SB-100 (13-15)-DUP**					
Acetone [a]		0.0220	0.0071		mg/kg	SW846 8260D
Lead		7.8	2.3	0.48	mg/kg	SW846 6010D
JD95164-3	**SB-100 (14-20)**					
Acetone [a]		0.0247	0.0069		mg/kg	SW846 8260D
n-Butylbenzene		0.0045	0.0014		mg/kg	SW846 8260D
sec-Butylbenzene		0.0017	0.0014		mg/kg	SW846 8260D
Lead		6.0	2.4	0.49	mg/kg	SW846 6010D
JD95164-4	**TRIP BLANK**					

No hits reported in this sample.

(a) Response factor for this compound is below 0.05 in the initial and continuing calibrations.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-100 (13-15)		
Lab Sample ID:	JD95164-1	**Date Sampled:**	08/27/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	89.4
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C189665.D	1	09/03/24 21:12	PS	n/a	n/a	V3C8258
Run #2							

	Initial Weight
Run #1	6.2 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0163	0.0090	mg/kg	
107-13-1	Acrylonitrile [b]	ND	0.0090	mg/kg	
71-43-2	Benzene	ND	0.00045	mg/kg	
108-86-1	Bromobenzene	ND	0.0045	mg/kg	
74-97-5	Bromochloromethane	ND	0.0045	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0018	mg/kg	
75-25-2	Bromoform	ND	0.0045	mg/kg	
74-83-9	Bromomethane	ND	0.0045	mg/kg	
78-93-3	2-Butanone (MEK) [a]	ND	0.0090	mg/kg	
104-51-8	n-Butylbenzene	0.0022	0.0018	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0018	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0018	mg/kg	
75-15-0	Carbon disulfide	ND	0.0018	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0018	mg/kg	
108-90-7	Chlorobenzene	ND	0.0018	mg/kg	
75-00-3	Chloroethane [c]	ND	0.0045	mg/kg	
67-66-3	Chloroform	ND	0.0018	mg/kg	
74-87-3	Chloromethane	ND	0.0045	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0018	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0018	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0018	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0018	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00090	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00090	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00090	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00090	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0045	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0045	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00090	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00090	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.00090	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00090	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-100 (13-15)		
Lab Sample ID:	JD95164-1	**Date Sampled:**	08/27/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	89.4
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.00090	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0018	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0018	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0018	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0018	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0018	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0018	mg/kg	
123-91-1	1,4-Dioxane [c]	ND	0.11	mg/kg	
60-29-7	Ethyl Ether	ND	0.0018	mg/kg	
100-41-4	Ethylbenzene	ND	0.00090	mg/kg	
76-13-1	Freon 113	ND	0.0045	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0045	mg/kg	
591-78-6	2-Hexanone	ND	0.0045	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0018	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0018	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00090	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	0.0045	mg/kg	
74-95-3	Methylene bromide	ND	0.0045	mg/kg	
75-09-2	Methylene chloride	ND	0.0045	mg/kg	
91-20-3	Naphthalene	ND	0.0045	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0018	mg/kg	
100-42-5	Styrene	ND	0.0018	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.0018	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.0018	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0018	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0018	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0018	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.0090	mg/kg	
108-88-3	Toluene	ND	0.00090	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0045	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0045	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0018	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0018	mg/kg	
79-01-6	Trichloroethene	ND	0.00090	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0045	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0045	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0018	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0018	mg/kg	
75-01-4	Vinyl chloride	ND	0.0018	mg/kg	
	m,p-Xylene	ND	0.00090	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-100 (13-15)		
Lab Sample ID:	JD95164-1	**Date Sampled:**	08/27/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	89.4
Project:	Eversource, Berlin, CT		

4.1
4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	0.00090	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-124%
17060-07-0	1,2-Dichloroethane-D4	105%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

(a) Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(b) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-100 (13-15)		
Lab Sample ID:	JD95164-1	**Date Sampled:**	08/27/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
		Percent Solids:	89.4
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	8.1	2.2	mg/kg	1	09/03/24	09/04/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56816
(2) Prep QC Batch: MP48928

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-100 (13-15)-DUP		
Lab Sample ID:	JD95164-2	**Date Sampled:**	08/27/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	88.9
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C189666.D	1	09/03/24 21:39	PS	n/a	n/a	V3C8258
Run #2							

	Initial Weight
Run #1	7.9 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0220	0.0071	mg/kg	
107-13-1	Acrylonitrile [b]	ND	0.0071	mg/kg	
71-43-2	Benzene	ND	0.00036	mg/kg	
108-86-1	Bromobenzene	ND	0.0036	mg/kg	
74-97-5	Bromochloromethane	ND	0.0036	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0014	mg/kg	
75-25-2	Bromoform	ND	0.0036	mg/kg	
74-83-9	Bromomethane	ND	0.0036	mg/kg	
78-93-3	2-Butanone (MEK) [a]	ND	0.0071	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0014	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0014	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0014	mg/kg	
75-15-0	Carbon disulfide	ND	0.0014	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0014	mg/kg	
108-90-7	Chlorobenzene	ND	0.0014	mg/kg	
75-00-3	Chloroethane [c]	ND	0.0036	mg/kg	
67-66-3	Chloroform	ND	0.0014	mg/kg	
74-87-3	Chloromethane	ND	0.0036	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0014	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0014	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0014	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0014	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00071	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00071	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00071	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00071	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0036	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0036	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00071	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00071	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.00071	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00071	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-100 (13-15)-DUP		
Lab Sample ID:	JD95164-2	**Date Sampled:**	08/27/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	88.9
Project:	Eversource, Berlin, CT		

4.2
4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.00071	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0014	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0014	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0014	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0014	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0014	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0014	mg/kg	
123-91-1	1,4-Dioxane [c]	ND	0.089	mg/kg	
60-29-7	Ethyl Ether	ND	0.0014	mg/kg	
100-41-4	Ethylbenzene	ND	0.00071	mg/kg	
76-13-1	Freon 113	ND	0.0036	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0036	mg/kg	
591-78-6	2-Hexanone	ND	0.0036	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0014	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0014	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00071	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	0.0036	mg/kg	
74-95-3	Methylene bromide	ND	0.0036	mg/kg	
75-09-2	Methylene chloride	ND	0.0036	mg/kg	
91-20-3	Naphthalene	ND	0.0036	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0014	mg/kg	
100-42-5	Styrene	ND	0.0014	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.0014	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.0014	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0014	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0014	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0014	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.0071	mg/kg	
108-88-3	Toluene	ND	0.00071	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0036	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0036	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0014	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0014	mg/kg	
79-01-6	Trichloroethene	ND	0.00071	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0036	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0036	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0014	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0014	mg/kg	
75-01-4	Vinyl chloride	ND	0.0014	mg/kg	
	m,p-Xylene	ND	0.00071	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-100 (13-15)-DUP		
Lab Sample ID:	JD95164-2	**Date Sampled:**	08/27/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	88.9
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	0.00071	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-124%
17060-07-0	1,2-Dichloroethane-D4	104%		75-133%
2037-26-5	Toluene-D8	100%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

(a) Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(b) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID: SB-100 (13-15)-DUP
Lab Sample ID: JD95164-2
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 08/27/24
Date Received: 08/29/24
Percent Solids: 88.9

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	7.8	2.3	0.48	mg/kg	1	09/03/24	09/04/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56816
(2) Prep QC Batch: MP48928

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-100 (14-20)		
Lab Sample ID:	JD95164-3	**Date Sampled:**	08/27/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	87.8
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C189667.D	1	09/03/24 22:05	PS	n/a	n/a	V3C8258
Run #2							

	Initial Weight
Run #1	8.2 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0247	0.0069	mg/kg	
107-13-1	Acrylonitrile [b]	ND	0.0069	mg/kg	
71-43-2	Benzene	ND	0.00035	mg/kg	
108-86-1	Bromobenzene	ND	0.0035	mg/kg	
74-97-5	Bromochloromethane	ND	0.0035	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0014	mg/kg	
75-25-2	Bromoform	ND	0.0035	mg/kg	
74-83-9	Bromomethane	ND	0.0035	mg/kg	
78-93-3	2-Butanone (MEK) [a]	ND	0.0069	mg/kg	
104-51-8	n-Butylbenzene	0.0045	0.0014	mg/kg	
135-98-8	sec-Butylbenzene	0.0017	0.0014	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0014	mg/kg	
75-15-0	Carbon disulfide	ND	0.0014	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0014	mg/kg	
108-90-7	Chlorobenzene	ND	0.0014	mg/kg	
75-00-3	Chloroethane [c]	ND	0.0035	mg/kg	
67-66-3	Chloroform	ND	0.0014	mg/kg	
74-87-3	Chloromethane	ND	0.0035	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0014	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0014	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0014	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0014	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00069	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00069	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00069	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00069	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0035	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0035	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00069	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00069	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.00069	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00069	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-100 (14-20)		
Lab Sample ID:	JD95164-3	**Date Sampled:**	08/27/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	87.8
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.00069	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0014	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0014	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0014	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0014	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0014	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0014	mg/kg	
123-91-1	1,4-Dioxane [c]	ND	0.087	mg/kg	
60-29-7	Ethyl Ether	ND	0.0014	mg/kg	
100-41-4	Ethylbenzene	ND	0.00069	mg/kg	
76-13-1	Freon 113	ND	0.0035	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0035	mg/kg	
591-78-6	2-Hexanone	ND	0.0035	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0014	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0014	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00069	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	0.0035	mg/kg	
74-95-3	Methylene bromide	ND	0.0035	mg/kg	
75-09-2	Methylene chloride	ND	0.0035	mg/kg	
91-20-3	Naphthalene	ND	0.0035	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0014	mg/kg	
100-42-5	Styrene	ND	0.0014	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.0014	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.0014	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0014	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0014	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0014	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.0069	mg/kg	
108-88-3	Toluene	ND	0.00069	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0035	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0035	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0014	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0014	mg/kg	
79-01-6	Trichloroethene	ND	0.00069	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0035	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0035	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0014	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0014	mg/kg	
75-01-4	Vinyl chloride	ND	0.0014	mg/kg	
	m,p-Xylene	ND	0.00069	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-100 (14-20)		
Lab Sample ID:	JD95164-3	**Date Sampled:**	08/27/24
Matrix:	SO - Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	87.8
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	0.00069	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%
17060-07-0	1,2-Dichloroethane-D4	107%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

(a) Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(b) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID: SB-100 (14-20)
Lab Sample ID: JD95164-3
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 08/27/24
Date Received: 08/29/24
Percent Solids: 87.8

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	6.0	2.4	0.49	mg/kg	1	09/03/24	09/04/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56816
(2) Prep QC Batch: MP48928

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD95164-4	**Date Sampled:**	08/27/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C189663.D	1	09/03/24 20:20	PS	n/a	n/a	V3C8258
Run #2							

	Initial Weight
Run #1	5.0 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	ND	0.010	mg/kg	
107-13-1	Acrylonitrile [b]	ND	0.010	mg/kg	
71-43-2	Benzene	ND	0.00050	mg/kg	
108-86-1	Bromobenzene	ND	0.0050	mg/kg	
74-97-5	Bromochloromethane	ND	0.0050	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0020	mg/kg	
75-25-2	Bromoform	ND	0.0050	mg/kg	
74-83-9	Bromomethane	ND	0.0050	mg/kg	
78-93-3	2-Butanone (MEK) [a]	ND	0.010	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0020	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0020	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0020	mg/kg	
75-15-0	Carbon disulfide	ND	0.0020	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0020	mg/kg	
108-90-7	Chlorobenzene	ND	0.0020	mg/kg	
75-00-3	Chloroethane [c]	ND	0.0050	mg/kg	
67-66-3	Chloroform	ND	0.0020	mg/kg	
74-87-3	Chloromethane	ND	0.0050	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0020	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0020	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0020	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0010	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0050	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0050	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0010	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0010	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0010	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.0010	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD95164-4	**Date Sampled:**	08/27/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.0010	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0020	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0020	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0020	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0020	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0020	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0020	mg/kg	
123-91-1	1,4-Dioxane [c]	ND	0.13	mg/kg	
60-29-7	Ethyl Ether	ND	0.0020	mg/kg	
100-41-4	Ethylbenzene	ND	0.0010	mg/kg	
76-13-1	Freon 113	ND	0.0050	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0050	mg/kg	
591-78-6	2-Hexanone	ND	0.0050	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0020	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0020	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	0.0050	mg/kg	
74-95-3	Methylene bromide	ND	0.0050	mg/kg	
75-09-2	Methylene chloride	ND	0.0050	mg/kg	
91-20-3	Naphthalene	ND	0.0050	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0020	mg/kg	
100-42-5	Styrene	ND	0.0020	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.0020	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.0020	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0020	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0020	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0020	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.010	mg/kg	
108-88-3	Toluene	ND	0.0010	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0050	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0050	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0020	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0020	mg/kg	
79-01-6	Trichloroethene	ND	0.0010	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0050	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0050	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	mg/kg	
75-01-4	Vinyl chloride	ND	0.0020	mg/kg	
	m,p-Xylene	ND	0.0010	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD95164-4	**Date Sampled:**	08/27/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/29/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	0.0010	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%
17060-07-0	1,2-Dichloroethane-D4	102%		75-133%
2037-26-5	Toluene-D8	100%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

(a) Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(b) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(c) Associated CCV outside of control limits high, sample was ND.

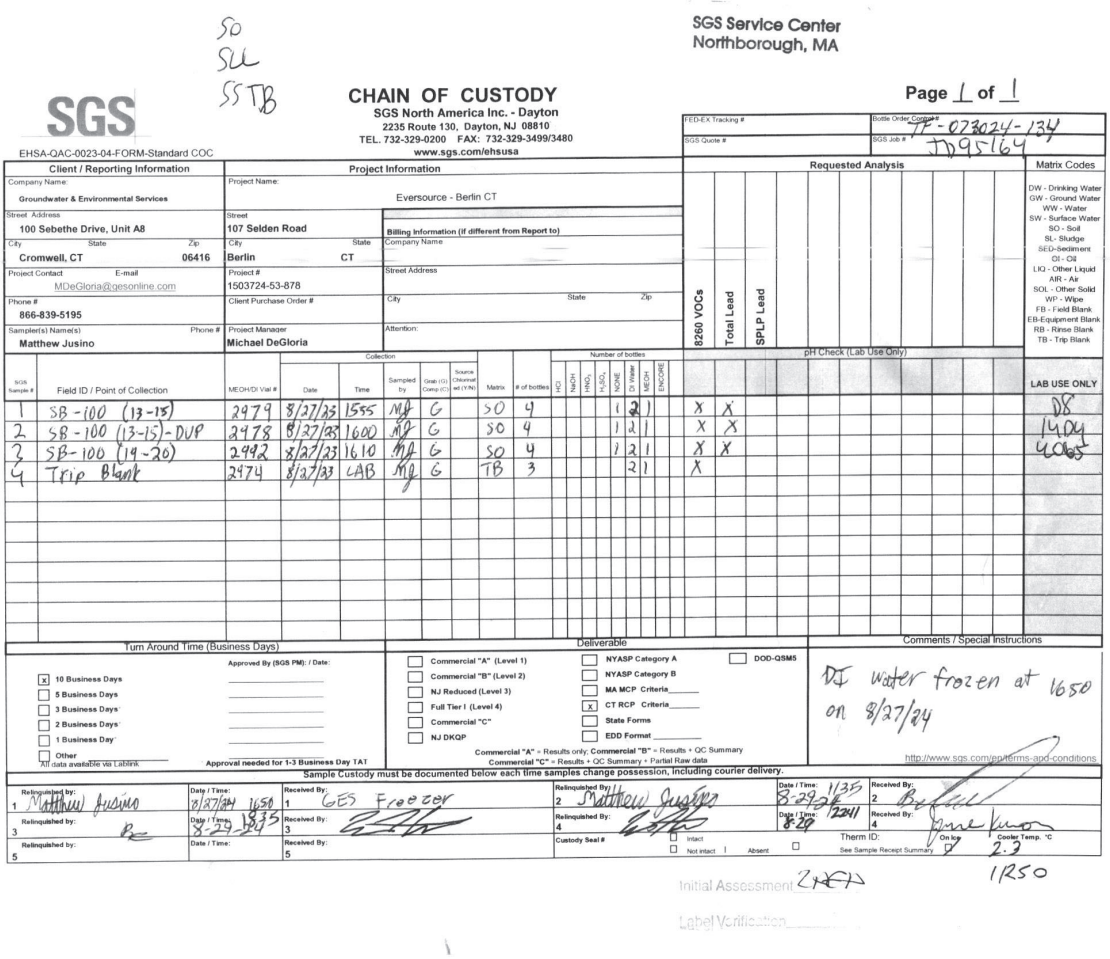
ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- RCP Form
- Sample Tracking Chronicle
- QC Evaluation: CT RCP Limits



SO
SLL
SSTB

SGS

EHSA-QAC-0023-04-FORM-Standard COC

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

SGS Service Center
Northborough, MA

Page 1 of 1

FED-EX Tracking #:
Bottle Order Control #: JF-073024-134
SGS Quote #:
SGS Job #: JD95164

Client / Reporting Information

Company Name: Groundwater & Environmental Services
Street Address: 100 Sebethe Drive, Unit A8
City: Cromwell, CT State: Zip: 06416
Project Contact: E-mail: MDeGloria@gesonline.com
Phone #: 866-839-5195
Sampler(s) Name(s): Matthew Jusino Phone #:

Project Information

Project Name: Eversource - Berlin CT
Street: 107 Selden Road
City: Berlin State: CT
Project #: 1503724-53-878
Client Purchase Order #:
Project Manager: Michael DeGloria

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis

8260 VOCs; Total Lead; SPLP Lead

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	Number of bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)	LAB USE ONLY
1	SB-100 (13-15)	2479	8/27/24	1555	MJ	G		SO	4						1	2	1	X X	DB
2	SB-100 (13-15)-DUP	2478	8/27/24	1600	MJ	G		SO	4						1	2	1	X X	14DY
3	SB-100 (19-20)	2492	8/27/24	1610	MJ	G		SO	4						1	2	1	X X	40DY
4	Trip Blank	2474	8/27/24	LAB	MJ	G		TB	3							2	1	X	

Turn Around Time (Business Days)

Approved By (SGS PM): / Date:

- [x] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other

All data available via Labtrk

Approval needed for 1-3 Business Day TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] MA MCP Criteria
- [x] CT RCP Criteria
- [ ] State Forms
- [ ] EDD Format
- [ ] DOD-QSM5

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

DI water frozen at 1650 on 8/27/24

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date / Time:	Received By:
1	Matthew Jusino	8/27/24 1650	1 GES Freezer
3		8-29-24 1835	3
5		Date / Time:	5 Received By:

	Relinquished By:	Date / Time:	Received By:
2	Matthew Jusino	8-29-24 1135	2
4		8-29 1241	4

Custody Seal # Intact Not intact Absent

Therm ID: On Ice Cooler Temp. °C: 2.3

See Sample Receipt Summary

Initial Assessment ZMH 1150

Label Verification

5.1 5

JD95164: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: JD95164 **Client:** GROUNDWATER & ENVIRONMENTAL S **Project:** EVERSOURCE, BERLIN, CT

Date / Time Received: 8/29/2024 10:41:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.3);

Cooler Temps (Corrected) °C: Cooler 1: (2.7);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-50		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

5.1 5

JD95164: Chain of Custody
Page 2 of 2

Reasonable Confidence Protocol
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: SGS North America Inc. **Client:** Groundwater & Environmental Services

Project Location: Eversource, Berlin, CT **Project Number:**

Sampling Date(s): 8/27/2024

Laboratory Sample ID(s): JD95164-1, JD95164-2, JD95164-3, JD95164-4

Methods: NONE, SM2540 G 18TH ED MOD, SW846 6010D, SW846 8260D

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 CTDEEP method-specific Reasonable Confidence Protocol documents)?	Yes ☑ No ☐
1A	Were all the method specified preservation and holding time requirements met?	Yes ☑ No ☐
1B	VPH and EPH Methods only:Was the VPH or EPH method conducted without significant modifications (see respective RCPs)	Yes ☐ No ☐ NA ☑
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes ☑ No ☐
3	Were samples received at an appropriate temperature (≤6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6ºC are acceptable .	Yes ☑ No ☐
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable ConfidenceProtocol documents achieved?	Yes ☑ No ☐
5	Were reporting limits specified or referenced on the chain-of-custody?	Yes ☑ No ☐
5A	Were these reporting limits / limits of quantitation 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 for applicable RCPs?	Yes ☐ No ☑

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence." This form may not be altered, and all questions must be answered .

I, the undersigned, attest under 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:  Position: General Manager

Printed Name: David Chastain Date: 9/11/2024

RCP QA/QC Certification Form Version 2024 Page 1 of 1

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD95164

Eversource, Berlin, CT
Project No: 1503724-53-878

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD95164-1	Collected: 27-AUG-24 15:55 By: MJ		Received: 29-AUG-24 By: JK			
SB-100 (13-15)						
JD95164-1	SW846 8260D	03-SEP-24 21:12	PS			V8260RCP
JD95164-1	SW846 6010D	04-SEP-24 12:29	MM	03-SEP-24	BP	PB
JD95164-1	SM2540 G 18TH ED MOD	09-SEP-24 15:52	AM			SOL104
JD95164-2	Collected: 27-AUG-24 16:00 By: MJ		Received: 29-AUG-24 By: JK			
SB-100 (13-15)-DUP						
JD95164-2	SW846 8260D	03-SEP-24 21:39	PS			V8260RCP
JD95164-2	SW846 6010D	04-SEP-24 12:44	MM	03-SEP-24	BP	PB
JD95164-2	SM2540 G 18TH ED MOD	09-SEP-24 15:26	AM			SOL104
JD95164-3	Collected: 27-AUG-24 16:10 By: MJ		Received: 29-AUG-24 By: JK			
SB-100 (14-20)						
JD95164-3	SW846 8260D	03-SEP-24 22:05	PS			V8260RCP
JD95164-3	SW846 6010D	04-SEP-24 12:49	MM	03-SEP-24	BP	PB
JD95164-3	SM2540 G 18TH ED MOD	09-SEP-24 15:26	AM			SOL104
JD95164-4	Collected: 27-AUG-24 16:10 By: MJ		Received: 29-AUG-24 By: JK			
TRIP BLANK						
JD95164-4	SW846 8260D	03-SEP-24 20:20	PS			V8260RCP

QC Evaluation: CT RCP Limits

Job Number: JD95164
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/27/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V3C8258	SW846 8260D						
V3C8258-BS	67-64-1	Acetone	BSP	REC	92	%	70-130
V3C8258-BS	107-13-1	Acrylonitrile	BSP	REC	136	%	70-130
V3C8258-BS	71-43-2	Benzene	BSP	REC	101	%	70-130
V3C8258-BS	108-86-1	Bromobenzene	BSP	REC	91	%	70-130
V3C8258-BS	74-97-5	Bromochloromethane	BSP	REC	101	%	70-130
V3C8258-BS	75-27-4	Bromodichloromethane	BSP	REC	103	%	70-130
V3C8258-BS	75-25-2	Bromoform	BSP	REC	93	%	70-130
V3C8258-BS	74-83-9	Bromomethane	BSP	REC	111	%	70-130
V3C8258-BS	78-93-3	2-Butanone (MEK)	BSP	REC	99	%	70-130
V3C8258-BS	104-51-8	n-Butylbenzene	BSP	REC	93	%	70-130
V3C8258-BS	135-98-8	sec-Butylbenzene	BSP	REC	92	%	70-130
V3C8258-BS	98-06-6	tert-Butylbenzene	BSP	REC	92	%	70-130
V3C8258-BS	75-15-0	Carbon disulfide	BSP	REC	97	%	70-130
V3C8258-BS	56-23-5	Carbon tetrachloride	BSP	REC	97	%	70-130
V3C8258-BS	108-90-7	Chlorobenzene	BSP	REC	93	%	70-130
V3C8258-BS	75-00-3	Chloroethane	BSP	REC	123	%	70-130
V3C8258-BS	67-66-3	Chloroform	BSP	REC	103	%	70-130
V3C8258-BS	74-87-3	Chloromethane	BSP	REC	106	%	70-130
V3C8258-BS	95-49-8	o-Chlorotoluene	BSP	REC	91	%	70-130
V3C8258-BS	106-43-4	p-Chlorotoluene	BSP	REC	90	%	70-130
V3C8258-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	86	%	70-130
V3C8258-BS	124-48-1	Dibromochloromethane	BSP	REC	97	%	70-130
V3C8258-BS	106-93-4	1,2-Dibromoethane	BSP	REC	94	%	70-130
V3C8258-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	89	%	70-130
V3C8258-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	90	%	70-130
V3C8258-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	87	%	70-130
V3C8258-BS	110-57-6	Trans-1,4-Dichloro-2-Butene	BSP	REC	86	%	70-130
V3C8258-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	101	%	70-130
V3C8258-BS	75-34-3	1,1-Dichloroethane	BSP	REC	110	%	70-130
V3C8258-BS	107-06-2	1,2-Dichloroethane	BSP	REC	97	%	70-130
V3C8258-BS	75-35-4	1,1-Dichloroethene	BSP	REC	107	%	70-130
V3C8258-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	105	%	70-130
V3C8258-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	105	%	70-130
V3C8258-BS	78-87-5	1,2-Dichloropropane	BSP	REC	104	%	70-130
V3C8258-BS	142-28-9	1,3-Dichloropropane	BSP	REC	97	%	70-130
V3C8258-BS	594-20-7	2,2-Dichloropropane	BSP	REC	97	%	70-130
V3C8258-BS	563-58-6	1,1-Dichloropropene	BSP	REC	97	%	70-130
V3C8258-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	104	%	70-130
V3C8258-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	98	%	70-130
V3C8258-BS	123-91-1	1,4-Dioxane	BSP	REC	114	%	70-130
V3C8258-BS	60-29-7	Ethyl Ether	BSP	REC	111	%	70-130
V3C8258-BS	100-41-4	Ethylbenzene	BSP	REC	94	%	70-130

* Sample used for QC is not from job JD95164

QC Evaluation: CT RCP Limits

Job Number: JD95164
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/27/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V3C8258-BS	76-13-1	Freon 113	BSP	REC	97	%	70-130
V3C8258-BS	87-68-3	Hexachlorobutadiene	BSP	REC	92	%	70-130
V3C8258-BS	591-78-6	2-Hexanone	BSP	REC	94	%	70-130
V3C8258-BS	98-82-8	Isopropylbenzene	BSP	REC	91	%	70-130
V3C8258-BS	99-87-6	p-Isopropyltoluene	BSP	REC	92	%	70-130
V3C8258-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	104	%	70-130
V3C8258-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	91	%	70-130
V3C8258-BS	74-95-3	Methylene bromide	BSP	REC	96	%	70-130
V3C8258-BS	75-09-2	Methylene chloride	BSP	REC	101	%	70-130
V3C8258-BS	91-20-3	Naphthalene	BSP	REC	88	%	70-130
V3C8258-BS	103-65-1	n-Propylbenzene	BSP	REC	93	%	70-130
V3C8258-BS	100-42-5	Styrene	BSP	REC	94	%	70-130
V3C8258-BS	994-05-8	tert-Amyl Methyl Ether	BSP	REC	94	%	70-130
V3C8258-BS	637-92-3	tert-Butyl Ethyl Ether	BSP	REC	107	%	70-130
V3C8258-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	93	%	70-130
V3C8258-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	92	%	70-130
V3C8258-BS	127-18-4	Tetrachloroethene	BSP	REC	91	%	70-130
V3C8258-BS	109-99-9	Tetrahydrofuran	BSP	REC	96	%	70-130
V3C8258-BS	108-88-3	Toluene	BSP	REC	95	%	70-130
V3C8258-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	92	%	70-130
V3C8258-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	93	%	70-130
V3C8258-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	105	%	70-130
V3C8258-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	97	%	70-130
V3C8258-BS	79-01-6	Trichloroethene	BSP	REC	97	%	70-130
V3C8258-BS	75-69-4	Trichlorofluoromethane	BSP	REC	105	%	70-130
V3C8258-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	86	%	70-130
V3C8258-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	93	%	70-130
V3C8258-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	92	%	70-130
V3C8258-BS	75-01-4	Vinyl chloride	BSP	REC	107	%	70-130
V3C8258-BS		m,p-Xylene	BSP	REC	91	%	70-130
V3C8258-BS	95-47-6	o-Xylene	BSP	REC	93	%	70-130
V3C8258-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	112	%	70-130
V3C8258-BS	2037-26-5	Toluene-D8	BSP	SURR	101	%	70-130
V3C8258-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	97	%	70-130
V3C8258-MB	1868-53-7	Dibromofluoromethane	MB	SURR	105	%	70-130
V3C8258-MB	2037-26-5	Toluene-D8	MB	SURR	101	%	70-130
V3C8258-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	97	%	70-130
JD95164-1	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	70-130
JD95164-1	2037-26-5	Toluene-D8	SAMP	SURR	103	%	70-130
JD95164-1	460-00-4	4-Bromofluorobenzene	SAMP	SURR	97	%	70-130
JD95164-2	1868-53-7	Dibromofluoromethane	SAMP	SURR	99	%	70-130
JD95164-2	2037-26-5	Toluene-D8	SAMP	SURR	100	%	70-130
JD95164-2	460-00-4	4-Bromofluorobenzene	SAMP	SURR	97	%	70-130
JD95164-3	1868-53-7	Dibromofluoromethane	SAMP	SURR	100	%	70-130
JD95164-3	2037-26-5	Toluene-D8	SAMP	SURR	103	%	70-130

* Sample used for QC is not from job JD95164

QC Evaluation: CT RCP Limits

Job Number: JD95164
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 08/27/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD95164-3	460-00-4	4-Bromofluorobenzene	SAMP	SURR	97	%	70-130
JD95164-4	1868-53-7	Dibromofluoromethane	SAMP	SURR	100	%	70-130
JD95164-4	2037-26-5	Toluene-D8	SAMP	SURR	100	%	70-130
JD95164-4	460-00-4	4-Bromofluorobenzene	SAMP	SURR	97	%	70-130

* Sample used for QC is not from job JD95164

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JD95164
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C8258-MB	3C189646.D	1	09/03/24	PS	n/a	n/a	V3C8258

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95164-1, JD95164-2, JD95164-3, JD95164-4

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/kg	
107-13-1	Acrylonitrile	ND	10	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	5.0	ug/kg	
74-83-9	Bromomethane	ND	5.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	ug/kg	

Method Blank Summary

Job Number: JD95164
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C8258-MB	3C189646.D	1	09/03/24	PS	n/a	n/a	V3C8258

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95164-1, JD95164-2, JD95164-3, JD95164-4

CAS No.	Compound	Result	RL	Units	Q
563-58-6	1,1-Dichloropropene	ND	2.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
123-91-1	1,4-Dioxane	ND	130	ug/kg	
60-29-7	Ethyl Ether	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
76-13-1	Freon 113	ND	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
591-78-6	2-Hexanone	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	ug/kg	
75-09-2	Methylene chloride	ND	5.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	ug/kg	
100-42-5	Styrene	ND	2.0	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	10	ug/kg	
108-88-3	Toluene	ND	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	

Method Blank Summary

Job Number: JD95164
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C8258-MB	3C189646.D	1	09/03/24	PS	n/a	n/a	V3C8258

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95164-1, JD95164-2, JD95164-3, JD95164-4

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	80-124%
17060-07-0	1,2-Dichloroethane-D4	102%	75-133%
2037-26-5	Toluene-D8	101%	79-125%
460-00-4	4-Bromofluorobenzene	97%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	.82	19	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

Blank Spike Summary

Job Number: JD95164
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C8258-BS	3C189644.D	1	09/03/24	PS	n/a	n/a	V3C8258

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95164-1, JD95164-2, JD95164-3, JD95164-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	184	92	52-156
107-13-1	Acrylonitrile	50	68.2	136	56-159
71-43-2	Benzene	50	50.5	101	82-119
108-86-1	Bromobenzene	50	45.5	91	82-115
74-97-5	Bromochloromethane	50	50.5	101	82-123
75-27-4	Bromodichloromethane	50	51.6	103	83-121
75-25-2	Bromoform	50	46.3	93	74-138
74-83-9	Bromomethane	50	55.6	111	56-150
78-93-3	2-Butanone (MEK)	200	197	99	72-138
104-51-8	n-Butylbenzene	50	46.6	93	81-124
135-98-8	sec-Butylbenzene	50	45.8	92	78-120
98-06-6	tert-Butylbenzene	50	45.8	92	78-121
75-15-0	Carbon disulfide	50	48.6	97	67-131
56-23-5	Carbon tetrachloride	50	48.6	97	72-130
108-90-7	Chlorobenzene	50	46.5	93	83-114
75-00-3	Chloroethane	50	61.4	123	67-141
67-66-3	Chloroform	50	51.6	103	76-115
74-87-3	Chloromethane	50	52.8	106	57-141
95-49-8	o-Chlorotoluene	50	45.3	91	81-118
106-43-4	p-Chlorotoluene	50	44.8	90	78-117
96-12-8	1,2-Dibromo-3-chloropropane	50	43.1	86	72-131
124-48-1	Dibromochloromethane	50	48.7	97	80-128
106-93-4	1,2-Dibromoethane	50	47.1	94	58-145
95-50-1	1,2-Dichlorobenzene	50	44.7	89	83-117
541-73-1	1,3-Dichlorobenzene	50	45.1	90	82-114
106-46-7	1,4-Dichlorobenzene	50	43.7	87	79-114
110-57-6	Trans-1,4-Dichloro-2-Butene	50	43.1	86	62-139
75-71-8	Dichlorodifluoromethane	50	50.6	101	49-146
75-34-3	1,1-Dichloroethane	50	55.0	110	76-126
107-06-2	1,2-Dichloroethane	50	48.7	97	76-118
75-35-4	1,1-Dichloroethene	50	53.3	107	72-125
156-59-2	cis-1,2-Dichloroethene	50	52.4	105	80-118
156-60-5	trans-1,2-Dichloroethene	50	52.6	105	76-122
78-87-5	1,2-Dichloropropane	50	52.2	104	82-123
142-28-9	1,3-Dichloropropane	50	48.3	97	84-120
594-20-7	2,2-Dichloropropane	50	48.3	97	66-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD95164
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C8258-BS	3C189644.D	1	09/03/24	PS	n/a	n/a	V3C8258

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95164-1, JD95164-2, JD95164-3, JD95164-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
563-58-6	1,1-Dichloropropene	50	48.3	97	78-122
10061-01-5	cis-1,3-Dichloropropene	50	52.0	104	83-123
10061-02-6	trans-1,3-Dichloropropene	50	48.8	98	83-123
123-91-1	1,4-Dioxane	1250	1420	114	64-163
60-29-7	Ethyl Ether	50	55.6	111	78-131
100-41-4	Ethylbenzene	50	47.2	94	83-115
76-13-1	Freon 113	50	48.5	97	65-132
87-68-3	Hexachlorobutadiene	50	46.0	92	65-130
591-78-6	2-Hexanone	200	188	94	73-138
98-82-8	Isopropylbenzene	50	45.6	91	81-122
99-87-6	p-Isopropyltoluene	50	45.9	92	80-120
1634-04-4	Methyl Tert Butyl Ether	50	52.2	104	75-126
108-10-1	4-Methyl-2-pentanone(MIBK)	200	181	91	71-138
74-95-3	Methylene bromide	50	48.2	96	81-122
75-09-2	Methylene chloride	50	50.3	101	73-122
91-20-3	Naphthalene	50	43.8	88	71-129
103-65-1	n-Propylbenzene	50	46.4	93	77-120
100-42-5	Styrene	50	47.0	94	84-122
994-05-8	tert-Amyl Methyl Ether	50	46.9	94	77-125
637-92-3	tert-Butyl Ethyl Ether	50	53.5	107	75-131
630-20-6	1,1,1,2-Tetrachloroethane	50	46.7	93	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	45.9	92	75-127
127-18-4	Tetrachloroethene	50	45.3	91	73-125
109-99-9	Tetrahydrofuran	50	48.1	96	61-136
108-88-3	Toluene	50	47.4	95	82-118
87-61-6	1,2,3-Trichlorobenzene	50	46.1	92	68-132
120-82-1	1,2,4-Trichlorobenzene	50	46.3	93	72-133
71-55-6	1,1,1-Trichloroethane	50	52.6	105	77-124
79-00-5	1,1,2-Trichloroethane	50	48.7	97	83-122
79-01-6	Trichloroethene	50	48.5	97	80-122
75-69-4	Trichlorofluoromethane	50	52.7	105	69-132
96-18-4	1,2,3-Trichloropropane	50	43.1	86	80-120
95-63-6	1,2,4-Trimethylbenzene	50	46.4	93	80-119
108-67-8	1,3,5-Trimethylbenzene	50	45.8	92	79-120
75-01-4	Vinyl chloride	50	53.3	107	60-144
	m,p-Xylene	100	90.9	91	82-119

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD95164
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C8258-BS	3C189644.D	1	09/03/24	PS	n/a	n/a	V3C8258

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD95164-1, JD95164-2, JD95164-3, JD95164-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-47-6	o-Xylene	50	46.5	93	84-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	112%	80-124%
17060-07-0	1,2-Dichloroethane-D4	103%	75-133%
2037-26-5	Toluene-D8	101%	79-125%
460-00-4	4-Bromofluorobenzene	97%	58-148%

* = Outside of Control Limits.

Internal Standard Area Summary

Job Number: JD95164
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V3C8258-CC8247	**Injection Date:**	09/03/24
Lab File ID:	3C189643.D	**Injection Time:**	11:18
Instrument ID:	GCMS3C	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	123516	2.22	333730	3.55	654374	4.17	587732	6.92	332084	8.87
Upper Limit [a]	247032	2.72	667460	4.05	1308748	4.67	1175464	7.42	664168	9.37
Lower Limit [b]	61758	1.72	166865	3.05	327187	3.67	293866	6.42	166042	8.37

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V3C8258-BS	126694	2.22	342014	3.55	659056	4.17	592180	6.92	333763	8.87
V3C8258-MB	119316	2.22	339242	3.56	631386	4.17	576749	6.92	321297	8.87
JD95236-1	129366	2.22	345251	3.56	648572	4.17	590483	6.92	327765	8.87
JD95236-2	124973	2.22	346020	3.56	636142	4.17	590061	6.92	323205	8.87
ZZZZZZ	114888	2.22	337297	3.56	623451	4.17	573657	6.92	320408	8.87
ZZZZZZ	109486	2.22	330644	3.56	611062	4.17	556982	6.92	302624	8.87
ZZZZZZ	120133	2.23	336510	3.56	620395	4.17	561219	6.92	313850	8.88
ZZZZZZ	115395	2.22	335906	3.56	617782	4.17	555541	6.92	312629	8.87
ZZZZZZ	105452	2.22	334982	3.56	610758	4.17	555349	6.92	302471	8.87
ZZZZZZ	104977	2.22	327917	3.56	598236	4.17	529803	6.92	294462	8.87
ZZZZZZ	120814	2.22	325210	3.56	602393	4.17	546629	6.92	304995	8.87
ZZZZZZ	104575	2.23	335579	3.56	610531	4.17	543287	6.92	296239	8.87
ZZZZZZ	111731	2.23	323166	3.56	592239	4.17	536692	6.92	298220	8.87
ZZZZZZ	117356	2.22	329958	3.56	607828	4.17	545941	6.92	303275	8.87
ZZZZZZ	111653	2.22	328181	3.56	586724	4.17	527868	6.92	277501	8.87
JD95236-1MS	109082	2.23	333534	3.56	621485	4.17	551816	6.92	301143	8.87
ZZZZZZ	120537	2.23	334303	3.56	613353	4.17	550311	6.92	305166	8.87
JD95164-4	121025	2.23	332795	3.56	603579	4.17	540640	6.92	299655	8.87
JD95236-2DUP	97500	2.22	317397	3.56	584526	4.17	524744	6.92	282403	8.87
JD95164-1	104392	2.22	324117	3.56	596875	4.17	531722	6.92	294515	8.87
JD95164-2	113670	2.23	340612	3.56	620947	4.17	559701	6.92	306813	8.87
JD95164-3	118941	2.23	342413	3.56	623559	4.17	553088	6.92	312360	8.87
ZZZZZZ	105536	2.22	344384	3.56	619892	4.17	556257	6.92	304902	8.87
ZZZZZZ	110802	2.23	338775	3.56	605900	4.17	550354	6.92	302406	8.87

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Surrogate Recovery Summary

Job Number: JD95164
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Method: SW846 8260D **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JD95164-1	3C189665.D	101	105	103	97
JD95164-2	3C189666.D	99	104	100	97
JD95164-3	3C189667.D	100	107	103	97
JD95164-4	3C189663.D	100	102	100	97
V3C8258-BS	3C189644.D	112	103	101	97
V3C8258-MB	3C189646.D	105	102	101	97

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-124%
S2 = 1,2-Dichloroethane-D4	75-133%
S3 = Toluene-D8	79-125%
S4 = 4-Bromofluorobenzene	58-148%

Metals Analysis

QC Data Summaries

7

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD95164
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 09/03/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	1.7	8.1		
Antimony	2.0	.17	.41		
Arsenic	2.0	.21	.28		
Barium	20	.08	1.9		
Beryllium	0.20	.03	.08		
Bismuth	2.0	.23	.52		
Boron	10	.23	3.7		
Cadmium	0.50	.03	.07		
Calcium	500	.66	21		
Chromium	1.0	.03	.37		
Cobalt	5.0	.04	.28		
Copper	2.5	.08	.84		
Iron	50	.53	19		
Lead	2.0	.11	.41	-0.050	<2.0
Lithium	5.0	.48	.92		
Magnesium	500	3.2	14		
Manganese	1.5	.01	.41		
Molybdenum	2.0	.06	.32		
Nickel	4.0	.04	.35		
Phosphorus	20	.12	3.3		
Potassium	1000	7.7	32		
Selenium	2.0	.32	.65		
Silicon	20	.17	11		
Silver	0.50	.1	.17		
Sodium	1000	3.4	78		
Strontium	5.0	.03	.18		
Sulfur	10	.3	3.9		
Thallium	1.0	.18	.58		
Tin	20	.08	3.8		
Titanium	1.0	.05	.34		
Tungsten	5.0	.26	1.8		
Vanadium	5.0	.06	.19		
Zinc	5.0	.01	2.3		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD95164
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 09/03/24

Metal	RL	IDL	MDL	MB raw	final
Zirconium	2.0	.03	.54		

Associated samples MP48928: JD95164-1, JD95164-2, JD95164-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD95164
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 09/03/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron				
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	193	200	96.5	80-120
Lithium				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD95164
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 09/03/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP48928: JD95164-1, JD95164-2, JD95164-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.1.2
7

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD95164
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	JD94993-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron				
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	185	186	0.6	0-10
Lithium				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD95164
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	JD94993-1 Original SDL 1:5	%DIF	QC Limits
Zirconium			

Associated samples MP48928: JD95164-1, JD95164-2, JD95164-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

POST DIGESTATE SPIKE SUMMARY

Login Number: JD95164
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	Sample ml	Final ml	JD94993-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Bismuth										
Boron										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead										
Lithium										
Magnesium										
Manganese										
Molybdenum										
Nickel										
Phosphorus										
Potassium										
Selenium										
Silicon										
Silver										
Sodium										
Strontium										
Sulfur										
Thallium										
Tin										
Titanium										
Tungsten										
Vanadium										
Zinc										

POST DIGESTATE SPIKE SUMMARY

Login Number: JD95164
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP48928
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 09/03/24

Metal	Sample ml	Final ml	JD94993-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Zirconium										

Associated samples MP48928: JD95164-1, JD95164-2, JD95164-3

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

SGS

Dayton, NJ

03/13/25

The results set forth herein are provided by SGS North America Inc.

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Automated Report



Technical Report for

Groundwater & Environmental Services

Eversource, Berlin, CT

1503724-53-879-1115

SGS Job Number: JE6875

Sampling Date: 03/05/25

Report to:

Groundwater & Environmental Services
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Total number of pages in report: 71

NELAP ACCREDITED TNI LABORATORY

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Marie Meidhof 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Sections: 1 2 3 4 5 6 7

Table of Contents

-1-

Section 1: Sample Summary 3
Section 2: Case Narrative/Conformance Summary 4
Section 3: Summary of Hits 6
Section 4: Sample Results 7
4.1: JE6875-1: SB-104/MW-17 (6-8') 8
4.2: JE6875-1A: SB-104/MW-17 (6-8') 12
4.3: JE6875-2: SB-104/MW-17 (12-14') 14
4.4: JE6875-2A: SB-104/MW-17 (12-14') 18
4.5: JE6875-3: TRIP BLANK 20
Section 5: Misc. Forms 23
5.1: Chain of Custody 24
5.2: RCP Form 26
5.3: Sample Tracking Chronicle 27
5.4: QC Evaluation: CT RCP Limits 28
Section 6: MS Volatiles - QC Data Summaries 38
6.1: Method Blank Summary 39
6.2: Blank Spike Summary 45
6.3: Matrix Spike/Matrix Spike Duplicate Summary 51
6.4: Internal Standard Area Summaries 54
6.5: Surrogate Recovery Summaries 56
Section 7: Metals Analysis - QC Data Summaries 57
7.1: Prep QC MP53088: Pb 58
7.2: Prep QC MP53093: Pb 66

SGS North America Inc.

Sample Summary

Groundwater & Environmental Services

Job No: JE6875

Eversource, Berlin, CT
Project No: 1503724-53-879-1115

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies: Organics ND = Not detected above the RL							
JE6875-1	03/05/25	12:30	JK	03/06/25	SO	Soil	SB-104/MW-17 (6-8')
JE6875-1A	03/05/25	12:30	JK	03/06/25	SO	Soil	SB-104/MW-17 (6-8')
JE6875-2	03/05/25	12:45	JK	03/06/25	SO	Soil	SB-104/MW-17 (12-14')
JE6875-2A	03/05/25	12:45	JK	03/06/25	SO	Soil	SB-104/MW-17 (12-14')
JE6875-3	03/05/25	12:45	JK	03/06/25	SO	Trip Blank Soil	TRIP BLANK

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

2

Client: Groundwater & Environmental Services **Job No:** JE6875

Site: Eversource, Berlin, CT **Report Date** 3/13/2025 5:13:14 PM

On 03/06/2025, 4 sample(s), 1 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 2.5 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JE6875 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: SO **Batch ID:** VGA560

- All samples were analyzed within the recommended method holding time.
- Sample(s) JE6875-2MS, JE6875-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The blank spike (BS) recovery(s) of Chloroethane, trans-1,2-Dichloroethene are outside control limits. High percent recovery and no associated positive reported in the QC batch.
- The matrix spike (MS)/ matrix spike duplicate (MSD) recovery(s) of 1,1,2-Trichloroethane, 2,2-Dichloropropane, Acrylonitrile, Ethyl Ether, Styrene, Trichlorofluoromethane are outside control limits. Outside control limits due to matrix interference.
- The RPD(s) for the MS and MSD recoveries of Chloromethane are outside control limits for sample JE6875-2MSD. Outside control limits due to matrix interference.
- JE6875-2: Dilution required due to high concentration of target compound.
- JE6875-2 for Chloromethane: Associated CCV outside of control limits high, sample was ND.
- JE6875-2 for Chloroethane: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JE6875-2 for Hexachlorobutadiene: Associated CCV outside of control limits low.
- Not all RL meet the requirement.

Matrix: SO **Batch ID:** VY9217

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- JE6875-3 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JE6875-3 for 4-Methyl-2-pentanone(MIBK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JE6875-1 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits low.
- JE6875-1 for 4-Methyl-2-pentanone(MIBK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JE6875-3 for Acetone: Response factor is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE6875-1 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.

2

Metals Analysis By Method SW846 6010D

Matrix: LEACHATE **Batch ID:** MP53093

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE6433-1RSDL were used as the QC samples for the metals analysis.
- The serial dilution RPD(s) for Lead are outside control limits for sample MP53093-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Matrix: SO **Batch ID:** MP53088

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE6980-21SDL were used as the QC samples for the metals analysis.
- Lead reported only per request.

General Chemistry By Method SM2540 G 18TH ED MOD

Matrix: SO **Batch ID:** GN65789

- Sample(s) JE6875-1DUP were used as the QC samples for the Solids, Percent analysis.

General Chemistry By Method SW846 1312

Matrix: ALL **Batch ID:** GN65786

- The data for SW846 1312 meets quality control requirements.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JE6875
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/05/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE6875-1	**SB-104/MW-17 (6-8')**					
Lead		11.8	2.3		mg/kg	SW846 6010D
JE6875-1A	**SB-104/MW-17 (6-8')**					
pH, SPLP Leachate		9.14			su	SW846 1312
Volume, SPLP Leachate		2.018			l	SW846 1312
Weight, SPLP Leachate		0.1009			kg	SW846 1312
Dry Weight, SPLP Leachate		0.08950			kg	SW846 1312
JE6875-2	**SB-104/MW-17 (12-14')**					
n-Butylbenzene [a]		1.09	0.11		mg/kg	SW846 8260D
sec-Butylbenzene [a]		0.342	0.11		mg/kg	SW846 8260D
tert-Butylbenzene [a]		0.132	0.11		mg/kg	SW846 8260D
Ethylbenzene [a]		4.36	0.056		mg/kg	SW846 8260D
Isopropylbenzene [a]		0.820	0.11		mg/kg	SW846 8260D
p-Isopropyltoluene [a]		0.183	0.11		mg/kg	SW846 8260D
Naphthalene [a]		1.34	0.28		mg/kg	SW846 8260D
n-Propylbenzene [a]		3.10	0.11		mg/kg	SW846 8260D
Toluene [a]		0.237	0.056		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene		14.4	1.1		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene [a]		5.33	0.11		mg/kg	SW846 8260D
m,p-Xylene [a]		8.48	0.056		mg/kg	SW846 8260D
o-Xylene [a]		3.30	0.056		mg/kg	SW846 8260D
Lead		15.6	2.2		mg/kg	SW846 6010D
JE6875-2A	**SB-104/MW-17 (12-14')**					
pH, SPLP Leachate		8.73			su	SW846 1312
Volume, SPLP Leachate		2.010			l	SW846 1312
Weight, SPLP Leachate		0.1005			kg	SW846 1312
Dry Weight, SPLP Leachate		0.08933			kg	SW846 1312
JE6875-3	**TRIP BLANK**					

No hits reported in this sample.

(a) Dilution required due to high concentration of target compound.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-104/MW-17 (6-8')		
Lab Sample ID:	JE6875-1	**Date Sampled:**	03/05/25
Matrix:	SO - Soil	**Date Received:**	03/06/25
Method:	SW846 8260D	**Percent Solids:**	88.7
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y213405.D	1	03/07/25 20:55	PS	n/a	n/a	VY9217
Run #2							

	Initial Weight
Run #1	5.3 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	ND	0.011	mg/kg	
107-13-1	Acrylonitrile	ND	0.011	mg/kg	
71-43-2	Benzene	ND	0.00053	mg/kg	
108-86-1	Bromobenzene	ND	0.0053	mg/kg	
74-97-5	Bromochloromethane	ND	0.0053	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0021	mg/kg	
75-25-2	Bromoform	ND	0.0053	mg/kg	
74-83-9	Bromomethane	ND	0.0053	mg/kg	
78-93-3	2-Butanone (MEK) [b]	ND	0.011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0021	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0021	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0021	mg/kg	
75-15-0	Carbon disulfide	ND	0.0021	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0021	mg/kg	
108-90-7	Chlorobenzene	ND	0.0021	mg/kg	
75-00-3	Chloroethane	ND	0.0053	mg/kg	
67-66-3	Chloroform	ND	0.0021	mg/kg	
74-87-3	Chloromethane	ND	0.0053	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0021	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0021	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0021	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0021	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0011	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0011	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0011	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0011	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0053	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0053	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0011	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0011	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.0011	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-104/MW-17 (6-8')		
Lab Sample ID:	JE6875-1	**Date Sampled:**	03/05/25
Matrix:	SO - Soil	**Date Received:**	03/06/25
Method:	SW846 8260D	**Percent Solids:**	88.7
Project:	Eversource, Berlin, CT		

4.1
4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0021	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0021	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0021	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0021	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0021	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0021	mg/kg	
123-91-1	1,4-Dioxane	ND	0.13	mg/kg	
60-29-7	Ethyl Ether	ND	0.0021	mg/kg	
100-41-4	Ethylbenzene	ND	0.0011	mg/kg	
76-13-1	Freon 113	ND	0.0053	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0053	mg/kg	
591-78-6	2-Hexanone	ND	0.0053	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0021	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0021	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [b]	ND	0.0053	mg/kg	
74-95-3	Methylene bromide	ND	0.0053	mg/kg	
75-09-2	Methylene chloride	ND	0.0053	mg/kg	
91-20-3	Naphthalene	ND	0.0053	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0021	mg/kg	
100-42-5	Styrene	ND	0.0021	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.0021	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.0021	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0021	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0021	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0021	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.011	mg/kg	
108-88-3	Toluene	ND	0.0011	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0053	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0053	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0021	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0021	mg/kg	
79-01-6	Trichloroethene	ND	0.0011	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0053	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0053	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0021	mg/kg	
75-01-4	Vinyl chloride	ND	0.0021	mg/kg	
	m,p-Xylene	ND	0.0011	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-104/MW-17 (6-8')		
Lab Sample ID:	JE6875-1	**Date Sampled:**	03/05/25
Matrix:	SO - Soil	**Date Received:**	03/06/25
Method:	SW846 8260D	**Percent Solids:**	88.7
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	0.0011	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	100%		79-125%
460-00-4	4-Bromofluorobenzene	101%		58-148%

(a) Response factor for this compound is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits low.
(b) Response factor for this compound is below 0.05 in the initial and continuing calibrations.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-104/MW-17 (6-8')		
Lab Sample ID:	JE6875-1	**Date Sampled:**	03/05/25
Matrix:	SO - Soil	**Date Received:**	03/06/25
		Percent Solids:	88.7
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	11.8	2.3	mg/kg	1	03/10/25	03/11/25	KP	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA58049
(2) Prep QC Batch: MP53088

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB-104/MW-17 (6-8')
Lab Sample ID: JE6875-1A
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 03/05/25
Date Received: 03/06/25
Percent Solids: 88.7

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	03/08/25	03/11/25	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA58043
(2) Prep QC Batch: MP53093

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-104/MW-17 (6-8')		
Lab Sample ID:	JE6875-1A	**Date Sampled:**	03/05/25
Matrix:	SO - Soil	**Date Received:**	03/06/25
		Percent Solids:	88.7
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	9.14		su	1	03/08/25 11:54	IA	SW846 1312
Volume, SPLP Leachate	2.018		l	1	03/08/25 11:54	IA	SW846 1312
Weight, SPLP Leachate	0.1009		kg	1	03/08/25 11:54	IA	SW846 1312
Dry Weight, SPLP Leachate	0.08950		kg	1	03/08/25 11:54	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-104/MW-17 (12-14')		
Lab Sample ID:	JE6875-2	**Date Sampled:**	03/05/25
Matrix:	SO - Soil	**Date Received:**	03/06/25
Method:	SW846 8260D	**Percent Solids:**	88.9
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	GA19924.D	1	03/07/25 14:51	JN	n/a	n/a	VGA560
Run #2	GA19928.D	1	03/07/25 17:41	JN	n/a	n/a	VGA560

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	11.2 g	10.0 ml	100 ul
Run #2	11.2 g	10.0 ml	10.0 ul

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.56	mg/kg	
107-13-1	Acrylonitrile	ND	0.56	mg/kg	
71-43-2	Benzene	ND	0.028	mg/kg	
108-86-1	Bromobenzene	ND	0.28	mg/kg	
74-97-5	Bromochloromethane	ND	0.28	mg/kg	
75-27-4	Bromodichloromethane	ND	0.11	mg/kg	
75-25-2	Bromoform	ND	0.28	mg/kg	
74-83-9	Bromomethane	ND	0.28	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.56	mg/kg	
104-51-8	n-Butylbenzene	1.09	0.11	mg/kg	
135-98-8	sec-Butylbenzene	0.342	0.11	mg/kg	
98-06-6	tert-Butylbenzene	0.132	0.11	mg/kg	
75-15-0	Carbon disulfide	ND	0.11	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.11	mg/kg	
108-90-7	Chlorobenzene	ND	0.11	mg/kg	
75-00-3	Chloroethane [b]	ND	0.28	mg/kg	
67-66-3	Chloroform	ND	0.11	mg/kg	
74-87-3	Chloromethane [c]	ND	0.28	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.11	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.11	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.11	mg/kg	
124-48-1	Dibromochloromethane	ND	0.11	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.056	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.056	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.056	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.056	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.28	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.28	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.056	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.056	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.056	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.056	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-104/MW-17 (12-14')		
Lab Sample ID:	JE6875-2	**Date Sampled:**	03/05/25
Matrix:	SO - Soil	**Date Received:**	03/06/25
Method:	SW846 8260D	**Percent Solids:**	88.9
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.056	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.11	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.11	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.11	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.11	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.11	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.11	mg/kg	
123-91-1	1,4-Dioxane	ND	7.1	mg/kg	
60-29-7	Ethyl Ether	ND	0.11	mg/kg	
100-41-4	Ethylbenzene	4.36	0.056	mg/kg	
76-13-1	Freon 113	ND	0.28	mg/kg	
87-68-3	Hexachlorobutadiene [d]	ND	0.28	mg/kg	
591-78-6	2-Hexanone	ND	0.28	mg/kg	
98-82-8	Isopropylbenzene	0.820	0.11	mg/kg	
99-87-6	p-Isopropyltoluene	0.183	0.11	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.056	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.28	mg/kg	
74-95-3	Methylene bromide	ND	0.28	mg/kg	
75-09-2	Methylene chloride	ND	0.28	mg/kg	
91-20-3	Naphthalene	1.34	0.28	mg/kg	
103-65-1	n-Propylbenzene	3.10	0.11	mg/kg	
100-42-5	Styrene	ND	0.11	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.11	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.11	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.11	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.11	mg/kg	
127-18-4	Tetrachloroethene	ND	0.11	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.56	mg/kg	
108-88-3	Toluene	0.237	0.056	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.28	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.28	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.11	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.11	mg/kg	
79-01-6	Trichloroethene	ND	0.056	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.28	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.28	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	14.4 [e]	1.1	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	5.33	0.11	mg/kg	
75-01-4	Vinyl chloride	ND	0.11	mg/kg	
	m,p-Xylene	8.48	0.056	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-104/MW-17 (12-14')		
Lab Sample ID:	JE6875-2	**Date Sampled:**	03/05/25
Matrix:	SO - Soil	**Date Received:**	03/06/25
Method:	SW846 8260D	**Percent Solids:**	88.9
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	3.30	0.056	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%	93%	80-124%
17060-07-0	1,2-Dichloroethane-D4	107%	98%	75-133%
2037-26-5	Toluene-D8	103%	102%	79-125%
460-00-4	4-Bromofluorobenzene	97%	100%	58-148%

(a) Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(c) Associated CCV outside of control limits high, sample was ND.
(d) Associated CCV outside of control limits low.
(e) Result is from Run# 2

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-104/MW-17 (12-14')		
Lab Sample ID:	JE6875-2	**Date Sampled:**	03/05/25
Matrix:	SO - Soil	**Date Received:**	03/06/25
		Percent Solids:	88.9
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	15.6	2.2	mg/kg	1	03/10/25	03/11/25	KP	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA58049
(2) Prep QC Batch: MP53088

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB-104/MW-17 (12-14')
Lab Sample ID: JE6875-2A
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 03/05/25
Date Received: 03/06/25
Percent Solids: 88.9

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	03/08/25	03/11/25	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA58043
(2) Prep QC Batch: MP53093

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-104/MW-17 (12-14')		
Lab Sample ID:	JE6875-2A	**Date Sampled:**	03/05/25
Matrix:	SO - Soil	**Date Received:**	03/06/25
		Percent Solids:	88.9
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	8.73		su	1	03/08/25 11:54	IA	SW846 1312
Volume, SPLP Leachate	2.010		l	1	03/08/25 11:54	IA	SW846 1312
Weight, SPLP Leachate	0.1005		kg	1	03/08/25 11:54	IA	SW846 1312
Dry Weight, SPLP Leachate	0.08933		kg	1	03/08/25 11:54	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JE6875-3	**Date Sampled:**	03/05/25
Matrix:	SO - Trip Blank Soil	**Date Received:**	03/06/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y213389.D	1	03/07/25 15:28	PS	n/a	n/a	VY9217
Run #2							

	Initial Weight
Run #1	5.0 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	ND	0.010	mg/kg	
107-13-1	Acrylonitrile	ND	0.010	mg/kg	
71-43-2	Benzene	ND	0.00050	mg/kg	
108-86-1	Bromobenzene	ND	0.0050	mg/kg	
74-97-5	Bromochloromethane	ND	0.0050	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0020	mg/kg	
75-25-2	Bromoform	ND	0.0050	mg/kg	
74-83-9	Bromomethane	ND	0.0050	mg/kg	
78-93-3	2-Butanone (MEK) [b]	ND	0.010	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0020	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0020	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0020	mg/kg	
75-15-0	Carbon disulfide	ND	0.0020	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0020	mg/kg	
108-90-7	Chlorobenzene	ND	0.0020	mg/kg	
75-00-3	Chloroethane	ND	0.0050	mg/kg	
67-66-3	Chloroform	ND	0.0020	mg/kg	
74-87-3	Chloromethane	ND	0.0050	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0020	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0020	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0020	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0010	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0050	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0050	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0010	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0010	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.0010	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.0010	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JE6875-3	**Date Sampled:**	03/05/25
Matrix:	SO - Trip Blank Soil	**Date Received:**	03/06/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	0.0010	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0020	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0020	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0020	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0020	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0020	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0020	mg/kg	
123-91-1	1,4-Dioxane	ND	0.13	mg/kg	
60-29-7	Ethyl Ether	ND	0.0020	mg/kg	
100-41-4	Ethylbenzene	ND	0.0010	mg/kg	
76-13-1	Freon 113	ND	0.0050	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0050	mg/kg	
591-78-6	2-Hexanone	ND	0.0050	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0020	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0020	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [b]	ND	0.0050	mg/kg	
74-95-3	Methylene bromide	ND	0.0050	mg/kg	
75-09-2	Methylene chloride	ND	0.0050	mg/kg	
91-20-3	Naphthalene	ND	0.0050	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0020	mg/kg	
100-42-5	Styrene	ND	0.0020	mg/kg	
994-05-8	tert-Amyl Methyl Ether	ND	0.0020	mg/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	0.0020	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0020	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0020	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0020	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.010	mg/kg	
108-88-3	Toluene	ND	0.0010	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0050	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0050	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0020	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0020	mg/kg	
79-01-6	Trichloroethene	ND	0.0010	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0050	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0050	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	mg/kg	
75-01-4	Vinyl chloride	ND	0.0020	mg/kg	
	m,p-Xylene	ND	0.0010	mg/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JE6875-3	**Date Sampled:**	03/05/25
Matrix:	SO - Trip Blank Soil	**Date Received:**	03/06/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	0.0010	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	106%		75-133%
2037-26-5	Toluene-D8	101%		79-125%
460-00-4	4-Bromofluorobenzene	102%		58-148%

(a) Response factor is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(b) Response factor for this compound is below 0.05 in the initial and continuing calibrations.

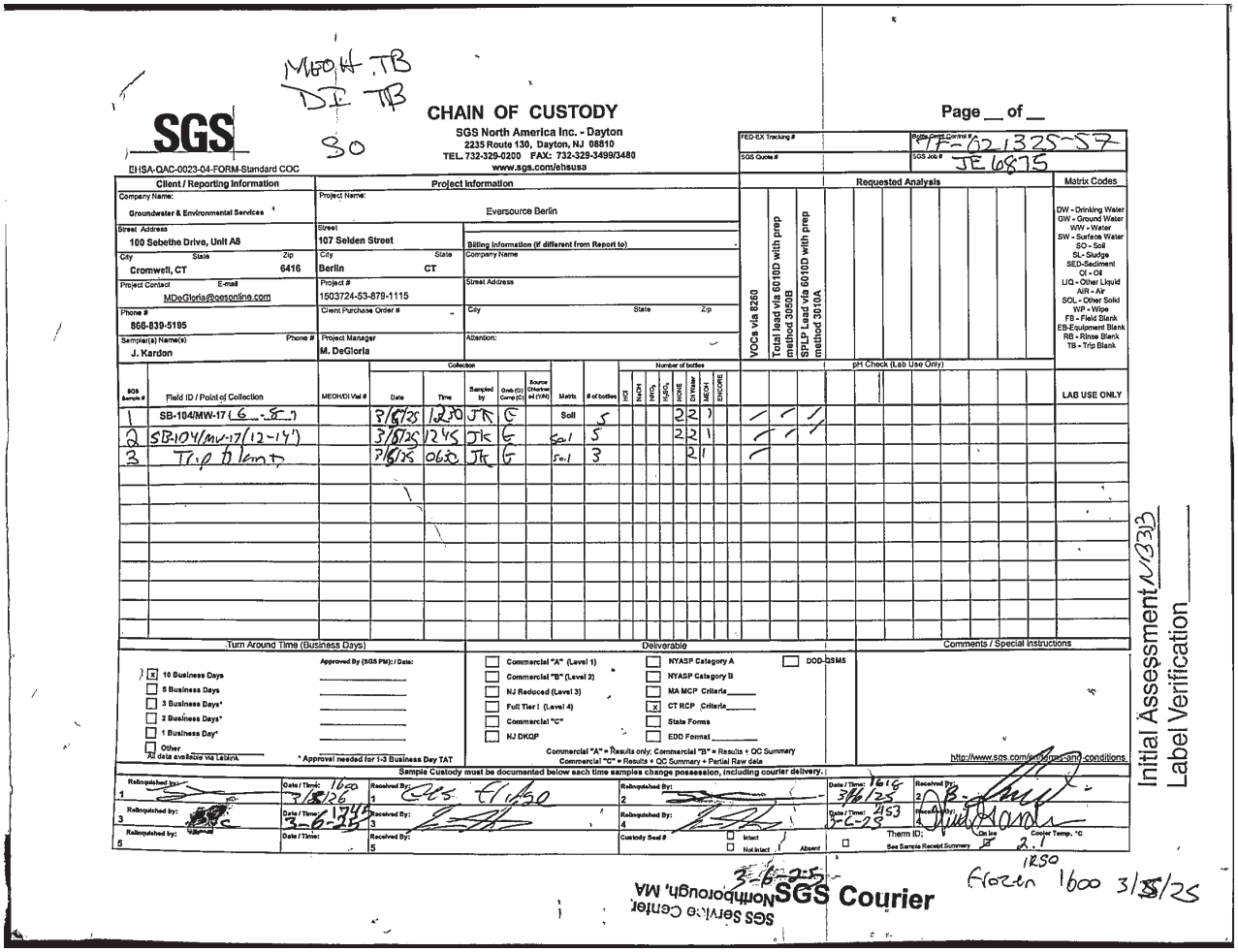
ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- RCP Form
- Sample Tracking Chronicle
- QC Evaluation: CT RCP Limits



SGS

EHSA-QAC-0023-04-FORM-Standard COC

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

Page __ of __

FED-EX Tracking #

SGS Quote #

Bottle Order Control #: 1F-021325-57

SGS Job #: JE6875

Client / Reporting Information

Company Name: Groundwater & Environmental Services
Street Address: 100 Sebethe Drive, Unit A8
City: Cromwell, CT State: Zip: 6416
Project Contact: E-mail: MDeGloria@geosnline.com
Phone #: 866-839-5195
Sampler(s) Name(s): J. Kardon Phone #:

Project Information

Project Name: Eversource Berlin
Street: 107 Selden Street
City: Berlin State: CT
Project #: 1503724-53-879-1115
Client Purchase Order #:
Project Manager: M. DeGloria

Billing Information (if different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis

VOCs via 8260
Total lead via 6010D with prep method 3050B
SPLP Lead via 6010D with prep method 3010A

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Time	Sampled by	Grab (G) Comp (C)	Source Checked (Y/N)	Matrix	# of bottles	Number of bottles HCl	HNO3	H2SO4	NaOH	Other	MEOH	ENCORE	pH Check (Lab Use Only)	LAB USE ONLY
1	SB-104/MW-17 (6'-8')		3/6/25	1230	JK	G		Soil	5				2	2	1		✓ ✓ ✓	
2	SB-104/MW-17 (12-14')		3/6/25	1245	JK	G		Soil	5				2	2	1		✓ ✓ ✓	
3	Trip Blank		3/6/25	0630	JK	G		Soil	3				2	1			✓	

Turn Around Time (Business Days)

Approved By (SGS PM): / Date:

- [x] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other

All data available via Labtrack

* Approval needed for 1-3 Business Day TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] MA MCP Criteria____
- [x] CT RCP Criteria____
- [ ] State Forms
- [ ] EDD Format____
- [ ] DOD-QSM5

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date / Time:	Received By:
1		3/6/25 1600	
2			
3		3-6-25 1745	
4		3-6-25 2153	
5			

Custody Seal # — Intact / Not Intact / Absent

Therm ID: — On Ice — Cooler Temp. °C: 2.1 1850

See Sample Receipt Summary

SGS Courier

SGS Service Center Northborough, MA

3-6-25

Frozen 1600 3/5/25

Initial Assessment 1/8/25

Label Verification

5.1 5

SGS Sample Receipt Summary

Job Number: JE6875 **Client:** GROUNDWATER & ENVIRONMENTAL SE **Project:** EVERSOURCE, BERLIN, CT

Date / Time Received: 3/6/2025 9:53:00 PM **Delivery Method:** sgs **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.1);

Cooler Temps (Corrected) °C: Cooler 1: (2.5);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR-50	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☐	☐	☑

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

5.1 5

JE6875: Chain of Custody
Page 2 of 2

Reasonable Confidence Protocol
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: SGS North America Inc. **Client:** Groundwater & Environmental Services

Project Location: Eversource, Berlin, CT **Project Number:**

Sampling Date(s): 3/5/2025

Laboratory Sample ID(s): JE6875-3, JE6875-1, JE6875-1A, JE6875-2, JE6875-2A

Methods: *EPA 160.3 M, NONE, SM2540 G 18TH ED MOD, SW846 1312, SW846 6010D, SW846 8260D*

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 CTDEEP method-specific Reasonable Confidence Protocol documents)?	Yes ☑ No ☐
1A	Were all the method specified preservation and holding time requirements met?	Yes ☑ No ☐
1B	VPH and EPH Methods only Was the VPH or EPH method conducted without significant modifications (see respective RCPs)	Yes ☐ No ☐ NA ☑
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes ☑ No ☐
3	Were samples received at an appropriate temperature (≤6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6ºC are acceptable .	Yes ☑ No ☐
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable ConfidenceProtocol documents achieved?	Yes ☑ No ☐
5	Were reporting limits specified or referenced on the chain-of-custody?	Yes ☑ No ☐
5A	Were these reporting limits / limits of quantitation 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 for applicable RCPs?	Yes ☑ No ☐

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence." This form may not be altered, and all questions must be answered .

I, the undersigned, attest under 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:  Position: General Manager

Printed Name: David Chastain Date: 3/13/2025

RCP QA/QC Certification Form Version 2024 Page 1 of 1

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JE6875

Eversource, Berlin, CT
Project No: 1503724-53-879-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JE6875-1	Collected: 05-MAR-25 12:30 By: JK	Received: 06-MAR-25 By: KG				
SB-104/MW-17 (6-8')						
JE6875-1	SW846 8260D	07-MAR-25 20:55	PS			V8260RCP
JE6875-1	SM2540 G 18TH ED MOD	10-MAR-25 11:48	DP			SOL104
JE6875-1	SW846 6010D	11-MAR-25 13:31	KP	10-MAR-25	SK	PB
JE6875-2	Collected: 05-MAR-25 12:45 By: JK	Received: 06-MAR-25 By: KG				
SB-104/MW-17 (12-14')						
JE6875-2	SW846 8260D	07-MAR-25 14:51	JN			V8260RCP
JE6875-2	SW846 8260D	07-MAR-25 17:41	JN			V8260RCP
JE6875-2	SM2540 G 18TH ED MOD	10-MAR-25 11:48	DP			SOL104
JE6875-2	SW846 6010D	11-MAR-25 13:37	KP	10-MAR-25	SK	PB
JE6875-3	Collected: 05-MAR-25 12:45 By: JK	Received: 06-MAR-25 By: KG				
TRIP BLANK						
JE6875-3	SW846 8260D	07-MAR-25 15:28	PS			V8260RCP
JE6875-1A	Collected: 05-MAR-25 12:30 By: JK	Received: 06-MAR-25 By: KG				
SB-104/MW-17 (6-8')						
JE6875-1A	SW846 1312	08-MAR-25 11:54	IA			SPLPRATIO
JE6875-1A	SW846 6010D	11-MAR-25 01:12	KP	08-MAR-25	SK	EPB
JE6875-2A	Collected: 05-MAR-25 12:45 By: JK	Received: 06-MAR-25 By: KG				
SB-104/MW-17 (12-14')						
JE6875-2A	SW846 1312	08-MAR-25 11:54	IA			SPLPRATIO
JE6875-2A	SW846 6010D	11-MAR-25 01:17	KP	08-MAR-25	SK	EPB

QC Evaluation: CT RCP Limits

Job Number: JE6875
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/05/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VGA560	SW846 8260D						
VGA560-BS	67-64-1	Acetone	BSP	REC	103	%	70-130
VGA560-BS	107-13-1	Acrylonitrile	BSP	REC	92	%	70-130
VGA560-BS	71-43-2	Benzene	BSP	REC	102	%	70-130
VGA560-BS	108-86-1	Bromobenzene	BSP	REC	106	%	70-130
VGA560-BS	74-97-5	Bromochloromethane	BSP	REC	108	%	70-130
VGA560-BS	75-27-4	Bromodichloromethane	BSP	REC	98	%	70-130
VGA560-BS	75-25-2	Bromoform	BSP	REC	92	%	70-130
VGA560-BS	74-83-9	Bromomethane	BSP	REC	107	%	70-130
VGA560-BS	78-93-3	2-Butanone (MEK)	BSP	REC	96	%	70-130
VGA560-BS	104-51-8	n-Butylbenzene	BSP	REC	98	%	70-130
VGA560-BS	135-98-8	sec-Butylbenzene	BSP	REC	95	%	70-130
VGA560-BS	98-06-6	tert-Butylbenzene	BSP	REC	92	%	70-130
VGA560-BS	75-15-0	Carbon disulfide	BSP	REC	110	%	70-130
VGA560-BS	56-23-5	Carbon tetrachloride	BSP	REC	102	%	70-130
VGA560-BS	108-90-7	Chlorobenzene	BSP	REC	96	%	70-130
VGA560-BS	75-00-3	Chloroethane	BSP	REC	145 [a]	%	70-130
VGA560-BS	67-66-3	Chloroform	BSP	REC	100	%	70-130
VGA560-BS	74-87-3	Chloromethane	BSP	REC	90	%	70-130
VGA560-BS	95-49-8	o-Chlorotoluene	BSP	REC	100	%	70-130
VGA560-BS	106-43-4	p-Chlorotoluene	BSP	REC	96	%	70-130
VGA560-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	94	%	70-130
VGA560-BS	124-48-1	Dibromochloromethane	BSP	REC	90	%	70-130
VGA560-BS	106-93-4	1,2-Dibromoethane	BSP	REC	98	%	70-130
VGA560-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	100	%	70-130
VGA560-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	99	%	70-130
VGA560-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	96	%	70-130
VGA560-BS	110-57-6	Trans-1,4-Dichloro-2-Butene	BSP	REC	88	%	70-130
VGA560-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	107	%	70-130
VGA560-BS	75-34-3	1,1-Dichloroethane	BSP	REC	109	%	70-130
VGA560-BS	107-06-2	1,2-Dichloroethane	BSP	REC	104	%	70-130
VGA560-BS	75-35-4	1,1-Dichloroethene	BSP	REC	106	%	70-130
VGA560-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	104	%	70-130
VGA560-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	123 [a]	%	70-130
VGA560-BS	78-87-5	1,2-Dichloropropane	BSP	REC	106	%	70-130
VGA560-BS	142-28-9	1,3-Dichloropropane	BSP	REC	104	%	70-130
VGA560-BS	594-20-7	2,2-Dichloropropane	BSP	REC	108	%	70-130
VGA560-BS	563-58-6	1,1-Dichloropropene	BSP	REC	111	%	70-130
VGA560-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	103	%	70-130
VGA560-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	104	%	70-130
VGA560-BS	123-91-1	1,4-Dioxane	BSP	REC	98	%	70-130
VGA560-BS	60-29-7	Ethyl Ether	BSP	REC	114	%	70-130
VGA560-BS	100-41-4	Ethylbenzene	BSP	REC	100	%	70-130

* Sample used for QC is not from job JE6875

QC Evaluation: CT RCP Limits

Job Number: JE6875
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/05/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VGA560-BS	76-13-1	Freon 113	BSP	REC	111	%	70-130
VGA560-BS	87-68-3	Hexachlorobutadiene	BSP	REC	82	%	70-130
VGA560-BS	591-78-6	2-Hexanone	BSP	REC	97	%	70-130
VGA560-BS	98-82-8	Isopropylbenzene	BSP	REC	96	%	70-130
VGA560-BS	99-87-6	p-Isopropyltoluene	BSP	REC	92	%	70-130
VGA560-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	98	%	70-130
VGA560-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	103	%	70-130
VGA560-BS	74-95-3	Methylene bromide	BSP	REC	104	%	70-130
VGA560-BS	75-09-2	Methylene chloride	BSP	REC	98	%	70-130
VGA560-BS	91-20-3	Naphthalene	BSP	REC	84	%	70-130
VGA560-BS	103-65-1	n-Propylbenzene	BSP	REC	98	%	70-130
VGA560-BS	100-42-5	Styrene	BSP	REC	100	%	70-130
VGA560-BS	994-05-8	tert-Amyl Methyl Ether	BSP	REC	97	%	70-130
VGA560-BS	637-92-3	tert-Butyl Ethyl Ether	BSP	REC	111	%	70-130
VGA560-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	108	%	70-130
VGA560-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	94	%	70-130
VGA560-BS	127-18-4	Tetrachloroethene	BSP	REC	105	%	70-130
VGA560-BS	109-99-9	Tetrahydrofuran	BSP	REC	102	%	70-130
VGA560-BS	108-88-3	Toluene	BSP	REC	100	%	70-130
VGA560-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	83	%	70-130
VGA560-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	87	%	70-130
VGA560-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	102	%	70-130
VGA560-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	98	%	70-130
VGA560-BS	79-01-6	Trichloroethene	BSP	REC	102	%	70-130
VGA560-BS	75-69-4	Trichlorofluoromethane	BSP	REC	102	%	70-130
VGA560-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	95	%	70-130
VGA560-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	95	%	70-130
VGA560-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	96	%	70-130
VGA560-BS	75-01-4	Vinyl chloride	BSP	REC	126	%	70-130
VGA560-BS		m,p-Xylene	BSP	REC	100	%	70-130
VGA560-BS	95-47-6	o-Xylene	BSP	REC	102	%	70-130
VGA560-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	97	%	70-130
VGA560-BS	2037-26-5	Toluene-D8	BSP	SURR	103	%	70-130
VGA560-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	101	%	70-130
JE6875-2MS	67-64-1	Acetone	MS	REC	111	%	70-130
JE6875-2MS	107-13-1	Acrylonitrile	MS	REC	193 [b]	%	70-130
JE6875-2MS	71-43-2	Benzene	MS	REC	100	%	70-130
JE6875-2MS	108-86-1	Bromobenzene	MS	REC	104	%	70-130
JE6875-2MS	74-97-5	Bromochloromethane	MS	REC	97	%	70-130
JE6875-2MS	75-27-4	Bromodichloromethane	MS	REC	87	%	70-130
JE6875-2MS	75-25-2	Bromoform	MS	REC	79	%	70-130
JE6875-2MS	74-83-9	Bromomethane	MS	REC	63	%	70-130
JE6875-2MS	78-93-3	2-Butanone (MEK)	MS	REC	103	%	70-130
JE6875-2MS	104-51-8	n-Butylbenzene	MS	REC	83	%	70-130
JE6875-2MS	135-98-8	sec-Butylbenzene	MS	REC	86	%	70-130

* Sample used for QC is not from job JE6875

QC Evaluation: CT RCP Limits

Job Number: JE6875
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/05/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JE6875-2MS	98-06-6	tert-Butylbenzene	MS	REC	85	%	70-130
JE6875-2MS	75-15-0	Carbon disulfide	MS	REC	85	%	70-130
JE6875-2MS	56-23-5	Carbon tetrachloride	MS	REC	84	%	70-130
JE6875-2MS	108-90-7	Chlorobenzene	MS	REC	91	%	70-130
JE6875-2MS	75-00-3	Chloroethane	MS	REC	49	%	70-130
JE6875-2MS	67-66-3	Chloroform	MS	REC	80	%	70-130
JE6875-2MS	74-87-3	Chloromethane	MS	REC	89	%	70-130
JE6875-2MS	95-49-8	o-Chlorotoluene	MS	REC	94	%	70-130
JE6875-2MS	106-43-4	p-Chlorotoluene	MS	REC	87	%	70-130
JE6875-2MS	96-12-8	1,2-Dibromo-3-chloropropane	MS	REC	91	%	70-130
JE6875-2MS	124-48-1	Dibromochloromethane	MS	REC	79	%	70-130
JE6875-2MS	106-93-4	1,2-Dibromoethane	MS	REC	96	%	70-130
JE6875-2MS	95-50-1	1,2-Dichlorobenzene	MS	REC	95	%	70-130
JE6875-2MS	541-73-1	1,3-Dichlorobenzene	MS	REC	93	%	70-130
JE6875-2MS	106-46-7	1,4-Dichlorobenzene	MS	REC	88	%	70-130
JE6875-2MS	110-57-6	Trans-1,4-Dichloro-2-Butene	MS	REC	51	%	70-130
JE6875-2MS	75-71-8	Dichlorodifluoromethane	MS	REC	89	%	70-130
JE6875-2MS	75-34-3	1,1-Dichloroethane	MS	REC	101	%	70-130
JE6875-2MS	107-06-2	1,2-Dichloroethane	MS	REC	95	%	70-130
JE6875-2MS	75-35-4	1,1-Dichloroethene	MS	REC	80	%	70-130
JE6875-2MS	156-59-2	cis-1,2-Dichloroethene	MS	REC	94	%	70-130
JE6875-2MS	156-60-5	trans-1,2-Dichloroethene	MS	REC	99	%	70-130
JE6875-2MS	78-87-5	1,2-Dichloropropane	MS	REC	101	%	70-130
JE6875-2MS	142-28-9	1,3-Dichloropropane	MS	REC	97	%	70-130
JE6875-2MS	594-20-7	2,2-Dichloropropane	MS	REC	22 [b]	%	70-130
JE6875-2MS	563-58-6	1,1-Dichloropropene	MS	REC	99	%	70-130
JE6875-2MS	10061-01-5	cis-1,3-Dichloropropene	MS	REC	74	%	70-130
JE6875-2MS	10061-02-6	trans-1,3-Dichloropropene	MS	REC	77	%	70-130
JE6875-2MS	123-91-1	1,4-Dioxane	MS	REC	87	%	70-130
JE6875-2MS	60-29-7	Ethyl Ether	MS	REC	52 [b]	%	70-130
JE6875-2MS	100-41-4	Ethylbenzene	MS	REC	88	%	70-130
JE6875-2MS	76-13-1	Freon 113	MS	REC	81	%	70-130
JE6875-2MS	87-68-3	Hexachlorobutadiene	MS	REC	89	%	70-130
JE6875-2MS	591-78-6	2-Hexanone	MS	REC	97	%	70-130
JE6875-2MS	98-82-8	Isopropylbenzene	MS	REC	88	%	70-130
JE6875-2MS	99-87-6	p-Isopropyltoluene	MS	REC	102	%	70-130
JE6875-2MS	1634-04-4	Methyl Tert Butyl Ether	MS	REC	93	%	70-130
JE6875-2MS	108-10-1	4-Methyl-2-pentanone(MIBK)	MS	REC	100	%	70-130
JE6875-2MS	74-95-3	Methylene bromide	MS	REC	97	%	70-130
JE6875-2MS	75-09-2	Methylene chloride	MS	REC	89	%	70-130
JE6875-2MS	91-20-3	Naphthalene	MS	REC	98	%	70-130
JE6875-2MS	103-65-1	n-Propylbenzene	MS	REC	90	%	70-130
JE6875-2MS	100-42-5	Styrene	MS	REC	0 [b]	%	70-130
JE6875-2MS	994-05-8	tert-Amyl Methyl Ether	MS	REC	94	%	70-130
JE6875-2MS	637-92-3	tert-Butyl Ethyl Ether	MS	REC	101	%	70-130

* Sample used for QC is not from job JE6875

QC Evaluation: CT RCP Limits

Job Number: JE6875
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/05/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JE6875-2MS	630-20-6	1,1,1,2-Tetrachloroethane	MS	REC	98	%	70-130
JE6875-2MS	79-34-5	1,1,2,2-Tetrachloroethane	MS	REC	94	%	70-130
JE6875-2MS	127-18-4	Tetrachloroethene	MS	REC	99	%	70-130
JE6875-2MS	109-99-9	Tetrahydrofuran	MS	REC	106	%	70-130
JE6875-2MS	108-88-3	Toluene	MS	REC	94	%	70-130
JE6875-2MS	87-61-6	1,2,3-Trichlorobenzene	MS	REC	92	%	70-130
JE6875-2MS	120-82-1	1,2,4-Trichlorobenzene	MS	REC	90	%	70-130
JE6875-2MS	71-55-6	1,1,1-Trichloroethane	MS	REC	89	%	70-130
JE6875-2MS	79-00-5	1,1,2-Trichloroethane	MS	REC	337 [b]	%	70-130
JE6875-2MS	79-01-6	Trichloroethene	MS	REC	94	%	70-130
JE6875-2MS	75-69-4	Trichlorofluoromethane	MS	REC	43 [b]	%	70-130
JE6875-2MS	96-18-4	1,2,3-Trichloropropane	MS	REC	101	%	70-130
JE6875-2MS	95-63-6	1,2,4-Trimethylbenzene	MS	REC	89	%	70-130
JE6875-2MS	108-67-8	1,3,5-Trimethylbenzene	MS	REC	90	%	70-130
JE6875-2MS	75-01-4	Vinyl chloride	MS	REC	109	%	70-130
JE6875-2MS		m,p-Xylene	MS	REC	87	%	70-130
JE6875-2MS	95-47-6	o-Xylene	MS	REC	89	%	70-130
JE6875-2MS	1868-53-7	Dibromofluoromethane	MS	SURR	93	%	70-130
JE6875-2MS	2037-26-5	Toluene-D8	MS	SURR	104	%	70-130
JE6875-2MS	460-00-4	4-Bromofluorobenzene	MS	SURR	103	%	70-130
JE6875-2MSD	67-64-1	Acetone	MSD	REC	114	%	70-130
JE6875-2MSD	67-64-1	Acetone	MSD	RPD	3	%	30
JE6875-2MSD	107-13-1	Acrylonitrile	MSD	REC	208 [b]	%	70-130
JE6875-2MSD	107-13-1	Acrylonitrile	MSD	RPD	7	%	30
JE6875-2MSD	71-43-2	Benzene	MSD	REC	101	%	70-130
JE6875-2MSD	71-43-2	Benzene	MSD	RPD	1	%	30
JE6875-2MSD	108-86-1	Bromobenzene	MSD	REC	107	%	70-130
JE6875-2MSD	108-86-1	Bromobenzene	MSD	RPD	3	%	30
JE6875-2MSD	74-97-5	Bromochloromethane	MSD	REC	96	%	70-130
JE6875-2MSD	74-97-5	Bromochloromethane	MSD	RPD	1	%	30
JE6875-2MSD	75-27-4	Bromodichloromethane	MSD	REC	87	%	70-130
JE6875-2MSD	75-27-4	Bromodichloromethane	MSD	RPD	0	%	30
JE6875-2MSD	75-25-2	Bromoform	MSD	REC	82	%	70-130
JE6875-2MSD	75-25-2	Bromoform	MSD	RPD	4	%	30
JE6875-2MSD	74-83-9	Bromomethane	MSD	REC	76	%	70-130
JE6875-2MSD	74-83-9	Bromomethane	MSD	RPD	18	%	30
JE6875-2MSD	78-93-3	2-Butanone (MEK)	MSD	REC	106	%	70-130
JE6875-2MSD	78-93-3	2-Butanone (MEK)	MSD	RPD	3	%	30
JE6875-2MSD	104-51-8	n-Butylbenzene	MSD	REC	93	%	70-130
JE6875-2MSD	104-51-8	n-Butylbenzene	MSD	RPD	8	%	30
JE6875-2MSD	135-98-8	sec-Butylbenzene	MSD	REC	89	%	70-130
JE6875-2MSD	135-98-8	sec-Butylbenzene	MSD	RPD	3	%	30
JE6875-2MSD	98-06-6	tert-Butylbenzene	MSD	REC	87	%	70-130
JE6875-2MSD	98-06-6	tert-Butylbenzene	MSD	RPD	2	%	30
JE6875-2MSD	75-15-0	Carbon disulfide	MSD	REC	90	%	70-130

* Sample used for QC is not from job JE6875

QC Evaluation: CT RCP Limits

Job Number: JE6875
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/05/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JE6875-2MSD	75-15-0	Carbon disulfide	MSD	RPD	5	%	30
JE6875-2MSD	56-23-5	Carbon tetrachloride	MSD	REC	85	%	70-130
JE6875-2MSD	56-23-5	Carbon tetrachloride	MSD	RPD	1	%	30
JE6875-2MSD	108-90-7	Chlorobenzene	MSD	REC	97	%	70-130
JE6875-2MSD	108-90-7	Chlorobenzene	MSD	RPD	6	%	30
JE6875-2MSD	75-00-3	Chloroethane	MSD	REC	52	%	70-130
JE6875-2MSD	75-00-3	Chloroethane	MSD	RPD	5	%	30
JE6875-2MSD	67-66-3	Chloroform	MSD	REC	88	%	70-130
JE6875-2MSD	67-66-3	Chloroform	MSD	RPD	9	%	30
JE6875-2MSD	74-87-3	Chloromethane	MSD	REC	69	%	70-130
JE6875-2MSD	74-87-3	Chloromethane	MSD	RPD	25 [b]	%	30
JE6875-2MSD	95-49-8	o-Chlorotoluene	MSD	REC	97	%	70-130
JE6875-2MSD	95-49-8	o-Chlorotoluene	MSD	RPD	3	%	30
JE6875-2MSD	106-43-4	p-Chlorotoluene	MSD	REC	91	%	70-130
JE6875-2MSD	106-43-4	p-Chlorotoluene	MSD	RPD	4	%	30
JE6875-2MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	REC	90	%	70-130
JE6875-2MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	RPD	1	%	30
JE6875-2MSD	124-48-1	Dibromochloromethane	MSD	REC	83	%	70-130
JE6875-2MSD	124-48-1	Dibromochloromethane	MSD	RPD	4	%	30
JE6875-2MSD	106-93-4	1,2-Dibromoethane	MSD	REC	97	%	70-130
JE6875-2MSD	106-93-4	1,2-Dibromoethane	MSD	RPD	1	%	30
JE6875-2MSD	95-50-1	1,2-Dichlorobenzene	MSD	REC	96	%	70-130
JE6875-2MSD	95-50-1	1,2-Dichlorobenzene	MSD	RPD	1	%	30
JE6875-2MSD	541-73-1	1,3-Dichlorobenzene	MSD	REC	94	%	70-130
JE6875-2MSD	541-73-1	1,3-Dichlorobenzene	MSD	RPD	2	%	30
JE6875-2MSD	106-46-7	1,4-Dichlorobenzene	MSD	REC	91	%	70-130
JE6875-2MSD	106-46-7	1,4-Dichlorobenzene	MSD	RPD	4	%	30
JE6875-2MSD	110-57-6	Trans-1,4-Dichloro-2-Butene	MSD	REC	51	%	70-130
JE6875-2MSD	110-57-6	Trans-1,4-Dichloro-2-Butene	MSD	RPD	1	%	30
JE6875-2MSD	75-71-8	Dichlorodifluoromethane	MSD	REC	92	%	70-130
JE6875-2MSD	75-71-8	Dichlorodifluoromethane	MSD	RPD	3	%	30
JE6875-2MSD	75-34-3	1,1-Dichloroethane	MSD	REC	102	%	70-130
JE6875-2MSD	75-34-3	1,1-Dichloroethane	MSD	RPD	1	%	30
JE6875-2MSD	107-06-2	1,2-Dichloroethane	MSD	REC	99	%	70-130
JE6875-2MSD	107-06-2	1,2-Dichloroethane	MSD	RPD	4	%	30
JE6875-2MSD	75-35-4	1,1-Dichloroethene	MSD	REC	85	%	70-130
JE6875-2MSD	75-35-4	1,1-Dichloroethene	MSD	RPD	5	%	30
JE6875-2MSD	156-59-2	cis-1,2-Dichloroethene	MSD	REC	98	%	70-130
JE6875-2MSD	156-59-2	cis-1,2-Dichloroethene	MSD	RPD	5	%	30
JE6875-2MSD	156-60-5	trans-1,2-Dichloroethene	MSD	REC	106	%	70-130
JE6875-2MSD	156-60-5	trans-1,2-Dichloroethene	MSD	RPD	7	%	30
JE6875-2MSD	78-87-5	1,2-Dichloropropane	MSD	REC	103	%	70-130
JE6875-2MSD	78-87-5	1,2-Dichloropropane	MSD	RPD	3	%	30
JE6875-2MSD	142-28-9	1,3-Dichloropropane	MSD	REC	100	%	70-130
JE6875-2MSD	142-28-9	1,3-Dichloropropane	MSD	RPD	3	%	30

* Sample used for QC is not from job JE6875

QC Evaluation: CT RCP Limits

Job Number: JE6875
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/05/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JE6875-2MSD	594-20-7	2,2-Dichloropropane	MSD	REC	25 [b]	%	70-130
JE6875-2MSD	594-20-7	2,2-Dichloropropane	MSD	RPD	13	%	30
JE6875-2MSD	563-58-6	1,1-Dichloropropene	MSD	REC	99	%	70-130
JE6875-2MSD	563-58-6	1,1-Dichloropropene	MSD	RPD	0	%	30
JE6875-2MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	REC	76	%	70-130
JE6875-2MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	RPD	2	%	30
JE6875-2MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	REC	80	%	70-130
JE6875-2MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	RPD	4	%	30
JE6875-2MSD	123-91-1	1,4-Dioxane	MSD	REC	99	%	70-130
JE6875-2MSD	123-91-1	1,4-Dioxane	MSD	RPD	12	%	30
JE6875-2MSD	60-29-7	Ethyl Ether	MSD	REC	50 [b]	%	70-130
JE6875-2MSD	60-29-7	Ethyl Ether	MSD	RPD	3	%	30
JE6875-2MSD	100-41-4	Ethylbenzene	MSD	REC	97	%	70-130
JE6875-2MSD	100-41-4	Ethylbenzene	MSD	RPD	4	%	30
JE6875-2MSD	76-13-1	Freon 113	MSD	REC	89	%	70-130
JE6875-2MSD	76-13-1	Freon 113	MSD	RPD	9	%	30
JE6875-2MSD	87-68-3	Hexachlorobutadiene	MSD	REC	102	%	70-130
JE6875-2MSD	87-68-3	Hexachlorobutadiene	MSD	RPD	14	%	30
JE6875-2MSD	591-78-6	2-Hexanone	MSD	REC	98	%	70-130
JE6875-2MSD	591-78-6	2-Hexanone	MSD	RPD	2	%	30
JE6875-2MSD	98-82-8	Isopropylbenzene	MSD	REC	93	%	70-130
JE6875-2MSD	98-82-8	Isopropylbenzene	MSD	RPD	4	%	30
JE6875-2MSD	99-87-6	p-Isopropyltoluene	MSD	REC	108	%	70-130
JE6875-2MSD	99-87-6	p-Isopropyltoluene	MSD	RPD	5	%	30
JE6875-2MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	REC	92	%	70-130
JE6875-2MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	RPD	0	%	30
JE6875-2MSD	108-10-1	4-Methyl-2-pentanone(MIBK)	MSD	REC	104	%	70-130
JE6875-2MSD	108-10-1	4-Methyl-2-pentanone(MIBK)	MSD	RPD	3	%	30
JE6875-2MSD	74-95-3	Methylene bromide	MSD	REC	99	%	70-130
JE6875-2MSD	74-95-3	Methylene bromide	MSD	RPD	3	%	30
JE6875-2MSD	75-09-2	Methylene chloride	MSD	REC	95	%	70-130
JE6875-2MSD	75-09-2	Methylene chloride	MSD	RPD	7	%	30
JE6875-2MSD	91-20-3	Naphthalene	MSD	REC	102	%	70-130
JE6875-2MSD	91-20-3	Naphthalene	MSD	RPD	2	%	30
JE6875-2MSD	103-65-1	n-Propylbenzene	MSD	REC	95	%	70-130
JE6875-2MSD	103-65-1	n-Propylbenzene	MSD	RPD	2	%	30
JE6875-2MSD	100-42-5	Styrene	MSD	REC	0 [b]	%	70-130
JE6875-2MSD	100-42-5	Styrene	MSD	RPD	0	%	30
JE6875-2MSD	994-05-8	tert-Amyl Methyl Ether	MSD	REC	95	%	70-130
JE6875-2MSD	994-05-8	tert-Amyl Methyl Ether	MSD	RPD	1	%	30
JE6875-2MSD	637-92-3	tert-Butyl Ethyl Ether	MSD	REC	102	%	70-130
JE6875-2MSD	637-92-3	tert-Butyl Ethyl Ether	MSD	RPD	0	%	30
JE6875-2MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	REC	103	%	70-130
JE6875-2MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	RPD	6	%	30
JE6875-2MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	REC	95	%	70-130

* Sample used for QC is not from job JE6875

QC Evaluation: CT RCP Limits

Job Number: JE6875
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/05/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JE6875-2MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	RPD	1	%	30
JE6875-2MSD	127-18-4	Tetrachloroethene	MSD	REC	102	%	70-130
JE6875-2MSD	127-18-4	Tetrachloroethene	MSD	RPD	3	%	30
JE6875-2MSD	109-99-9	Tetrahydrofuran	MSD	REC	112	%	70-130
JE6875-2MSD	109-99-9	Tetrahydrofuran	MSD	RPD	5	%	30
JE6875-2MSD	108-88-3	Toluene	MSD	REC	98	%	70-130
JE6875-2MSD	108-88-3	Toluene	MSD	RPD	3	%	30
JE6875-2MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	REC	97	%	70-130
JE6875-2MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	RPD	6	%	30
JE6875-2MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	REC	92	%	70-130
JE6875-2MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	RPD	2	%	30
JE6875-2MSD	71-55-6	1,1,1-Trichloroethane	MSD	REC	93	%	70-130
JE6875-2MSD	71-55-6	1,1,1-Trichloroethane	MSD	RPD	4	%	30
JE6875-2MSD	79-00-5	1,1,2-Trichloroethane	MSD	REC	346 [b]	%	70-130
JE6875-2MSD	79-00-5	1,1,2-Trichloroethane	MSD	RPD	3	%	30
JE6875-2MSD	79-01-6	Trichloroethene	MSD	REC	99	%	70-130
JE6875-2MSD	79-01-6	Trichloroethene	MSD	RPD	5	%	30
JE6875-2MSD	75-69-4	Trichlorofluoromethane	MSD	REC	42 [b]	%	70-130
JE6875-2MSD	75-69-4	Trichlorofluoromethane	MSD	RPD	1	%	30
JE6875-2MSD	96-18-4	1,2,3-Trichloropropane	MSD	REC	99	%	70-130
JE6875-2MSD	96-18-4	1,2,3-Trichloropropane	MSD	RPD	2	%	30
JE6875-2MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	REC	99	%	70-130
JE6875-2MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	RPD	2	%	30
JE6875-2MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	REC	96	%	70-130
JE6875-2MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	RPD	2	%	30
JE6875-2MSD	75-01-4	Vinyl chloride	MSD	REC	114	%	70-130
JE6875-2MSD	75-01-4	Vinyl chloride	MSD	RPD	5	%	30
JE6875-2MSD		m,p-Xylene	MSD	REC	98	%	70-130
JE6875-2MSD		m,p-Xylene	MSD	RPD	4	%	30
JE6875-2MSD	95-47-6	o-Xylene	MSD	REC	99	%	70-130
JE6875-2MSD	95-47-6	o-Xylene	MSD	RPD	5	%	30
JE6875-2MSD	1868-53-7	Dibromofluoromethane	MSD	SURR	91	%	70-130
JE6875-2MSD	2037-26-5	Toluene-D8	MSD	SURR	105	%	70-130
JE6875-2MSD	460-00-4	4-Bromofluorobenzene	MSD	SURR	100	%	70-130
VGA560-MB	1868-53-7	Dibromofluoromethane	MB	SURR	97	%	70-130
VGA560-MB	2037-26-5	Toluene-D8	MB	SURR	101	%	70-130
VGA560-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	99	%	70-130
JE6875-2	1868-53-7	Dibromofluoromethane	SAMP	SURR	93	%	70-130
JE6875-2	1868-53-7	Dibromofluoromethane	SAMP	SURR	89	%	70-130
JE6875-2	2037-26-5	Toluene-D8	SAMP	SURR	103	%	70-130
JE6875-2	2037-26-5	Toluene-D8	SAMP	SURR	102	%	70-130
JE6875-2	460-00-4	4-Bromofluorobenzene	SAMP	SURR	97	%	70-130
JE6875-2	460-00-4	4-Bromofluorobenzene	SAMP	SURR	100	%	70-130

* Sample used for QC is not from job JE6875

QC Evaluation: CT RCP Limits

Job Number: JE6875
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/05/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VY9217	SW846 8260D						
VY9217-BS	67-64-1	Acetone	BSP	REC	78	%	70-130
VY9217-BS	107-13-1	Acrylonitrile	BSP	REC	99	%	70-130
VY9217-BS	71-43-2	Benzene	BSP	REC	91	%	70-130
VY9217-BS	108-86-1	Bromobenzene	BSP	REC	103	%	70-130
VY9217-BS	74-97-5	Bromochloromethane	BSP	REC	97	%	70-130
VY9217-BS	75-27-4	Bromodichloromethane	BSP	REC	97	%	70-130
VY9217-BS	75-25-2	Bromoform	BSP	REC	98	%	70-130
VY9217-BS	74-83-9	Bromomethane	BSP	REC	81	%	70-130
VY9217-BS	78-93-3	2-Butanone (MEK)	BSP	REC	86	%	70-130
VY9217-BS	104-51-8	n-Butylbenzene	BSP	REC	90	%	70-130
VY9217-BS	135-98-8	sec-Butylbenzene	BSP	REC	90	%	70-130
VY9217-BS	98-06-6	tert-Butylbenzene	BSP	REC	95	%	70-130
VY9217-BS	75-15-0	Carbon disulfide	BSP	REC	99	%	70-130
VY9217-BS	56-23-5	Carbon tetrachloride	BSP	REC	99	%	70-130
VY9217-BS	108-90-7	Chlorobenzene	BSP	REC	87	%	70-130
VY9217-BS	75-00-3	Chloroethane	BSP	REC	84	%	70-130
VY9217-BS	67-66-3	Chloroform	BSP	REC	80	%	70-130
VY9217-BS	74-87-3	Chloromethane	BSP	REC	86	%	70-130
VY9217-BS	95-49-8	o-Chlorotoluene	BSP	REC	91	%	70-130
VY9217-BS	106-43-4	p-Chlorotoluene	BSP	REC	88	%	70-130
VY9217-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	106	%	70-130
VY9217-BS	124-48-1	Dibromochloromethane	BSP	REC	104	%	70-130
VY9217-BS	106-93-4	1,2-Dibromoethane	BSP	REC	103	%	70-130
VY9217-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	88	%	70-130
VY9217-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	88	%	70-130
VY9217-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	87	%	70-130
VY9217-BS	110-57-6	Trans-1,4-Dichloro-2-Butene	BSP	REC	108	%	70-130
VY9217-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	87	%	70-130
VY9217-BS	75-34-3	1,1-Dichloroethane	BSP	REC	84	%	70-130
VY9217-BS	107-06-2	1,2-Dichloroethane	BSP	REC	80	%	70-130
VY9217-BS	75-35-4	1,1-Dichloroethene	BSP	REC	91	%	70-130
VY9217-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	91	%	70-130
VY9217-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	85	%	70-130
VY9217-BS	78-87-5	1,2-Dichloropropane	BSP	REC	96	%	70-130
VY9217-BS	142-28-9	1,3-Dichloropropane	BSP	REC	102	%	70-130
VY9217-BS	594-20-7	2,2-Dichloropropane	BSP	REC	94	%	70-130
VY9217-BS	563-58-6	1,1-Dichloropropene	BSP	REC	105	%	70-130
VY9217-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	99	%	70-130
VY9217-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	101	%	70-130
VY9217-BS	123-91-1	1,4-Dioxane	BSP	REC	102	%	70-130
VY9217-BS	60-29-7	Ethyl Ether	BSP	REC	96	%	70-130
VY9217-BS	100-41-4	Ethylbenzene	BSP	REC	84	%	70-130

* Sample used for QC is not from job JE6875

QC Evaluation: CT RCP Limits

Job Number: JE6875
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/05/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VY9217-BS	76-13-1	Freon 113	BSP	REC	97	%	70-130
VY9217-BS	87-68-3	Hexachlorobutadiene	BSP	REC	90	%	70-130
VY9217-BS	591-78-6	2-Hexanone	BSP	REC	89	%	70-130
VY9217-BS	98-82-8	Isopropylbenzene	BSP	REC	89	%	70-130
VY9217-BS	99-87-6	p-Isopropyltoluene	BSP	REC	89	%	70-130
VY9217-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	109	%	70-130
VY9217-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	97	%	70-130
VY9217-BS	74-95-3	Methylene bromide	BSP	REC	92	%	70-130
VY9217-BS	75-09-2	Methylene chloride	BSP	REC	84	%	70-130
VY9217-BS	91-20-3	Naphthalene	BSP	REC	93	%	70-130
VY9217-BS	103-65-1	n-Propylbenzene	BSP	REC	87	%	70-130
VY9217-BS	100-42-5	Styrene	BSP	REC	84	%	70-130
VY9217-BS	994-05-8	tert-Amyl Methyl Ether	BSP	REC	99	%	70-130
VY9217-BS	637-92-3	tert-Butyl Ethyl Ether	BSP	REC	98	%	70-130
VY9217-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	101	%	70-130
VY9217-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	100	%	70-130
VY9217-BS	127-18-4	Tetrachloroethene	BSP	REC	96	%	70-130
VY9217-BS	109-99-9	Tetrahydrofuran	BSP	REC	84	%	70-130
VY9217-BS	108-88-3	Toluene	BSP	REC	91	%	70-130
VY9217-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	97	%	70-130
VY9217-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	96	%	70-130
VY9217-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	92	%	70-130
VY9217-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	103	%	70-130
VY9217-BS	79-01-6	Trichloroethene	BSP	REC	98	%	70-130
VY9217-BS	75-69-4	Trichlorofluoromethane	BSP	REC	81	%	70-130
VY9217-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	101	%	70-130
VY9217-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	93	%	70-130
VY9217-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	92	%	70-130
VY9217-BS	75-01-4	Vinyl chloride	BSP	REC	83	%	70-130
VY9217-BS		m,p-Xylene	BSP	REC	85	%	70-130
VY9217-BS	95-47-6	o-Xylene	BSP	REC	86	%	70-130
VY9217-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	95	%	70-130
VY9217-BS	2037-26-5	Toluene-D8	BSP	SURR	98	%	70-130
VY9217-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	100	%	70-130
VY9217-MB	1868-53-7	Dibromofluoromethane	MB	SURR	98	%	70-130
VY9217-MB	2037-26-5	Toluene-D8	MB	SURR	102	%	70-130
VY9217-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	101	%	70-130
JE6875-1	1868-53-7	Dibromofluoromethane	SAMP	SURR	102	%	70-130
JE6875-1	2037-26-5	Toluene-D8	SAMP	SURR	100	%	70-130
JE6875-1	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	70-130
JE6875-3	1868-53-7	Dibromofluoromethane	SAMP	SURR	98	%	70-130
JE6875-3	2037-26-5	Toluene-D8	SAMP	SURR	101	%	70-130
JE6875-3	460-00-4	4-Bromofluorobenzene	SAMP	SURR	102	%	70-130

(a) High percent recovery and no associated positive reported in the QC batch.

* Sample used for QC is not from job JE6875

QC Evaluation: CT RCP Limits

Job Number: JE6875
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/05/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits

(b) Outside control limits due to matrix interference.

* Sample used for QC is not from job JE6875

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9217-MB	Y213380.D	1	03/07/25	PS	n/a	n/a	VY9217

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE6875-1, JE6875-3

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/kg	
107-13-1	Acrylonitrile	ND	10	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	5.0	ug/kg	
74-83-9	Bromomethane	ND	5.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	ug/kg	

Method Blank Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9217-MB	Y213380.D	1	03/07/25	PS	n/a	n/a	VY9217

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE6875-1, JE6875-3

CAS No.	Compound	Result	RL	Units	Q
563-58-6	1,1-Dichloropropene	ND	2.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
123-91-1	1,4-Dioxane	ND	130	ug/kg	
60-29-7	Ethyl Ether	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
76-13-1	Freon 113	ND	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
591-78-6	2-Hexanone	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	ug/kg	
75-09-2	Methylene chloride	ND	5.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	ug/kg	
100-42-5	Styrene	ND	2.0	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	10	ug/kg	
108-88-3	Toluene	ND	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	

Method Blank Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9217-MB	Y213380.D	1	03/07/25	PS	n/a	n/a	VY9217

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE6875-1, JE6875-3

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	98%	80-124%
17060-07-0	1,2-Dichloroethane-D4	96%	75-133%
2037-26-5	Toluene-D8	102%	79-125%
460-00-4	4-Bromofluorobenzene	101%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VGA560-MB	GA19921.D	1	03/07/25	JN	n/a	n/a	VGA560

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE6875-2

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	500	ug/kg	
107-13-1	Acrylonitrile	ND	500	ug/kg	
71-43-2	Benzene	ND	25	ug/kg	
108-86-1	Bromobenzene	ND	250	ug/kg	
74-97-5	Bromochloromethane	ND	250	ug/kg	
75-27-4	Bromodichloromethane	ND	100	ug/kg	
75-25-2	Bromoform	ND	250	ug/kg	
74-83-9	Bromomethane	ND	250	ug/kg	
78-93-3	2-Butanone (MEK)	ND	500	ug/kg	
104-51-8	n-Butylbenzene	ND	100	ug/kg	
135-98-8	sec-Butylbenzene	ND	100	ug/kg	
98-06-6	tert-Butylbenzene	ND	100	ug/kg	
75-15-0	Carbon disulfide	ND	100	ug/kg	
56-23-5	Carbon tetrachloride	ND	100	ug/kg	
108-90-7	Chlorobenzene	ND	100	ug/kg	
75-00-3	Chloroethane	ND	250	ug/kg	
67-66-3	Chloroform	ND	100	ug/kg	
74-87-3	Chloromethane	ND	250	ug/kg	
95-49-8	o-Chlorotoluene	ND	100	ug/kg	
106-43-4	p-Chlorotoluene	ND	100	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	100	ug/kg	
124-48-1	Dibromochloromethane	ND	100	ug/kg	
106-93-4	1,2-Dibromoethane	ND	50	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	50	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	50	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	50	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	250	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	250	ug/kg	
75-34-3	1,1-Dichloroethane	ND	50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	50	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	50	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	50	ug/kg	
78-87-5	1,2-Dichloropropane	ND	100	ug/kg	
142-28-9	1,3-Dichloropropane	ND	100	ug/kg	
594-20-7	2,2-Dichloropropane	ND	100	ug/kg	

Method Blank Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VGA560-MB	GA19921.D	1	03/07/25	JN	n/a	n/a	VGA560

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE6875-2

CAS No.	Compound	Result	RL	Units	Q
563-58-6	1,1-Dichloropropene	ND	100	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	100	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	100	ug/kg	
123-91-1	1,4-Dioxane	ND	6300	ug/kg	
60-29-7	Ethyl Ether	ND	100	ug/kg	
100-41-4	Ethylbenzene	ND	50	ug/kg	
76-13-1	Freon 113	ND	250	ug/kg	
87-68-3	Hexachlorobutadiene	ND	250	ug/kg	
591-78-6	2-Hexanone	ND	250	ug/kg	
98-82-8	Isopropylbenzene	ND	100	ug/kg	
99-87-6	p-Isopropyltoluene	ND	100	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	50	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	250	ug/kg	
74-95-3	Methylene bromide	ND	250	ug/kg	
75-09-2	Methylene chloride	ND	250	ug/kg	
91-20-3	Naphthalene	ND	250	ug/kg	
103-65-1	n-Propylbenzene	ND	100	ug/kg	
100-42-5	Styrene	ND	100	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	100	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	100	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	ug/kg	
127-18-4	Tetrachloroethene	ND	100	ug/kg	
109-99-9	Tetrahydrofuran	ND	500	ug/kg	
108-88-3	Toluene	ND	50	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	250	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	100	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	100	ug/kg	
79-01-6	Trichloroethene	ND	50	ug/kg	
75-69-4	Trichlorofluoromethane	ND	250	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	250	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	100	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	100	ug/kg	
75-01-4	Vinyl chloride	ND	100	ug/kg	
	m,p-Xylene	ND	50	ug/kg	

Method Blank Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VGA560-MB	GA19921.D	1	03/07/25	JN	n/a	n/a	VGA560

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE6875-2

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	50	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	80-124%
17060-07-0	1,2-Dichloroethane-D4	102%	75-133%
2037-26-5	Toluene-D8	101%	79-125%
460-00-4	4-Bromofluorobenzene	99%	58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Blank Spike Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9217-BS	Y213378.D	1	03/07/25	PS	n/a	n/a	VY9217

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE6875-1, JE6875-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	155	78	52-156
107-13-1	Acrylonitrile	50	49.3	99	56-159
71-43-2	Benzene	50	45.4	91	82-119
108-86-1	Bromobenzene	50	51.6	103	82-115
74-97-5	Bromochloromethane	50	48.5	97	82-123
75-27-4	Bromodichloromethane	50	48.4	97	83-121
75-25-2	Bromoform	50	48.8	98	74-138
74-83-9	Bromomethane	50	40.3	81	56-150
78-93-3	2-Butanone (MEK)	200	172	86	72-138
104-51-8	n-Butylbenzene	50	45.0	90	81-124
135-98-8	sec-Butylbenzene	50	45.1	90	78-120
98-06-6	tert-Butylbenzene	50	47.4	95	78-121
75-15-0	Carbon disulfide	50	49.6	99	67-131
56-23-5	Carbon tetrachloride	50	49.5	99	72-130
108-90-7	Chlorobenzene	50	43.4	87	83-114
75-00-3	Chloroethane	50	41.8	84	67-141
67-66-3	Chloroform	50	40.1	80	76-115
74-87-3	Chloromethane	50	43.1	86	57-141
95-49-8	o-Chlorotoluene	50	45.4	91	81-118
106-43-4	p-Chlorotoluene	50	44.2	88	78-117
96-12-8	1,2-Dibromo-3-chloropropane	50	53.0	106	72-131
124-48-1	Dibromochloromethane	50	52.1	104	80-128
106-93-4	1,2-Dibromoethane	50	51.7	103	58-145
95-50-1	1,2-Dichlorobenzene	50	43.8	88	83-117
541-73-1	1,3-Dichlorobenzene	50	43.8	88	82-114
106-46-7	1,4-Dichlorobenzene	50	43.7	87	79-114
110-57-6	Trans-1,4-Dichloro-2-Butene	50	53.9	108	62-139
75-71-8	Dichlorodifluoromethane	50	43.7	87	49-146
75-34-3	1,1-Dichloroethane	50	41.8	84	76-126
107-06-2	1,2-Dichloroethane	50	39.9	80	76-118
75-35-4	1,1-Dichloroethene	50	45.6	91	72-125
156-59-2	cis-1,2-Dichloroethene	50	45.3	91	80-118
156-60-5	trans-1,2-Dichloroethene	50	42.7	85	76-122
78-87-5	1,2-Dichloropropane	50	48.1	96	82-123
142-28-9	1,3-Dichloropropane	50	51.2	102	84-120
594-20-7	2,2-Dichloropropane	50	46.9	94	66-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9217-BS	Y213378.D	1	03/07/25	PS	n/a	n/a	VY9217

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE6875-1, JE6875-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
563-58-6	1,1-Dichloropropene	50	52.6	105	78-122
10061-01-5	cis-1,3-Dichloropropene	50	49.3	99	83-123
10061-02-6	trans-1,3-Dichloropropene	50	50.6	101	83-123
123-91-1	1,4-Dioxane	1250	1270	102	64-163
60-29-7	Ethyl Ether	50	48.2	96	78-131
100-41-4	Ethylbenzene	50	41.9	84	83-115
76-13-1	Freon 113	50	48.7	97	65-132
87-68-3	Hexachlorobutadiene	50	45.0	90	65-130
591-78-6	2-Hexanone	200	178	89	73-138
98-82-8	Isopropylbenzene	50	44.4	89	81-122
99-87-6	p-Isopropyltoluene	50	44.3	89	80-120
1634-04-4	Methyl Tert Butyl Ether	50	54.5	109	75-126
108-10-1	4-Methyl-2-pentanone(MIBK)	200	193	97	71-138
74-95-3	Methylene bromide	50	46.2	92	81-122
75-09-2	Methylene chloride	50	41.9	84	73-122
91-20-3	Naphthalene	50	46.5	93	71-129
103-65-1	n-Propylbenzene	50	43.5	87	77-120
100-42-5	Styrene	50	42.2	84	84-122
994-05-8	tert-Amyl Methyl Ether	50	49.5	99	77-125
637-92-3	tert-Butyl Ethyl Ether	50	49.0	98	75-131
630-20-6	1,1,1,2-Tetrachloroethane	50	50.6	101	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	49.8	100	75-127
127-18-4	Tetrachloroethene	50	48.0	96	73-125
109-99-9	Tetrahydrofuran	50	41.8	84	61-136
108-88-3	Toluene	50	45.3	91	82-118
87-61-6	1,2,3-Trichlorobenzene	50	48.5	97	68-132
120-82-1	1,2,4-Trichlorobenzene	50	48.0	96	72-133
71-55-6	1,1,1-Trichloroethane	50	46.0	92	77-124
79-00-5	1,1,2-Trichloroethane	50	51.5	103	83-122
79-01-6	Trichloroethene	50	49.1	98	80-122
75-69-4	Trichlorofluoromethane	50	40.6	81	69-132
96-18-4	1,2,3-Trichloropropane	50	50.4	101	80-120
95-63-6	1,2,4-Trimethylbenzene	50	46.4	93	80-119
108-67-8	1,3,5-Trimethylbenzene	50	46.1	92	79-120
75-01-4	Vinyl chloride	50	41.5	83	60-144
	m,p-Xylene	100	85.3	85	82-119

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY9217-BS	Y213378.D	1	03/07/25	PS	n/a	n/a	VY9217

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE6875-1, JE6875-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-47-6	o-Xylene	50	43.2	86	84-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	80-124%
17060-07-0	1,2-Dichloroethane-D4	88%	75-133%
2037-26-5	Toluene-D8	98%	79-125%
460-00-4	4-Bromofluorobenzene	100%	58-148%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VGA560-BS	GA19918.D	1	03/07/25	JN	n/a	n/a	VGA560

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE6875-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	10000	10300	103	52-156
107-13-1	Acrylonitrile	2500	2310	92	56-159
71-43-2	Benzene	2500	2560	102	82-119
108-86-1	Bromobenzene	2500	2660	106	82-115
74-97-5	Bromochloromethane	2500	2700	108	82-123
75-27-4	Bromodichloromethane	2500	2450	98	83-121
75-25-2	Bromoform	2500	2310	92	74-138
74-83-9	Bromomethane	2500	2670	107	56-150
78-93-3	2-Butanone (MEK)	10000	9620	96	72-138
104-51-8	n-Butylbenzene	2500	2440	98	81-124
135-98-8	sec-Butylbenzene	2500	2380	95	78-120
98-06-6	tert-Butylbenzene	2500	2310	92	78-121
75-15-0	Carbon disulfide	2500	2760	110	67-131
56-23-5	Carbon tetrachloride	2500	2560	102	72-130
108-90-7	Chlorobenzene	2500	2400	96	83-114
75-00-3	Chloroethane	2500	3630	145* [a]	67-141
67-66-3	Chloroform	2500	2500	100	76-115
74-87-3	Chloromethane	2500	2260	90	57-141
95-49-8	o-Chlorotoluene	2500	2510	100	81-118
106-43-4	p-Chlorotoluene	2500	2410	96	78-117
96-12-8	1,2-Dibromo-3-chloropropane	2500	2350	94	72-131
124-48-1	Dibromochloromethane	2500	2260	90	80-128
106-93-4	1,2-Dibromoethane	2500	2440	98	58-145
95-50-1	1,2-Dichlorobenzene	2500	2500	100	83-117
541-73-1	1,3-Dichlorobenzene	2500	2470	99	82-114
106-46-7	1,4-Dichlorobenzene	2500	2400	96	79-114
110-57-6	Trans-1,4-Dichloro-2-Butene	2500	2200	88	62-139
75-71-8	Dichlorodifluoromethane	2500	2670	107	49-146
75-34-3	1,1-Dichloroethane	2500	2730	109	76-126
107-06-2	1,2-Dichloroethane	2500	2600	104	76-118
75-35-4	1,1-Dichloroethene	2500	2650	106	72-125
156-59-2	cis-1,2-Dichloroethene	2500	2610	104	80-118
156-60-5	trans-1,2-Dichloroethene	2500	3070	123* [a]	76-122
78-87-5	1,2-Dichloropropane	2500	2640	106	82-123
142-28-9	1,3-Dichloropropane	2500	2600	104	84-120
594-20-7	2,2-Dichloropropane	2500	2710	108	66-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VGA560-BS	GA19918.D	1	03/07/25	JN	n/a	n/a	VGA560

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE6875-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
563-58-6	1,1-Dichloropropene	2500	2770	111	78-122
10061-01-5	cis-1,3-Dichloropropene	2500	2580	103	83-123
10061-02-6	trans-1,3-Dichloropropene	2500	2590	104	83-123
123-91-1	1,4-Dioxane	62500	61300	98	64-163
60-29-7	Ethyl Ether	2500	2850	114	78-131
100-41-4	Ethylbenzene	2500	2500	100	83-115
76-13-1	Freon 113	2500	2770	111	65-132
87-68-3	Hexachlorobutadiene	2500	2060	82	65-130
591-78-6	2-Hexanone	10000	9740	97	73-138
98-82-8	Isopropylbenzene	2500	2400	96	81-122
99-87-6	p-Isopropyltoluene	2500	2290	92	80-120
1634-04-4	Methyl Tert Butyl Ether	2500	2460	98	75-126
108-10-1	4-Methyl-2-pentanone(MIBK)	10000	10300	103	71-138
74-95-3	Methylene bromide	2500	2590	104	81-122
75-09-2	Methylene chloride	2500	2440	98	73-122
91-20-3	Naphthalene	2500	2110	84	71-129
103-65-1	n-Propylbenzene	2500	2460	98	77-120
100-42-5	Styrene	2500	2510	100	84-122
994-05-8	tert-Amyl Methyl Ether	2500	2430	97	77-125
637-92-3	tert-Butyl Ethyl Ether	2500	2780	111	75-131
630-20-6	1,1,1,2-Tetrachloroethane	2500	2700	108	81-125
79-34-5	1,1,2,2-Tetrachloroethane	2500	2360	94	75-127
127-18-4	Tetrachloroethene	2500	2630	105	73-125
109-99-9	Tetrahydrofuran	2500	2560	102	61-136
108-88-3	Toluene	2500	2500	100	82-118
87-61-6	1,2,3-Trichlorobenzene	2500	2080	83	68-132
120-82-1	1,2,4-Trichlorobenzene	2500	2170	87	72-133
71-55-6	1,1,1-Trichloroethane	2500	2550	102	77-124
79-00-5	1,1,2-Trichloroethane	2500	2440	98	83-122
79-01-6	Trichloroethene	2500	2560	102	80-122
75-69-4	Trichlorofluoromethane	2500	2560	102	69-132
96-18-4	1,2,3-Trichloropropane	2500	2380	95	80-120
95-63-6	1,2,4-Trimethylbenzene	2500	2380	95	80-119
108-67-8	1,3,5-Trimethylbenzene	2500	2410	96	79-120
75-01-4	Vinyl chloride	2500	3140	126	60-144
	m,p-Xylene	5000	5000	100	82-119

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VGA560-BS	GA19918.D	1	03/07/25	JN	n/a	n/a	VGA560

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE6875-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-47-6	o-Xylene	2500	2550	102	84-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	80-124%
17060-07-0	1,2-Dichloroethane-D4	97%	75-133%
2037-26-5	Toluene-D8	103%	79-125%
460-00-4	4-Bromofluorobenzene	101%	58-148%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE6875-2MS	GA19925.D	1	03/07/25	JN	n/a	n/a	VGA560
JE6875-2MSD	GA19926.D	1	03/07/25	JN	n/a	n/a	VGA560
JE6875-2 [a]	GA19924.D	1	03/07/25	JN	n/a	n/a	VGA560
JE6875-2	GA19928.D	1	03/07/25	JN	n/a	n/a	VGA560

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE6875-2

CAS No.	Compound	JE6875-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		11300	12500	111	11300	12900	114	3	10-170/24
107-13-1	Acrylonitrile	ND		2820	5460	193* [b]	2820	5880	208* [b]	7	41-148/16
71-43-2	Benzene	ND		2820	2830	100	2820	2860	101	1	61-132/13
108-86-1	Bromobenzene	ND		2820	2930	104	2820	3010	107	3	52-127/16
74-97-5	Bromochloromethane	ND		2820	2740	97	2820	2720	96	1	68-126/13
75-27-4	Bromodichloromethane	ND		2820	2460	87	2820	2450	87	0	65-129/12
75-25-2	Bromoform	ND		2820	2220	79	2820	2310	82	4	52-136/16
74-83-9	Bromomethane	ND		2820	1790	63	2820	2150	76	18	23-158/29
78-93-3	2-Butanone (MEK)	ND		11300	11600	103	11300	12000	106	3	45-142/14
104-51-8	n-Butylbenzene	1090		2820	3440	83	2820	3710	93	8	19-154/23
135-98-8	sec-Butylbenzene	342		2820	2760	86	2820	2850	89	3	27-149/22
98-06-6	tert-Butylbenzene	132		2820	2540	85	2820	2580	87	2	38-142/21
75-15-0	Carbon disulfide	ND		2820	2400	85	2820	2530	90	5	50-140/18
56-23-5	Carbon tetrachloride	ND		2820	2360	84	2820	2390	85	1	54-139/21
108-90-7	Chlorobenzene	ND		2820	2570	91	2820	2730	97	6	57-127/15
75-00-3	Chloroethane	ND		2820	1390	49	2820	1460	52	5	30-157/29
67-66-3	Chloroform	ND		2820	2270	80	2820	2490	88	9	59-127/16
74-87-3	Chloromethane	ND		2820	2510	89	2820	1960	69	25* [b]	49-145/21
95-49-8	o-Chlorotoluene	ND		2820	2650	94	2820	2740	97	3	46-133/17
106-43-4	p-Chlorotoluene	ND		2820	2450	87	2820	2560	91	4	44-132/17
96-12-8	1,2-Dibromo-3-chloropropane	ND		2820	2560	91	2820	2540	90	1	35-140/17
124-48-1	Dibromochloromethane	ND		2820	2240	79	2820	2340	83	4	63-129/12
106-93-4	1,2-Dibromoethane	ND		2820	2710	96	2820	2730	97	1	45-141/12
95-50-1	1,2-Dichlorobenzene	ND		2820	2680	95	2820	2710	96	1	38-136/19
541-73-1	1,3-Dichlorobenzene	ND		2820	2620	93	2820	2660	94	2	37-135/19
106-46-7	1,4-Dichlorobenzene	ND		2820	2480	88	2820	2580	91	4	36-134/19
110-57-6	Trans-1,4-Dichloro-2-Butene	ND		2820	1450	51	2820	1440	51	1	28-148/18
75-71-8	Dichlorodifluoromethane	ND		2820	2510	89	2820	2590	92	3	33-152/17
75-34-3	1,1-Dichloroethane	ND		2820	2840	101	2820	2870	102	1	68-131/13
107-06-2	1,2-Dichloroethane	ND		2820	2680	95	2820	2790	99	4	64-119/12
75-35-4	1,1-Dichloroethene	ND		2820	2270	80	2820	2390	85	5	60-133/15
156-59-2	cis-1,2-Dichloroethene	ND		2820	2640	94	2820	2770	98	5	58-133/15
156-60-5	trans-1,2-Dichloroethene	ND		2820	2790	99	2820	3000	106	7	62-130/16
78-87-5	1,2-Dichloropropane	ND		2820	2840	101	2820	2920	103	3	70-127/12
142-28-9	1,3-Dichloropropane	ND		2820	2740	97	2820	2830	100	3	69-122/11
594-20-7	2,2-Dichloropropane	ND		2820	624	22* [b]	2820	713	25* [b]	13	45-134/18

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE6875-2MS	GA19925.D	1	03/07/25	JN	n/a	n/a	VGA560
JE6875-2MSD	GA19926.D	1	03/07/25	JN	n/a	n/a	VGA560
JE6875-2 [a]	GA19924.D	1	03/07/25	JN	n/a	n/a	VGA560
JE6875-2	GA19928.D	1	03/07/25	JN	n/a	n/a	VGA560

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE6875-2

CAS No.	Compound	JE6875-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
563-58-6	1,1-Dichloropropene	ND		2820	2790	99	2820	2790	99	0	62-131/15
10061-01-5	cis-1,3-Dichloropropene	ND		2820	2100	74	2820	2140	76	2	64-126/16
10061-02-6	trans-1,3-Dichloropropene	ND		2820	2170	77	2820	2250	80	4	61-127/13
123-91-1	1,4-Dioxane	ND		70600	61700	87	70600	69800	99	12	42-179/68
60-29-7	Ethyl Ether	ND		2820	1470	52* [b]	2820	1420	50* [b]	3	64-135/12
100-41-4	Ethylbenzene	4360		2820	6840	88	2820	7110	97	4	51-133/19
76-13-1	Freon 113	ND		2820	2290	81	2820	2510	89	9	46-138/17
87-68-3	Hexachlorobutadiene	ND		2820	2510	89	2820	2880	102	14	10-160/28
591-78-6	2-Hexanone	ND		11300	10900	97	11300	11100	98	2	45-144/16
98-82-8	Isopropylbenzene	820		2820	3310	88	2820	3450	93	4	44-142/21
99-87-6	p-Isopropyltoluene	183		2820	3060	102	2820	3230	108	5	29-145/21
1634-04-4	Methyl Tert Butyl Ether	ND		2820	2620	93	2820	2610	92	0	62-125/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		11300	11300	100	11300	11700	104	3	50-138/14
74-95-3	Methylene bromide	ND		2820	2730	97	2820	2800	99	3	66-122/12
75-09-2	Methylene chloride	ND		2820	2520	89	2820	2690	95	7	63-127/15
91-20-3	Naphthalene	1340		2820	4120	98	2820	4220	102	2	13-149/34
103-65-1	n-Propylbenzene	3100		2820	5640	90	2820	5770	95	2	36-141/20
100-42-5	Styrene	ND		2820	ND	0* [b]	2820	ND	0* [b]	nc	48-143/18
994-05-8	tert-Amyl Methyl Ether	ND		2820	2660	94	2820	2690	95	1	61-127/14
637-92-3	tert-Butyl Ethyl Ether	ND		2820	2860	101	2820	2870	102	0	63-133/13
630-20-6	1,1,1,2-Tetrachloroethane	ND		2820	2760	98	2820	2920	103	6	62-132/16
79-34-5	1,1,2,2-Tetrachloroethane	ND		2820	2650	94	2820	2670	95	1	44-135/20
127-18-4	Tetrachloroethene	ND		2820	2800	99	2820	2880	102	3	38-146/17
109-99-9	Tetrahydrofuran	ND		2820	3000	106	2820	3160	112	5	43-134/22
108-88-3	Toluene	237		2820	2890	94	2820	2990	98	3	56-135/15
87-61-6	1,2,3-Trichlorobenzene	ND		2820	2590	92	2820	2750	97	6	10-153/27
120-82-1	1,2,4-Trichlorobenzene	ND		2820	2550	90	2820	2590	92	2	10-158/27
71-55-6	1,1,1-Trichloroethane	ND		2820	2520	89	2820	2630	93	4	61-134/14
79-00-5	1,1,2-Trichloroethane	ND		2820	9510	337* [b]	2820	9780	346* [b]	3	62-133/17
79-01-6	Trichloroethene	ND		2820	2660	94	2820	2790	99	5	52-144/15
75-69-4	Trichlorofluoromethane	ND		2820	1200	43* [b]	2820	1190	42* [b]	1	50-141/18
96-18-4	1,2,3-Trichloropropane	ND		2820	2860	101	2820	2790	99	2	50-134/17
95-63-6	1,2,4-Trimethylbenzene	14400 [c]		2820	16400	89	2820	16700	99	2	30-149/19
108-67-8	1,3,5-Trimethylbenzene	5330		2820	7860	90	2820	8030	96	2	36-145/19
75-01-4	Vinyl chloride	ND		2820	3080	109	2820	3230	114	5	48-151/18
	m,p-Xylene	8480		5650	13400	87	5650	14000	98	4	51-135/18

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE6875-2MS	GA19925.D	1	03/07/25	JN	n/a	n/a	VGA560
JE6875-2MSD	GA19926.D	1	03/07/25	JN	n/a	n/a	VGA560
JE6875-2 [a]	GA19924.D	1	03/07/25	JN	n/a	n/a	VGA560
JE6875-2	GA19928.D	1	03/07/25	JN	n/a	n/a	VGA560

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE6875-2

CAS No.	Compound	JE6875-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-47-6	o-Xylene	3300		2820	5800	89	2820	6100	99	5	52-137/18

CAS No.	Surrogate Recoveries	MS	MSD	JE6875-2	JE6875-2	Limits
1868-53-7	Dibromofluoromethane	93%	91%	89%	93%	80-124%
17060-07-0	1,2-Dichloroethane-D4	105%	106%	107%	98%	75-133%
2037-26-5	Toluene-D8	104%	105%	103%	102%	79-125%
460-00-4	4-Bromofluorobenzene	103%	100%	97%	100%	58-148%

(a) Dilution required due to high concentration of target compound.
(b) Outside control limits due to matrix interference.
(c) Result is from Run #2.

* = Outside of Control Limits.

Internal Standard Area Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	VGA560-CC542	**Injection Date:**	03/07/25
Lab File ID:	GA19914.D	**Injection Time:**	09:41
Instrument ID:	GCMSGA	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	121687	2.07	194860	3.64	326141	3.97	263347	5.55	127041	6.71
Upper Limit [a]	243374	2.57	389720	4.14	652282	4.47	526694	6.05	254082	7.21
Lower Limit [b]	60844	1.57	97430	3.14	163071	3.47	131674	5.05	63521	6.21

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
VGA560-BS	118307	2.07	195729	3.64	327696	3.97	269254	5.55	129002	6.71
VGA560-MB	135592	2.12	199351	3.64	325092	3.97	267620	5.55	133048	6.71
ZZZZZZ	135592	2.12	199351	3.64	325092	3.97	267620	5.55	133048	6.71
ZZZZZZ	92732	2.12	204533	3.63	332131	3.97	273447	5.55	135400	6.71
ZZZZZZ	117705	2.12	187424	3.63	313092	3.97	250769	5.54	123137	6.71
JE6875-2 [c]	160434	2.12	208310	3.63	342574	3.97	278043	5.55	137101	6.71
JE6875-2MS	153889	2.12	214818	3.64	349363	3.97	283600	5.55	134489	6.71
JE6875-2MSD	149458	2.12	214114	3.63	342353	3.97	275416	5.55	133176	6.71
JE6875-2	144671	2.07	219312	3.64	356918	3.97	288232	5.55	138146	6.71
ZZZZZZ	141484	2.11	213824	3.63	374701	3.97	284074	5.55	138286	6.71

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Dilution required due to high concentration of target compound.

Internal Standard Area Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	VY9217-CC9183	**Injection Date:**	03/07/25
Lab File ID:	Y213376.D	**Injection Time:**	10:05
Instrument ID:	GCMSY	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	277018	1.73	703983	2.79	1105716	3.33	898975	5.80	572171	7.68
Upper Limit [a]	554036	2.23	1407966	3.29	2211432	3.83	1797950	6.30	1144342	8.18
Lower Limit [b]	138509	1.23	351992	2.29	552858	2.83	449488	5.30	286086	7.18

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
VY9217-BS	272310	1.73	688875	2.79	1109914	3.33	907059	5.80	562717	7.68
VY9217-MB	159605	1.73	645782	2.80	933807	3.33	807022	5.80	543859	7.68
ZZZZZZ	159605	1.73	645782	2.80	933807	3.33	807022	5.80	543859	7.68
JE6828-1	204946	1.73	622617	2.80	915490	3.33	785943	5.80	528162	7.68
JE6828-2	226957	1.73	632244	2.79	937905	3.33	807049	5.80	538487	7.68
ZZZZZZ	211994	1.73	618883	2.80	917092	3.33	806651	5.80	536443	7.68
ZZZZZZ	203678	1.73	605869	2.79	898051	3.33	779628	5.80	514779	7.68
ZZZZZZ	195554	1.73	609336	2.79	887723	3.33	769894	5.80	508702	7.68
JE6828-1MS	244133	1.73	654903	2.79	1056650	3.33	860669	5.80	517469	7.68
JE6828-2DUP	222092	1.73	635772	2.79	927446	3.33	810983	5.80	534000	7.68
JE6875-3	256990	1.73	596964	2.79	862473	3.33	768588	5.80	516404	7.68
ZZZZZZ	199007	1.73	625068	2.80	919955	3.33	807962	5.80	541958	7.68
ZZZZZZ	210054	1.73	630846	2.80	942053	3.33	812606	5.80	543733	7.68
ZZZZZZ	224484	1.73	611160	2.80	912864	3.33	786067	5.80	525460	7.68
ZZZZZZ	207792	1.73	622378	2.80	918450	3.33	800699	5.80	541682	7.68
ZZZZZZ	220635	1.73	612975	2.79	900737	3.33	787492	5.79	537276	7.68
ZZZZZZ	193000	1.73	598045	2.79	879597	3.33	765522	5.80	514096	7.68
ZZZZZZ	200617	1.73	587648	2.79	848375	3.33	744627	5.80	502811	7.68
ZZZZZZ	205314	1.73	581664	2.79	855946	3.33	752775	5.80	501717	7.68
ZZZZZZ	195497	1.73	595094	2.79	879373	3.33	762689	5.79	514138	7.68
ZZZZZZ	190004	1.73	565254	2.79	844972	3.33	741511	5.80	488106	7.68
ZZZZZZ	205421	1.73	586575	2.80	860454	3.33	755145	5.80	495253	7.68
ZZZZZZ	185156	1.73	580207	2.80	860431	3.33	759663	5.80	495963	7.68
JE6875-1	191315	1.73	600291	2.80	877823	3.33	771357	5.80	518304	7.68
ZZZZZZ	229426	1.73	569029	2.80	833578	3.33	715557	5.80	440734	7.68

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Surrogate Recovery Summary

Job Number: JE6875
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Method: SW846 8260D **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JE6875-1	Y213405.D	102	101	100	101
JE6875-2	GA19924.D	89	107	103	97
JE6875-2	GA19928.D	93	98	102	100
JE6875-3	Y213389.D	98	106	101	102
JE6875-2MS	GA19925.D	93	105	104	103
JE6875-2MSD	GA19926.D	91	106	105	100
VGA560-BS	GA19918.D	97	97	103	101
VGA560-MB	GA19921.D	97	102	101	99
VY9217-BS	Y213378.D	95	88	98	100
VY9217-MB	Y213380.D	98	96	102	101

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-124%
S2 = 1,2-Dichloroethane-D4	75-133%
S3 = Toluene-D8	79-125%
S4 = 4-Bromofluorobenzene	58-148%

Metals Analysis

QC Data Summaries

7

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE6875
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53088
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 03/10/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	2.7	8.1		
Antimony	2.0	.22	.41		
Arsenic	2.0	.13	.28		
Barium	20	.1	1.9		
Beryllium	0.20	.02	.08		
Bismuth	2.0	.21	.52		
Boron	10	.1	3.7		
Cadmium	0.50	.02	.07		
Calcium	500	.77	21		
Chromium	1.0	.05	.37		
Cobalt	5.0	.04	.28		
Copper	2.5	.68	.84		
Iron	50	1.5	19		
Lead	2.0	.16	.41	0.050	<2.0
Lithium	5.0	.37	.92		
Magnesium	500	5.4	14		
Manganese	1.5	.01	.41		
Molybdenum	2.0	.05	.32		
Nickel	4.0	.03	.35		
Phosphorus	20	.18	3.3		
Potassium	1000	7.7	32		
Selenium	2.0	.2	.65		
Silicon	20	.13	11		
Silver	0.50	.09	.17		
Sodium	1000	2.3	78		
Strontium	5.0	.04	.18		
Sulfur	10	.41	3.9		
Thallium	1.0	.16	.58		
Tin	20	.09	3.8		
Titanium	1.0	.09	.34		
Tungsten	5.0	.2	1.8		
Vanadium	5.0	.08	.19		
Zinc	5.0	.02	2.3		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE6875
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53088 Methods: SW846 6010D
Matrix Type: SOLID Units: mg/kg

Prep Date: 03/10/25

Metal	RL	IDL	MDL	MB raw	final
Zirconium	2.0	.05	.54		

Associated samples MP53088: JE6875-1, JE6875-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE6875
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53088
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 03/10/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron				
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	197	200	98.5	80-120
Lithium				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE6875
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53088
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 03/10/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium				

Associated samples MP53088: JE6875-1, JE6875-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE6875
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53088
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/10/25

Metal	JE6980-21 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron				
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	39.8	38.9	2.3	0-10
Lithium				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE6875
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53088 Methods: SW846 6010D
Matrix Type: SOLID Units: ug/l

Prep Date: 03/10/25

Metal	JE6980-21 Original SDL 1:5	%DIF	QC Limits
Zirconium			

Associated samples MP53088: JE6875-1, JE6875-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

POST DIGESTATE SPIKE SUMMARY

Login Number: JE6875
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53088
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/10/25

Metal	Sample ml	Final ml	JE6980-21 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Bismuth										
Boron										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead										
Lithium										
Magnesium										
Manganese										
Molybdenum										
Nickel										
Phosphorus										
Potassium										
Selenium										
Silicon										
Silver										
Sodium										
Strontium										
Sulfur										
Thallium										
Tin										
Titanium										
Tungsten										
Vanadium										
Zinc										

POST DIGESTATE SPIKE SUMMARY

Login Number: JE6875
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53088
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/10/25

Metal	Sample ml	Final ml	JE6980-21 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Zirconium										

Associated samples MP53088: JE6875-1, JE6875-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE6875
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53093
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/08/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	9.2	46		
Antimony	100	2.8	4.7		
Arsenic	100	2.6	2.8		
Barium	200	.2	13		
Beryllium	2.0	.2	.5		
Bismuth	20	2.5	4		
Boron	100	1.8	63		
Cadmium	4.0	.4	1		
Calcium	5000	13	99		
Chromium	10	.7	2		
Cobalt	50	.6	2.6		
Copper	10	.7	5.9		
Iron	100	3.3	32		
Lead	100	2	1.8	0.30	<100
Lithium	50	1.5	7.3		
Magnesium	5000	25	140		
Manganese	15	.1	1.4		
Molybdenum	20	.6	3.6		
Nickel	10	.8	1.7		
Phosphorus	50	7	18		
Potassium	10000	35	200		
Selenium	100	3.6	4.9		
Silicon	200	2.2	100		
Silver	10	.6	1.9		
Sodium	10000	14	570		
Strontium	10	.1	1		
Sulfur	50	3.7	45		
Thallium	100	5.2	1.8		
Tin	10	1.4	3.7		
Titanium	10	.8	2.5		
Tungsten	50	1.3	40		
Vanadium	50	.5	1.8		
Zinc	20	.3	6.9		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE6875
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53093
Matrix Type: LEACHATE

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/08/25

Metal	RL	IDL	MDL	MB raw	final
Zirconium	10	.5	4.1		

Associated samples MP53093: JE6875-1A, JE6875-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE6875
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53093
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date:		03/08/25				03/08/25		
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic	anr							
Barium								
Beryllium								
Bismuth								
Boron								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead	1840	2000	92.0	80-120	1870	2000	93.5	80-120
Lithium								
Magnesium								
Manganese								
Molybdenum								
Nickel								
Phosphorus								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Tin								
Titanium								
Tungsten								
Vanadium								
Zinc								

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE6875
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53093 Methods: SW846 6010D
Matrix Type: LEACHATE Units: ug/l

Prep Date:				03/08/25				03/08/25
Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zirconium								

Associated samples MP53093: JE6875-1A, JE6875-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE6875
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53093
Matrix Type: LEACHATE
Methods: SW846 6010D
Units: ug/l

Prep Date: 03/08/25

Metal	JE6433-1R Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium				
Beryllium				
Bismuth				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	2.40	0.00	100.0(a)	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				
Zinc				

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE6875
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53093 Methods: SW846 6010D
Matrix Type: LEACHATE Units: ug/l

Prep Date: 03/08/25

Metal	JE6433-1R Original SDL 1:5	%DIF	QC Limits
Zirconium			

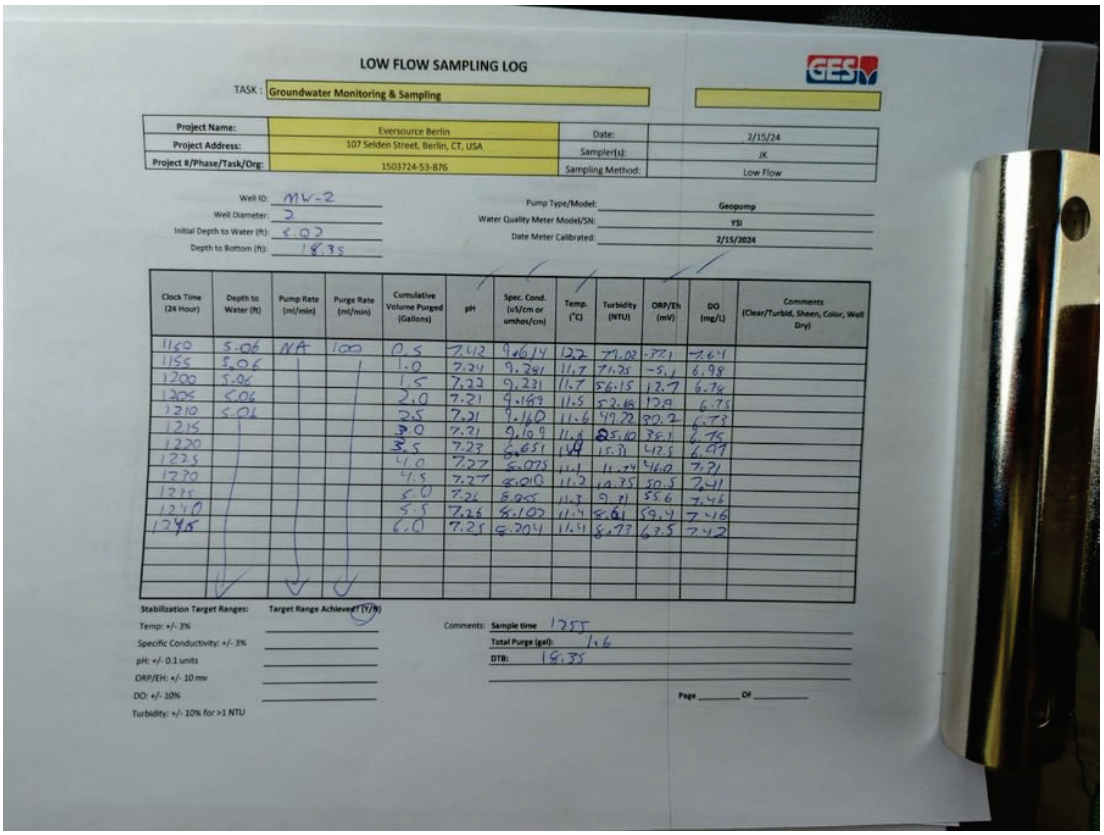
Associated samples MP53093: JE6875-1A, JE6875-2A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Appendix C – Low Flow Logs

General Site Activities
Eversource Energy
Eversource/BerlinCT/SeldenSt107

Client: Eversource Energy
Site Name: Eversource/BerlinCT/SeldenSt107



LOW FLOW SAMPLING LOG

TASK: Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	2/15/24
Project Address:	107 Selden Street, Berlin, CT, USA	Sampler(s):	JK
Project #/Phase/Task/Org:	1503724-53-876	Sampling Method:	Low Flow

Well ID: MW-2
Well Diameter: 2
Initial Depth to Water (ft): 5.07
Depth to Bottom (ft): 18.35

Pump Type/Model: Geopump
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 2/15/2024

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
1150	5.06	NA	100	0.5	7.12	9.614	12.2	79.02	-77.1	7.64	
1155	5.06			1.0	7.24	9.241	11.7	71.25	-5.1	6.98	
1200	5.06			1.5	7.23	9.231	11.7	56.15	12.7	6.76	
1205	5.06			2.0	7.21	9.169	11.5	52.46	17.9	6.75	
1210	5.06			2.5	7.21	9.160	11.6	49.72	20.2	6.73	
1215				3.0	7.21	9.109	11.6	45.10	28.1	6.76	
1220				3.5	7.23	9.051	11.4	15.31	42.5	6.77	
1225				4.0	7.27	9.075	11.1	11.74	46.0	7.21	
1230				4.5	7.27	9.010	11.2	12.35	50.5	7.41	
1235				5.0	7.21	8.955	11.3	9.71	55.6	7.46	
1240				5.5	7.26	9.107	11.4	8.61	59.4	7.46	
1245				6.0	7.25	9.204	11.4	8.77	67.5	7.42	

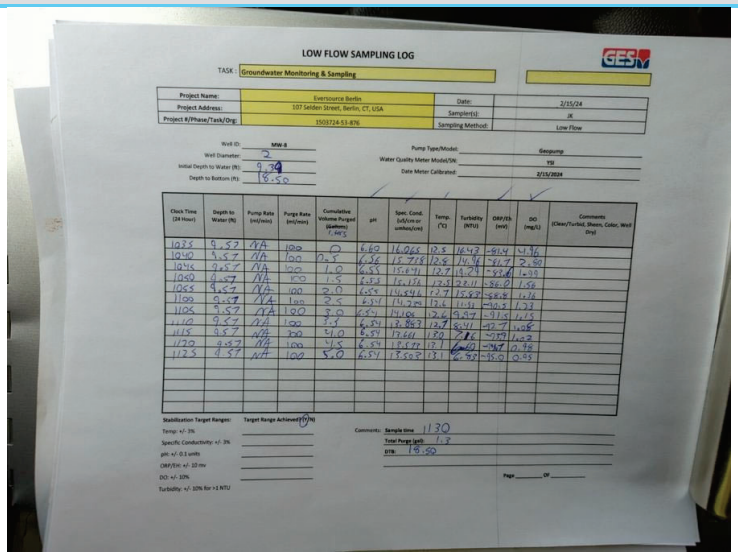
Stabilization Target Ranges: Target Range Achieved? (Y/N)
Temp: +/- 3%
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/EH: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Comments: Sample time 1255
Total Purge (gal): 1.6
DTB: 18.35

Page ____ Of ____

General Site Activities
Eversource Energy
Eversource/BerlinCT/SeldenSt107

Client: Eversource Energy
Site Name: Eversource/BerlinCT/SeldenSt107



LOW FLOW SAMPLING LOG

TASK: Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	2/15/24
Project Address:	107 Selden Street, Berlin, CT, USA	Sampler(s):	JK
Project #/Phase/Task/Org:	1503724-53-876	Sampling Method:	Low Flow

Well ID: MW-8
Well Diameter: 2
Initial Depth to Water (ft): 9.39
Depth to Bottom (ft): 18.50

Pump Type/Model: Geopump
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 2/15/2024

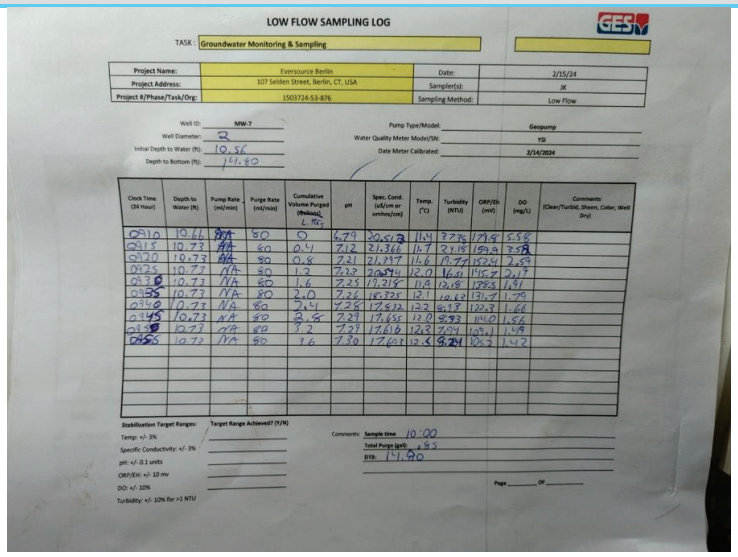
Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons) / (L)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
1025	9.57	NA	100	0	6.60	16.065	12.5	1647	-81.4	4.76	
1040	9.57	NA	100	0.5	6.56	15.718	12.6	1496	-81.7	2.80	
1045	9.57	NA	100	1.0	6.55	15.691	12.7	1929	-55.6	1.99	
1050	9.57	NA	100	1.5	6.54	15.174	12.5	2211	-56.0	1.58	
1055	9.57	NA	100	2.0	6.55	14.934	12.7	1582	-58.8	1.74	
1100	9.57	NA	100	2.5	6.54	14.739	12.6	1153	-60.5	1.33	
1105	9.57	NA	100	3.0	6.54	14.106	12.6	9.97	-91.5	1.15	
1110	9.57	NA	100	3.5	6.54	13.869	12.7	8.41	-92.7	1.08	
1115	9.57	NA	100	4.0	6.54	13.661	13.0	7.86	-93.9	1.02	
1120	9.57	NA	100	4.5	6.54	13.577	13.1	6.60	-94.7	0.98	
1125	9.57	NA	100	5.0	6.54	13.507	13.1	6.32	-95.0	0.95	

Stabilization Target Ranges: Target Range Achieved? (Y/N)
Temp: +/- 3%
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/Eh: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Comments: Sample time 1130
Total Purge (gal): 1.8
DTB: 19.50

Page ___ Of ___

Client: Eversource Energy
Site Name: Eversource/BerlinCT/SeldenSt107



LOW FLOW SAMPLING LOG

TASK: Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	2/15/24
Project Address:	107 Selden Street, Berlin, CT, USA	Sampler(s):	JK
Project #/Phase/Task/Org:	1503724-53-876	Sampling Method:	Low Flow

Well ID: MW-7
Well Diameter: 2
Initial Depth to Water (ft): 10.56
Depth to Bottom (ft): 41.80

Pump Type/Model: Geopump
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 2/14/2024

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons) / (L)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments: (Clear/Turbid, Sheen, Color, Well Dry)
0910	10.66	NA	80	0	6.79	20.513	11.4	3736	179.5	5.58	
0915	10.73	NA	80	0.4	7.12	21.366	11.7	2418	159.9	3.58	
0920	10.73	NA	80	0.8	7.21	21.297	11.6	1977	152.4	2.59	
0925	10.73	NA	80	1.2	7.22	20.894	12.0	1621	145.7	2.17	
0930	10.73	NA	80	1.6	7.25	19.218	11.9	1018	128.5	1.91	
0935	10.73	NA	80	2.0	7.26	18.335	12.1	1062	131.7	1.79	
0940	10.73	NA	80	2.4	7.28	17.812	12.2	969	122.8	1.66	
0945	10.73	NA	80	2.8	7.29	17.655	12.0	893	114.0	1.56	
0950	10.73	NA	80	3.2	7.27	17.616	12.3	7.04	109.1	1.49	
0955	10.73	NA	80	3.6	7.30	17.668	12.4	9.24	105.2	1.42	

Stabilization Target Ranges: Target Range Achieved? (Y/N)
Temp: +/- 3%
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/Eh: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Comments: Sample time 1000
Total Purge (gal): 4.5
DTB: 41.90

Page ___ Of ___

LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	EVERSOURCE - BERLIN	Date:	5/20/24
Project Address:	107 SELDEN ST.	Sampler(s):	DN CUSTER LF
Project #/Phase/Task/Org:	150372 4	Sampling Method:	

Well ID: MW-4A
Well Diameter: 2
Initial Depth to Water (ft): 5.34
Depth to Bottom (ft): 13.55

Pump Type/Model: Geotech
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 5/19/24

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min) 2	Purge Rate (ml/min) L	Cumulative Volume Purged (Gallons) L	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
0750	5.45	0.378	0.378	1	6.75	7862	15.8	5.6	248.5	7.46	
0755	5.52	1	1	1	6.89	8043	15.8	5.1	258.0	7.05	
0800	5.60	1	1	1	6.98	7978	15.9	5.4	260.9	7.01	
0805	5.65	1	1	1	6.99	8040	15.9	5.9	261.9	6.92	
0810	5.69	1	1	1.89	6.99	8056	15.9	5.9	262.5	6.91	

Stabilization Target Ranges:	Target Range Achieved? (Y/N)
Temp: +/- 3%	
Specific Conductivity: +/- 3%	
pH: +/- 0.1 units	
ORP/EH: +/- 10 mv	
DO: +/- 10%	
Turbidity: +/- 10% for >1 NTU	

Comments: SB: 0745

Total Purge (gal): 0.5

DTB: 0815

Page 1 OF 1

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LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	EVERSOURCE - BAUN	Date:	5/20/24
Project Address:	107 SELDEN ST.	Sampler(s):	DAN WISTER
Project #/Phase/Task/Org:	1503724	Sampling Method:	LF

Well ID: MW-2A
Well Diameter: 2
Initial Depth to Water (ft): 5.20
Depth to Bottom (ft): 13.0

Pump Type/Model: Geotech
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 5/19/24

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons) L	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
0835	5.33	0.378	0.378		7.68	8214	16.1	7.8	228.5	5.00	
0840	5.36				7.64	8017	16.0	5.6	219.6	4.71	
0845	5.38				7.61	8083	16.2	6.0	218.5	4.16	
0850	5.39				7.61	8127	16.3	6.0	219.3	4.10	
0855	5.40			1.89	7.66	8200	16.4	5.7	219.2	4.00	

Stabilization Target Ranges:	Target Range Achieved? (Y/N)	Comments:	0830
Temp: +/- 3%	Y		
Specific Conductivity: +/- 3%	Y	Total Purge (gal): 0.5	
pH: +/- 0.1 units	Y	DTB:	
ORP/EH: +/- 10 mv	Y	0900	
DO: +/- 10%	Y		
Turbidity: +/- 10% for >1 NTU	Y		

Page 1 Of 1

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LOW FLOW SAMPLING LOG

TASK: Groundwater Monitoring & Sampling

Project Name:	EVERSOURCE - BERLIN	Date:	5/20/24
Project Address:	107 SELDEN ST.	Sampler(s):	DAN CUSTER
Project #/Phase/Task/Org:	1503724	Sampling Method:	LF

Well ID: MW-3A
Well Diameter: 2"
Initial Depth to Water (ft): 6.72
Depth to Bottom (ft): 19.45

Pump Type/Model: Geotech
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 5/19/24

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min) L	Purge Rate (gal/min) L	Cumulative Volume Purged (Gallons) L	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
0920	6.93	0.378	0.378		7.24	11822	15.3	3.9	228.7	6.30	
0925	6.99				7.18	11724	15.4	4.2	227.9	6.22	
0930	7.05				7.08	11397	15.6	4.6	204.7	6.32	
0935	7.12				7.09	11200	15.6	5.0	197.9	6.38	
0940	7.20			1.89	7.09	11159	15.7	5.5	196.9	6.41	

Stabilization Target Ranges: Target Range Achieved? (Y/N)
Temp: +/- 3%
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/EH: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Comments: 0915
Total Purge (gal): 0.5
DTB: 0945 → DUPLICATE SAMPLE TAKEN

Page 1 of 1

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LOW FLOW SAMPLING LOG

GEI

TASK: Groundwater Monitoring & Sampling

Project Name:	EVERSOURCE - BERLIN	Date:	5/20/24
Project Address:	107 Selden St.	Sampler(s):	DN CUSTER
Project #/Phase/Task/Org:	150373724	Sampling Method:	LF

Well ID: MW-104
Well Diameter: 2
Initial Depth to Water (ft): 2.52
Depth to Bottom (ft): 14.0

Pump Type/Model: GeoTech
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 5/19/24

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min) L	Purge Rate (ml/min) L	Cumulative Volume Purged (Gallons) L	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
1025	3.12	0.343	0.343	1	7.76	801	17.9	26.2	168.7	3.59	
1030	3.27				7.38	635	18.6	23.4	174.8	3.11	
1035	3.31				7.23	539	17.9	20.1	176.8	2.95	
1040	3.33				7.18	521	18.0	18.4	177.9	2.96	
1045	3.37				7.16	527	18.5	15.6	178.1	2.93	
1050	3.41				7.11	518	18.9	13.1	184.7	2.90	
1055	3.41				7.10	531	19.2	11.9	184.0	2.88	
1100	3.41				7.10	536	19.4	10.9	185.8	2.86	
1105	3.42				7.11	546	19.4	10.9	187.5	2.82	
1110	3.43				7.10	544	19.6	9.9	188.1	2.79	
1115	3.43				7.09	545	19.6	9.8	188.7	2.77	
1120	3.44	↓	↓	3.75	7.09	546	19.6	9.8	189.0	2.76	

Stabilization Target Ranges: Target Range Achieved? (Y/N)
Temp: +/- 3% Y
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/EH: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Comments: 1020

Total Purge (gal): 1.0
DTB: 1125

Page 1 of 1

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LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	EVERSOURCE - BERLIN	Date:	5/9/24
Project Address:	107 SELDEN ST.	Sampler(s):	DN CUSTER
Project #/Phase/Task/Org:	15037724	Sampling Method:	LF

Well ID: MW-6A
Well Diameter: 2
Initial Depth to Water (ft): 8.01
Depth to Bottom (ft): 18.90

Pump Type/Model: Geotech
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 5/9/24

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (gal/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
1150	8.55	0.324	0.324	1	6.73	9406	18.3	9.9	-1.9	1.78	
1155	8.97				6.93	8625	18.4	12.8	-46.7	0.95	
1200	9.13				6.97	8087	18.6	11.5	-50.5	0.93	
1205	9.21				6.96	8077	19.1	10.5	-52.8	0.92	
1210	9.27				6.96	8099	19.5	9.7	-53.6	0.90	
1215	9.33				6.95	8106	19.6	9.8	-53.9	0.89	
1220	9.39			1.27	6.95	8112	19.6	9.6	-54.1	0.88	

Stabilization Target Ranges: Target Range Achieved? (Y/N)
Temp: +/- 3%
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/EH: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Comments: 1145

Total Purge (gal): 0.6
DTB:
1225

Page 1 Of 1

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GEI

LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	EVERSOURCE - BERLIN	Date:	5/21/24
Project Address:	107 SELDEN ST.	Sampler(s):	IAN CUSTER
Project #/Phase/Task/Org:	1503724	Sampling Method:	LF

Well ID: MW-9
Well Diameter: 2
Initial Depth to Water (ft): 5.90
Depth to Bottom (ft): 13.70

Pump Type/Model: Geotech
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 5/19/24

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
0625	5.95	0.354	0354	1	7.25	6546	16.0	6.4	170.1	2.36	
0630	5.97	1			7.01	6478	16.2	15.8	182.4	1.45	
0635	5.98	1			6.99	6472	16.1	16.0	186.0	1.19	
0640	5.98	1			6.99	6462	16.1	14.7	186.5	1.06	
0645	5.98	1			7.00	6456	16.0	11.4	186.4	1.01	
0650	5.99	1			7.00	6447	16.0	9.5	185.8	0.98	
0655	5.99	1		1	7.01	6444	15.9	9.6	185.4	0.96	
0700	5.99	1	1	2.835	7.01	6438	16.0	9.7	185.1	0.94	

Stabilization Target Ranges: Target Range Achieved? (Y/N)
Temp: +/- 3%
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/EH: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Comments: 0620

Total Purge (gal): 0.75
DTB:
0705

Page 1 of 1

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LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

GEI

Project Name:	EVERSOURCE - BAUN	Date:	5/21/24
Project Address:	107 SELDEN ST.	Sampler(s):	IAN LOSTER
Project #/Phase/Task/Org:	1503724	Sampling Method:	LF

Well ID: MW-14A
Well Diameter: 2
Initial Depth to Water (ft): 5.05
Depth to Bottom (ft): 9.91

Pump Type/Model: Geotech
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 5/19/24

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min) L	Purge Rate (ml/min) L	Cumulative Volume Purged (Gallons) L	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
0725	5.19	0.354	0.354	1	8.57	1580	14.9	8.6	187	4.91	
0730	5.22	1	1	1	8.45	1720	14.9	7.4	159.2	4.22	
0735	5.23	1	1	1	8.24	1754	14.9	7.1	168.0	3.54	
0740	5.24	1	1	1	7.78	2474	14.9	5.9	192.3	2.98	
0745	5.24	1	1	1	7.47	3481	14.9	6.6	198.8	2.46	
0750	5.24	1	1	1	7.40	3975	15.1	7.0	206.6	2.30	
0755	5.24	1	1	1	7.39	4012	15.1	7.8	201.8	2.24	
0800	5.24	1	1	2.835	7.39	4041	15.1	7.9	202.4	2.20	

Stabilization Target Ranges: Target Range Achieved? (Y/N)
Temp: +/- 3%
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/EH: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Comments: 0720

Total Purge (gal): 0.75
DTB: 0805

Page 1 of 1

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GEI

LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	EVERSOURCE - BRUNS	Date:	5/21/24
Project Address:	107 Selden St.	Sampler(s):	DAN CUSTER
Project #/Phase/Task/Org:	1503724	Sampling Method:	LF

Well ID: MW-15
Well Diameter: 2
Initial Depth to Water (ft): 14.34
Depth to Bottom (ft): 19.10

Pump Type/Model: Geotech
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 5/19/24

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min) L	Purge Rate (ml/min) L	Cumulative Volume Purged (Gallons) L	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
0830	14.38	0.354	0.354	1	6.92	11253	15.6	4.9	198.6	~~1.50~~	2.10 = DO
0835	14.61	1	1	1	6.92	10613	15.5	5.6	172.6	1.30	
0840	14.81	1	1	1	6.91	9942	15.7	8.5	163.0	1.15	
0845	15.02	1	1	1	6.92	9338	15.8	9.4	157.8	1.59	
0850	15.14	1	1	1	6.94	8272	15.9	7.7	155.7	1.73	
0855	15.26	1	1	1	6.94	8024	15.9	7.6	156.4	1.78	
0900	15.37	1	1	1	6.94	8018	15.9	7.5	156.3	1.75	
0905	15.48	1	1	2.835	6.94	8012	15.9	7.7	157.0	1.75	

Stabilization Target Ranges: Target Range Achieved? (Y/N)
Temp: +/- 3%
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/EH: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Comments: 0825
Total Purge (gal): 6.75
DTB: 8910

Page 1 OF 1

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GEI

LOW FLOW SAMPLING LOG

TASK: Groundwater Monitoring & Sampling

Project Name:	EVERSOURCE - BBLNS	Date:	5/21/24
Project Address:	107 SELDEN ST.	Sampler(s):	DAN GUSTER
Project #/Phase/Task/Org:	1503724	Sampling Method:	LF

Well ID: MW-7
Well Diameter: 2
Initial Depth to Water (ft): 10.23
Depth to Bottom (ft): 14.80

Pump Type/Model: Geotech
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 5/19/24

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (mL/min) L	Purge Rate (mL/min) L	Cumulative Volume Purged (Gallons) L	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Wet Dry)
0930	10.33	0.382	0.382		7.99	8291	15.6	13.6	137.1	1.82	
0935	10.43	1	1		8.22	7717	15.7	13.8	126.8	1.02	
0940	10.48	1	1		8.25	7512	15.8	10.7	122.9	1.03	
0945	10.53	1	1	↓	8.25	7421	15.6	9.9	122.1	1.04	
0950	10.58	0	↓	1.51	8.24	7422	16.0	9.1	120.1	1.00	

Stabilization Target Ranges: Target Range Achieved? (Y/N)
Temp: +/- 3%
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/EH: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Comments: 0925
Total Purge (gal): 0.4
DTB: 0955

Page 1 of 1

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GEI

LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	EVERSOURCE - BALLS	Date:	5/21/24
Project Address:	107 SELDEN ST.	Sampler(s):	DAN CUSTER
Project #/Phase/Task/Org:	150372 4	Sampling Method:	LF

Well ID: MW-8
Well Diameter: 2
Initial Depth to Water (ft): 8.97
Depth to Bottom (ft): 18.50

Pump Type/Model: Geotech
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 5/19/24

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (~~ml/min~~) L	Purge Rate (~~ml/min~~) L	Cumulative Volume Purged (Gallons) L	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
1035	9.27	0.315	0.315	1	7.28	4659	17.0	5.5	-77.2	1.83	
1040	9.38	"	"	"	7.23	4515	16.7	7.1	-91.5	1.02	
1045	9.41	"	"	"	7.21	4345	17.2	6.1	-95.4	0.95	
1050	9.43	"	"	"	7.19	4273	17.3	6.8	-97.9	0.92	
1055	9.45	"	"	"	7.18	4285	17.9	4.6	-98.7	0.90	
1100	9.47	"	"	1.89	7.18	4297	18.0	4.6	-98.3	0.88	

Stabilization Target Ranges: Target Range/Achieved? (Y/N)
Temp: +/- 3%
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/EH: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Comments: 1030
Total Purge (gal): 0.5
DTB: 1105

Page 1 Of 1

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LOW FLOW SAMPLING LOG

TASK: Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	10/29
Project Address:	107 Selden Street, Berlin	Sampler(s):	JT
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-1
Well Diameter: 2
Initial Depth to Water (ft): 11.75
Depth to Bottom (ft): 19.16

Pump Type/Model: GEOPUMP
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 10/29

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
0845	11.92	NA	80	0	8.23	4.964	15.4	106.74	144.3	5.20	
0850	12.13			0.4	8.24	4.858	15.8	118.95	150.5	4.52	
0855	12.20			0.8	8.23	4.653	15.7	122.25	165.4	3.63	
0900				1.2	8.21	4.695	15.8	21.77	167.3	3.22	
0905				1.6	8.20	4.696	15.9	20.88	168.1	2.96	
0910				2.0	8.19	4.792	16.0	19.99	169.4	2.74	
0915				2.4	8.20	4.711	16.1	19.77	171.3	2.62	
0920				2.8	8.19	4.712	16.0	19.13	173.8	2.52	

Stabilization Target Ranges:	Target Range Achieved? (Y/N)
Temp: +/- 3%	
Specific Conductivity: +/- 3%	
pH: +/- 0.1 units	
ORP/EH: +/- 10 mv	
DO: +/- 10%	
Turbidity: +/- 10% for >1 NTU	

Comments: Sampled 0925
Total Purge (gal):
DTB:

Page _____ OF _____

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 167
768 of 1127

LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	10/29
Project Address:	107 Selden Street, Berlin	Sampler(s):	JK
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-2
Well Diameter: 2
Initial Depth to Water (ft): 11.55
Depth to Bottom (ft): 15.34

Pump Type/Model:
Water Quality Meter Model/SN:
Date Meter Calibrated: 10/29

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
0950	11.72	0	50	0	8.17	5.640	17.6	52.91	224.3	4.32	
0955				0.4	8.12	5.648	17.1	40.56	222.9	2.54	
1000				0.8	8.13	5.642	16.8	35.66	220.0	2.31	
1005				1.2	8.18	5.632	16.5	35.13	217.1	2.13	
1010				1.6	8.24	5.627	16.1	29.59	214.3	2.06	
1015				2.0	8.26	5.624	16.0	28.03	213.8	2.05	
1020				2.4	8.30	5.621	15.9	27.54	213.0	2.02	

Stabilization Target Ranges:	Target Range Achieved? (Y/N)
Temp: +/- 3%	
Specific Conductivity: +/- 3%	
pH: +/- 0.1 units	
ORP/EH: +/- 10 mv	
DO: +/- 10%	
Turbidity: +/- 10% for >1 NTU	

Comments: Sampled at 1025
Total Purge (gal):
DTB:

Page _____ OF _____

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 167
769 of 1127

LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	10/29/24
Project Address:	107 Selden Street, Berlin	Sampler(s):	JT
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-3A
Well Diameter: 2
Initial Depth to Water (ft): 11.91
Depth to Bottom (ft): 14.12

Pump Type/Model: Geopump
Water Quality Meter Model/SN: 451
Date Meter Calibrated: 10/29/24

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
0755	12.01	NA	500	0	7.25	10.150	14.0	841.3	265.9	4.41	
0800	12.09			0.4	7.38	9.755	15.7	264.09	271.8	2.65	
0805	12.17			0.8	7.46	9.421	15.8	35.1	268.9	2.07	
0810	12.25			1.2	7.55	9.291	15.7	18.55	290.1	1.76	
0815	12.33			1.6	7.57	9.215	15.8	18.22	278.2	1.71	
0820	12.41			2.0	7.59	9.208	15.7	18.10	222.8	1.61	

Stabilization Target Ranges: **Target Range Achieved? (Y/N)**

Temp: +/- 3%
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/EH: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Comments: Sampled at 0825

Total Purge (gal):

DTB:

Page _____ OF _____

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 167
770 of 1127

LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	10/29/24
Project Address:	107 Selden Street, Berlin	Sampler(s):	JT
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-4A
Well Diameter: 2
Initial Depth to Water (ft): 11.08
Depth to Bottom (ft): 13.61

Pump Type/Model: Eq Pump
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 10/29

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
1100	11.18	NA	50	0	8.02	7.905	16.0	717.15	270.4	4.35	
1105	11.21			0.4	7.86	7.654	15.3	286.37	350.8	2.26	
1110	11.33			0.8	7.84	7.509	15.2	88.55	199.0	1.70	
1115	11.37			1.2	7.82	7.490	15.1	24.33	144.0	1.43	
1120	11.42			1.6	7.80	7.496	15.3	22.06	106.8	1.30	
1125	11.47			2.0	7.81	7.498	15.3	14.58	73.0	1.20	
1130	11.51			2.4	7.78	7.500	15.4	14.56	70.2	1.16	
1135	11.56			2.8	7.77	7.495	15.3	14.22	65.2	1.12	

Stabilization Target Ranges:	Target Range Achieved? (Y/N)
Temp: +/- 3%	
Specific Conductivity: +/- 3%	
pH: +/- 0.1 units	
ORP/EH: +/- 10 mv	
DO: +/- 10%	
Turbidity: +/- 10% for >1 NTU	

Comments: Sampled @ 1140
Total Purge (gal):
DTB:

Page _____ OF _____

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 167
771 of 1127

LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	10/29/24
Project Address:	107 Selden Street, Berlin	Sampler(s):	JH
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-5
Well Diameter: 2
Initial Depth to Water (ft): 12.22
Depth to Bottom (ft): 19.58

Pump Type/Model: Geopump
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 10/24/24

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
1215	12.34	NA	50	0	5.24	6.315	18.4	22.15	124.0	3.00	
1220	12.37			0.4	5.17	6.297	18.1	17.45	-24.5	1.71	
1225	12.41			0.8	5.16	6.267	18.1	16.45	-47.5	1.43	
1230				1.2	5.15	6.254	18.1	13.45	-59.3	1.28	
1235				1.6	5.15	6.247	18.1	12.65	-66.5	1.20	
1240				2.0	5.14	6.055	18.1	12.55	-71.6	1.14	
1245				2.4	5.16	6.046	18.1	12.21	-76.7	1.09	
1250				2.8	5.16	6.033	18.2	11.95	-80.0	1.06	

Stabilization Target Ranges:	Target Range Achieved? (Y/N)
Temp: +/- 3%	
Specific Conductivity: +/- 3%	
pH: +/- 0.1 units	
ORP/EH: +/- 10 mv	
DO: +/- 10%	
Turbidity: +/- 10% for >1 NTU	

Comments: sampled 1255

Total Purge (gal):

DTB:

Page _____ OF _____

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 167
772 of 1127

LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	10/30/24
Project Address:	107 Selden Street, Berlin	Sampler(s):	JH
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-6B
Well Diameter: 2
Initial Depth to Water (ft): 12.03
Depth to Bottom (ft):

Pump Type/Model: GEOPUMP
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 10/30/24

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
0740	12.61	NA	50	0	7.37	9,335	17.4	2855.4	273.1	3.48	
0745	13.39			0.4	7.26	9,341	17.5	1616.6	285.4	2.07	
0750	13.38			0.8	7.28	9,353	17.5	884.6	284.7	1.75	
0755	13.83			1.2	7.31	9,340	17.4	797.9	280.5	1.61	
0800	14.13			1.6	7.30	9,349	17.5	704.6	266.5	1.40	
0805	14.62			2.0	7.32	9,359	17.5	899.5	264.2	1.35	
0810				2.4							

Stabilization Target Ranges:	Target Range Achieved? (Y/N)
Temp: +/- 3%	
Specific Conductivity: +/- 3%	
pH: +/- 0.1 units	
ORP/EH: +/- 10 mv	
DO: +/- 10%	
Turbidity: +/- 10% for >1 NTU	

Comments: well ran dry ~ 0808
Total Purge (gal):
DTB:

Page _____ OF _____

LOW FLOW SAMPLING LOG

TASK: Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	10/30/24
Project Address:	107 Selden Street, Berlin	Sampler(s):	JK
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-8
Well Diameter: 2
Initial Depth to Water (ft): 12.68
Depth to Bottom (ft): 18.50

Pump Type/Model: Geopump
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 10/30/24

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
0940	12.92	NA	450	0	6.11	4.722	17.7	45.32	87.1	3.06	
0945	12.97			0.4	6.01	4.427	17.7	20.46	9.3	1.63	
0950	13.02			0.8	7.95	4.268	16.0	15.33	-21.7	1.43	
0955	13.04			1.2	7.89	4.167	16.3	7.90	-35.4	1.12	
1000	13.15			1.6	7.87	4.101	16.4	6.93	-39.5	1.07	
1005	13.15			2.0	7.85	4.088	16.5	6.58	-45.7	1.01	
1010	13.15			2.4	7.84	4.078	16.4	6.79	-50.3	0.96	
1015	13.13			2.8	7.84	4.075	16.5	6.58	-54.1	0.94	

Stabilization Target Ranges: | **Target Range Achieved? (Y/N)**

Temp: +/- 3%
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/EH: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Comments: Sampled 1025
Total Purge (gal):
DTB:

Page _____ OF _____

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 167
774 of 1127

LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	10/30/24
Project Address:	107 Selden Street, Berlin	Sampler(s):	JK
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-13A
Well Diameter: 2
Initial Depth to Water (ft): 11.97
Depth to Bottom (ft): 14.88

Pump Type/Model: Pump
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 10/30/24

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
0835	12.26	NA	50	0	7.76	7.542	17.7	236.9	248.2	3.16	
0840	12.30			0.4	7.68	7.537	17.7	143.96	196.5	1.41	
0845	12.34			0.8	7.66	7.524	17.9	94.82	140.6	1.53	
0850	12.38			1.2	7.70	7.513	18.1	66.78	97.5	1.36	
0855	12.38			1.6	7.77	7.481	18.0	49.33	66.5	1.26	
0900	12.38			2.0	7.76	7.485	18.1	30.24	39.3	1.18	
0905				2.4	7.77	7.482	18.1	29.56	25.5	1.16	
0910				2.8	7.77	7.482	18.1	28.97	20.4	1.09	

Stabilization Target Ranges: | **Target Range Achieved? (Y/N)**

Temp: +/- 3%
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/EH: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Comments: Sampled @15
Total Purge (gal):
DTB:

Page _____ OF _____

LOW FLOW SAMPLING LOG

TASK: Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	10/30/24
Project Address:	107 Selden Street, Berlin	Sampler(s):	JK
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	~~Tube~~ Low Flow

Well ID: MW-HB
Well Diameter: 2
Initial Depth to Water (ft): 7.64
Depth to Bottom (ft):

Pump Type/Model: Geopump
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 10/30/24

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
1100	8.27	MT	60	0	8.24	5.398	17.6	1,413.6	98.4	2.54	
1105	8.59			0.4	4.07	5.166	17.4	3268	79.1	1.75	
1110	8.78			0.8	8.05	4.536	17.5	131.97	64.2	1.81	
1115	8.91			1.2	8.00	3.910	17.5	73.26	63.9	1.71	
1120	9.02			1.6	7.89	4.963	17.5	71.49	72.7	1.73	
1125	9.17			2.0	7.81	4.921	17.6	52.57	75.0	1.77	
1130				2.4	7.80	4.993	17.6	50.22	73.1	1.68	
1135				2.8	7.80	5.671	14.0	35.22	65.3	1.45	
1140				3.2	7.80	5.781	18.1	34.33	53.4	1.34	
1145				3.6	7.80	5.756	18.1	33.99	45.5	1.35	
1150				4.0	7.80	5.794	18.1	32.45	45.7	1.36	

Stabilization Target Ranges:	Target Range Achieved? (Y/N)
Temp: +/- 3%	
Specific Conductivity: +/- 3%	
pH: +/- 0.1 units	
ORP/EH: +/- 10 mv	
DO: +/- 10%	
Turbidity: +/- 10% for >1 NTU	

Comments: Sampled at 1200
Total Purge (gal):
DTB:

Page _____ OF _____

LOW FLOW SAMPLING LOG

TASK: Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	3/18/25
Project Address:	107 Selden Street, Berlin	Sampler(s):	DC
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-1
Well Diameter: 2
Initial Depth to Water (ft): 8.10
Depth to Bottom (ft): 19.10

Pump Type/Model: Sqe
Water Quality Meter Model/SN:
Date Meter Calibrated:

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
1140	8.25	0.331	0.331		7.29	8.056	14.2	19.2	38.1	8.50	
1145	8.28				7.22	8.150	14.2	16.7	46.1	8.42	
1150	8.29				7.20	8.174	14.2	14.2	49.3	8.39	
1155	8.31				7.18	8.201	14.4	13.3	53.3	8.40	
1200	8.32				7.18	8.237	14.4	11.6	55.3	8.40	
1205	8.32				7.17	8.272	14.5	9.6	57.9	8.40	
1210	8.33				7.17	8.270	14.3	9.6	59.6	8.43	
1215	8.33			2.65	7.17	8.276	14.3	9.6	60.5	8.43	

Stabilization Target Ranges:	Target Range Achieved? (Y/N)
Temp: +/- 3%	Y
Specific Conductivity: +/- 3%	
pH: +/- 0.1 units	
ORP/EH: +/- 10 mv	
DO: +/- 10%	
Turbidity: +/- 10% for >1 NTU	

Comments: 1135
Total Purge (gal): 0.7
DTB:
1220

Page 1 OF 1

LOW FLOW SAMPLING LOG

TASK: Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	3/18/25
Project Address:	107 Selden Street, Berlin	Sampler(s):	DC
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-2A
Well Diameter: 2
Initial Depth to Water (ft): 9.32
Depth to Bottom (ft): 12.88

Pump Type/Model: GRO
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 3/18/25

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
0900	9.94	0.324	0.324		6.42	3.547	10.2	16.7	104.8	9.33	
0905	10.16	↓	↓	↓	6.65	4.232	10.0	15.0	96.6	8.58	
0910	10.33				6.75	4.639	10.1	13.2	94.8	7.96	
0915	10.55				6.79	4.887	10.2	13.5	94.6	7.46	
0920	10.68				6.77	5.144	10.3	9.9	93.9	6.59	
0925	10.77				6.76	5.149	10.3	9.5	92.6	6.54	
0930	10.85			2.27	6.76	5.153	10.3	9.1	91.3	6.51	

Stabilization Target Ranges:
Temp: +/- 3%
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/EH: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Target Range Achieved? (Y/N): Y

Comments: 0855
Total Purge (gal): 8.6
DTB: 0935

Page 1 OF 1

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 167
778 of 1127

LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	3/20/25
Project Address:	107 Selden Street, Berlin	Sampler(s):	JT
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-3A
Well Diameter: 2
Initial Depth to Water (ft): 9.75
Depth to Bottom (ft): 14.04

Pump Type/Model: GEOPUMP
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 3/20/25

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (~~Gallons~~ L)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
0730	9.82	NA	100	0	12.76	21813	11.1	84.00	246.6	6.32	
0735	9.82			0.5	13.64	21134	11.0	45.32	246.7	4.08	
0740	9.82			1.0	13.77	20005	10.9	26.00	250.7	3.37	
0745				1.5	13.76	19051	10.9	17.20	251.4	3.11	
0750				2.0	13.64	18740	10.9	16.01	253.7	2.99	
0755				2.5	13.63	18657	10.8	15.73	254.6	3.00	
0800				3	13.76	18570	10.9	15.36	256.0	3.01	

Stabilization Target Ranges:	Target Range Achieved? (Y/N)
Temp: +/- 3%	Y
Specific Conductivity: +/- 3%	
pH: +/- 0.1 units	
ORP/EH: +/- 10 mv	
DO: +/- 10%	
Turbidity: +/- 10% for >1 NTU	

Comments: Sampled at 0805
Total Purge (~~gal~~): L
DTB: 14.04

Page _____ OF _____

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 167
779 of 1127

LOW FLOW SAMPLING LOG

TASK: Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	3/19/25
Project Address:	107 Selden Street, Berlin	Sampler(s):	JF
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-4A
Well Diameter: 2"
Initial Depth to Water (ft): 9.12
Depth to Bottom (ft): 19.12

Pump Type/Model: Geopump
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 3/19/25

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
1235	9.02	NA	100	0	10.01	7523	15.2	66.64	191.4	7.52	
1240	9.06			0.5	11.15	7515	14.7	56.56	205.2	6.57	
1245	9.09			1	11.22	7536	14.7	29.11	214.6	6.35	
1250	9.12			1.5	11.23	7561	15.1	25.52	223.7	6.22	
1255	9.15			2	11.18	7568	15.0	22.84	227.2	6.16	
1300				2.5	11.16	7573	15.0	19.41	233.3	6.10	
1305				3	11.21	7560	15.0	19.27	237.0	6.06	
1310					11.24	7554	15.0	19.12	237.5	6.04	

Stabilization Target Ranges:	Target Range Achieved? (Y/N)
Temp: +/- 3%	
Specific Conductivity: +/- 3%	
pH: +/- 0.1 units	
ORP/EH: +/- 10 mv	
DO: +/- 10%	
Turbidity: +/- 10% for >1 NTU	

Comments: Sampled @ 1315
Total Purge (gal): 3
DTB: 19.12

Page _____ OF _____

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 167
780 of 1127

LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	3/13/25
Project Address:	107 Selden Street, Berlin	Sampler(s):	DC
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-5
Well Diameter: 2
Initial Depth to Water (ft): 10.56
Depth to Bottom (ft): 19.58

Pump Type/Model: Smve
Water Quality Meter Model/SN:
Date Meter Calibrated:

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
0955	10.90	0.315	0.315		6.85	5.334	12.7	19.7	-21.4	6.72	
1000	11.09	↓	↓		6.84	5.161	12.0	15.1	-48.2	5.17	
1005	11.16				6.83	5.164	12.2	12.3	-57.2	4.55	
1010	11.25				6.83	5.235	12.3	9.8	-63.9	4.04	
1015	11.31			↓	6.83	5.233	12.1	9.5	-64.8	4.00	
1020	11.37	↓	↓	1.89	6.83	5.257	12.1	9.3	-66.4	3.97	

Stabilization Target Ranges:
Temp: +/- 3%
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/EH: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Target Range Achieved? (Y/N)
↓

Comments: 0950
Total Purge (gal): 0.5
DTB: 1025

Page 1 OF 1

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 167
781 of 1127

LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	3/20/25
Project Address:	107 Selden Street, Berlin	Sampler(s):	JK
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-6B
Well Diameter: 2
Initial Depth to Water (ft): 11.57
Depth to Bottom (ft): 14.59

Pump Type/Model:
Water Quality Meter Model/SN:
Date Meter Calibrated:

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
1110	12.16	NA	100	0	12.58	9582	12.1	39.98	27.4	4.65	
1115	12.98			.5	12.59	9716	12.4	30.74	3.2	2.63	
1120	13.07				12.54	9736	12.4	53.19	-8.8	2.01	
1125	13.54				12.57	9759	12.3	34.56	-11.0	1.67	
1130	14.12				12.50	9833	12.5	39.64	-13.7	1.58	
1135	14.51				12.53	9854	12.3	28.77	-13.5	1.54	
1230	13.73				12.48	9865	12.4	20.03	-11.1	1.50	
1235	13.63				12.46	9880	12.4	19.56	-8.4	1.43	
1240	14.14				12.40	9884	12.4	20.54	-6.6	1.40	

Stabilization Target Ranges:	Target Range Achieved? (Y/N)
Temp: +/- 3%	Y
Specific Conductivity: +/- 3%	
pH: +/- 0.1 units	
ORP/EH: +/- 10 mv	
DO: +/- 10%	
Turbidity: +/- 10% for >1 NTU	

Comments: 1 waited 45 minutes to recharge
Total Purge (gal): 1
DTB:
Sampled @ 1250

Page _____ OF _____

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 167
782 of 1127

LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	3/19/25
Project Address:	107 Selden Street, Berlin	Sampler(s):	
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-7
Well Diameter: 2
Initial Depth to Water (ft): 13.60
Depth to Bottom (ft): 14.8

Pump Type/Model: GEOPUMP
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 3/19/25

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
10:45	14.1	NA	50	0	9.34	6268	14.9	331	148.0	4.34	
				0.4							
				0.8							
				1.2							
				1.6							
				2.0							
				2.4							

Stabilization Target Ranges:
Temp: +/- 3%
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/EH: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Target Range Achieved? (Y/N)

Comments: Sampled @ 1059, VOCs only well running dry
Total Purge (gal):
DTB: 14.8

Page _____ OF _____

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 167
783 of 1127

LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	3/20/25
Project Address:	107 Selden Street, Berlin	Sampler(s):	ST
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-8
Well Diameter: 2
Initial Depth to Water (ft): 12.37
Depth to Bottom (ft): 16.50

Pump Type/Model: Geopump
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 3/20/25

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged ~~(Gallons)~~ L	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
1005	12.47	NA	100	0	12.83	5194	12.5	27.68	171.1	4.99	
1010	12.47			1.5	12.70	5120	12.6	13.57	136.5	2.65	
1015	12.47			1	12.71	5137	12.9	15.63	89.0	2.00	
1020				1.5	12.79	5130	12.5	13.47	31.8	1.66	
1025				2	12.70	5124	12.7	12.52	0.4	1.53	
1030				2.5	12.67	5107	12.8	11.67	-23.6	1.40	
1035				3	12.63	5064	12.8	11.73	-32.3	1.34	
1040				3.5	12.56	5063	12.6	11.53	-48.4	1.26	
1045				4	12.57	5063	12.7	11.48	-50.0	1.25	
1050					12.58	5062	12.6	11.41	-53.5	1.27	

Stabilization Target Ranges: | **Target Range Achieved? (Y/N)**

Temp: +/- 3%
Specific Conductivity: +/- 3%
pH: +/- 0.1 units
ORP/EH: +/- 10 mv
DO: +/- 10%
Turbidity: +/- 10% for >1 NTU

Comments: Sampled 1055
Total Purge ~~(Gal)~~ L:
DTB:

Page _____ OF _____

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 167
784 of 1127

LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	3/19/25
Project Address:	107 Selden Street, Berlin	Sampler(s):	JT
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-13A
Well Diameter: 2
Initial Depth to Water (ft): 11.46
Depth to Bottom (ft): 15.13

Pump Type/Model: Geopump
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 3/19/25

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (~~Gallons~~) L	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
0925	11.67	NA	100	0	9.12	19283	12.3	201.53	234.5	5.85	
0930	11.67			0.5	10.05	19107	12.4	109.72	231.0	3.75	
0935	11.67			1.0	10.23	19988	12.2	100.02	224.3	2.90	
0940				1.5	10.97	18565	12.6	71.28	213.1	2.41	
0945				2.0	11.17	18257	12.8	52.58	202.5	2.16	
0950				2.5	11.07	17053	13.1	30.04	194.5	2.03	
0955				3.0	11.11	15730	13.0	24.50	166.0	1.96	
1000				3.5	11.16	15206	13.1	21.62	149.3	1.91	
1005				4.0	11.10	14950	13.2	18.43	133.7	1.63	
1010				4.5	11.17	15035	13.3	17.11	100.5	1.79	
1015				5.0	11.19	15075	13.3	16.41	78.6	1.72	
1020				5.5	11.21	15126	13.4	16.77	93.1	1.65	

Stabilization Target Ranges:	Target Range Achieved? (Y/N)
Temp: +/- 3%	Y
Specific Conductivity: +/- 3%	Y
pH: +/- 0.1 units	Y
ORP/EH: +/- 10 mv	Y
DO: +/- 10%	Y
Turbidity: +/- 10% for >1 NTU	

Comments: Sampled 1025
Total Purge (~~gal~~) L: 5.5
DTB: 15.13

Page _____ OF _____

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 167
785 of 1127

LOW FLOW SAMPLING LOG

TASK: Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	3/19/25
Project Address:	107 Selden Street, Berlin	Sampler(s):	JK
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	Low Flow

Well ID: MW-14B
Well Diameter: 2
Initial Depth to Water (ft): 5.97
Depth to Bottom (ft): 12.22

Pump Type/Model: Geopump
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 3/19/25

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged ~~(Gallons)~~ L	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
1125	6.27	NA	100	0	13.04	644	9.7	95.52	148.1	9.41	
1130	6.27			0.5	13.11	624	9.4	75.64	167.2	9.73	
1135				1.0	12.94	620	9.6	70.69	180.8	9.77	
1140				1.5	13.36	615	9.6	70.54	190.0	9.72	
1145				2.0	12.89	617	9.6	70.22	197.1	9.54	
1150				2.5	12.84	617	9.5	69.55	202.1	9.19	
1155				3.0	12.89	616	9.5	60.21	207.7	9.05	
1200				3.5	12.86	618	9.4	57.63	209.5	9.05	

Stabilization Target Ranges: | **Target Range Achieved? (Y/N)**

Temp: +/- 3% ✓
Specific Conductivity: +/- 3% ✓
pH: +/- 0.1 units ✓
ORP/EH: +/- 10 mv ✓
DO: +/- 10% ✓
Turbidity: +/- 10% for >1 NTU ✓

Comments: Sampled 1205
Total Purge ~~(gal)~~: L
DTB:

Page _____ OF _____

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 167
786 of 1127

LOW FLOW SAMPLING LOG

TASK : Groundwater Monitoring & Sampling

Project Name:	Eversource Berlin	Date:	3/20/25
Project Address:	107 Selden Street, Berlin	Sampler(s):	JK
Project #/Phase/Task/Org:	1503724/53/880	Sampling Method:	/ Low Flow

Well ID: MW-17
Well Diameter: 2
Initial Depth to Water (ft): 12.99
Depth to Bottom (ft): 15.00

Pump Type/Model: ~~Geo~~ Pump
Water Quality Meter Model/SN: YSI
Date Meter Calibrated: 3/20/25

Clock Time (24 Hour)	Depth to Water (ft)	Pump Rate (ml/min)	Purge Rate (ml/min)	Cumulative Volume Purged (Gallons)	pH	Spec. Cond. (uS/cm or umhos/cm)	Temp. (°C)	Turbidity (NTU)	ORP/Eh (mV)	DO (mg/L)	Comments (Clear/Turbid, Sheen, Color, Well Dry)
0540	13.06	NA	100	0	13.53	9240	11.0	29.64	250.1	5.05	
0545	13.06			0.5	13.37	9165	11.2	28.31	253.6	3.13	
0550				1.0	13.32	9173	11.2	28.51	245.7	2.46	
0555				1.5	13.24	9164	11.3	30.84	237.4	2.06	
0600				2.0	13.12	9239	11.5	27.27	211.3	1.84	
0605				2.5	13.12	9231	11.4	26.20	200.9	1.72	
0610				3.0	13.14	9234	11.2	23.95	196.6	1.66	
0615				3.5	13.15	9230	11.0	24.31	172.5	1.59	
0620				4.0	13.20	9225	10.9	24.94	140.2	1.55	
0625					13.20	9225	10.8	24.64	134.3	1.50	
0630					13.20	9231	10.7	23.16	130.5	1.50	

Stabilization Target Ranges:	Target Range Achieved? (Y/N)
Temp: +/- 3%	
Specific Conductivity: +/- 3%	
pH: +/- 0.1 units	
ORP/EH: +/- 10 mv	
DO: +/- 10%	
Turbidity: +/- 10% for >1 NTU	

Comments: Sampled 0935
Total Purge (gal): 4
DTB:

Page _____ OF _____

The Connecticut Light and Power Company
d/b/a Eversource Energy
Docket No. 26-05-10
Date Issued September 29, 2026
RSR-032 Attachment 167
787 of 1127

Appendix D – Laboratory Analytical Reports - Groundwater

SGS

Dayton, NJ

02/27/24

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Groundwater & Environmental Services

Eversource, Berlin, CT

1503724-53-876-1115

SGS Job Number: JD82650

Sampling Date: 02/15/24



Report to:

Groundwater & Environmental Services
100 Sebethe Drive, Unit A-8
Cromwell, CT 06416
NERegion@GESOnline.com; MDeGloria@gesonline.com;
kebradley@GESonline.com
ATTN: Michael DeGloria

Total number of pages in report: 44

NELAP ACCREDITED TNI LABORATORY

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

David Chastain
General Manager

Client Service contact: Marie Meidhof 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Sections: 1 2 3 4 5 6 7

Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Case Narrative/Conformance Summary **4**
Section 3: Summary of Hits **5**
Section 4: Sample Results **6**
4.1: JD82650-1: TRIP BLANK 7
4.2: JD82650-2: MW-7 10
4.3: JD82650-3: MW-8 14
4.4: JD82650-4: MW-2 18
Section 5: Misc. Forms **22**
5.1: Chain of Custody 23
5.2: RCP Form 25
5.3: Sample Tracking Chronicle 26
5.4: QC Evaluation: CT RCP Limits 27
Section 6: MS Volatiles - QC Data Summaries **29**
6.1: Method Blank Summary 30
6.2: Blank Spike Summary 33
6.3: Internal Standard Area Summaries 36
6.4: Surrogate Recovery Summaries 37
Section 7: Metals Analysis - QC Data Summaries **38**
7.1: Prep QC MP44881: Pb 39

SGS North America Inc.

Sample Summary

Groundwater & Environmental Services

Job No: JD82650

Eversource, Berlin, CT
Project No: 1503724-53-876-1115

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD82650-1	02/15/24	12:55	JK	02/16/24	AQ	Trip Blank Water	TRIP BLANK
JD82650-2	02/15/24	10:00	JK	02/16/24	AQ	Ground Water	MW-7
JD82650-3	02/15/24	11:30	JK	02/16/24	AQ	Trip Blank Water	MW-8
JD82650-4	02/15/24	12:55	JK	02/16/24	AQ	Trip Blank Water	MW-2

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the RL

CASE NARRATIVE / CONFORMANCE SUMMARY

2

Client: Groundwater & Environmental Services **Job No:** JD82650

Site: Eversource, Berlin, CT **Report Date** 2/27/2024 12:19:02 P

On 02/16/2024, 1 sample(s), 3 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 1.2 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JD82650 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** VL11071

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- JD82650-4: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JD82650-3: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JD82650-2: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JD82650-1: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JD82650-4 for Dichlorodifluoromethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD82650-3 for Dichlorodifluoromethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD82650-2 for Dichlorodifluoromethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD82650-1 for Dichlorodifluoromethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

Metals Analysis By Method SW846 6010D

Matrix: AQ **Batch ID:** MP44881

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD82020-5SDL were used as the QC samples for the metals analysis.
- Only Lead reported per client requests.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Tuesday, February 27, 2024 **Page 1 of 1**

Summary of Hits

Job Number: JD82650
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 02/15/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD82650-1	**TRIP BLANK**					
No hits reported in this sample.						
JD82650-2	**MW-7**					
Benzene [a]		0.55	0.50		ug/l	SW846 8260D
Ethylbenzene [a]		2.1	1.0		ug/l	SW846 8260D
Toluene [a]		1.2	1.0		ug/l	SW846 8260D
m,p-Xylene [a]		2.3	1.0		ug/l	SW846 8260D
o-Xylene [a]		1.9	1.0		ug/l	SW846 8260D
JD82650-3	**MW-8**					
1,2,4-Trimethylbenzene [a]		2.0	2.0		ug/l	SW846 8260D
m,p-Xylene [a]		2.1	1.0		ug/l	SW846 8260D
JD82650-4	**MW-2**					
1,2,4-Trimethylbenzene [a]		2.3	2.0		ug/l	SW846 8260D
m,p-Xylene [a]		2.5	1.0		ug/l	SW846 8260D
Lead		3.6	3.0		ug/l	SW846 6010D

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD82650-1	**Date Sampled:**	02/15/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/16/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	L362762.D	1	02/19/24 17:20	NW	n/a	n/a	VL11071
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane [b]	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD82650-1	**Date Sampled:**	02/15/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/16/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		80-120%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD82650-1	**Date Sampled:**	02/15/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/16/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	96%		80-120%
2037-26-5	Toluene-D8	105%		80-120%
460-00-4	4-Bromofluorobenzene	91%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-7		
Lab Sample ID:	JD82650-2	**Date Sampled:**	02/15/24
Matrix:	AQ - Ground Water	**Date Received:**	02/16/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	L362770.D	1	02/19/24 20:23	NW	n/a	n/a	VL11071
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	0.55	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane [b]	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-7		
Lab Sample ID:	JD82650-2	**Date Sampled:**	02/15/24
Matrix:	AQ - Ground Water	**Date Received:**	02/16/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	2.1	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	1.2	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	2.3	1.0	ug/l	
95-47-6	o-Xylene	1.9	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		80-120%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-7		
Lab Sample ID:	JD82650-2	**Date Sampled:**	02/15/24
Matrix:	AQ - Ground Water	**Date Received:**	02/16/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%		80-120%
2037-26-5	Toluene-D8	103%		80-120%
460-00-4	4-Bromofluorobenzene	88%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-7		
Lab Sample ID:	JD82650-2	**Date Sampled:**	02/15/24
Matrix:	AQ - Ground Water	**Date Received:**	02/16/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	02/20/24	02/21/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA55592
(2) Prep QC Batch: MP44881

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	JD82650-3	**Date Sampled:**	02/15/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/16/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	L362763.D	1	02/19/24 17:43	NW	n/a	n/a	VL11071
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane [b]	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	JD82650-3	**Date Sampled:**	02/15/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/16/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	2.0	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	2.1	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		80-120%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	JD82650-3	**Date Sampled:**	02/15/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/16/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		80-120%
2037-26-5	Toluene-D8	104%		80-120%
460-00-4	4-Bromofluorobenzene	89%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	JD82650-3	**Date Sampled:**	02/15/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/16/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	02/20/24	02/21/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA55592
(2) Prep QC Batch: MP44881

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JD82650-4	**Date Sampled:**	02/15/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/16/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	L362764.D	1	02/19/24 18:06	NW	n/a	n/a	VL11071
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane [b]	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JD82650-4	**Date Sampled:**	02/15/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/16/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	2.3	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	2.5	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-120%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JD82650-4	**Date Sampled:**	02/15/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/16/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	96%		80-120%
2037-26-5	Toluene-D8	103%		80-120%
460-00-4	4-Bromofluorobenzene	91%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JD82650-4	**Date Sampled:**	02/15/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/16/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	3.6	3.0	ug/l	1	02/20/24	02/21/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA55592
(2) Prep QC Batch: MP44881

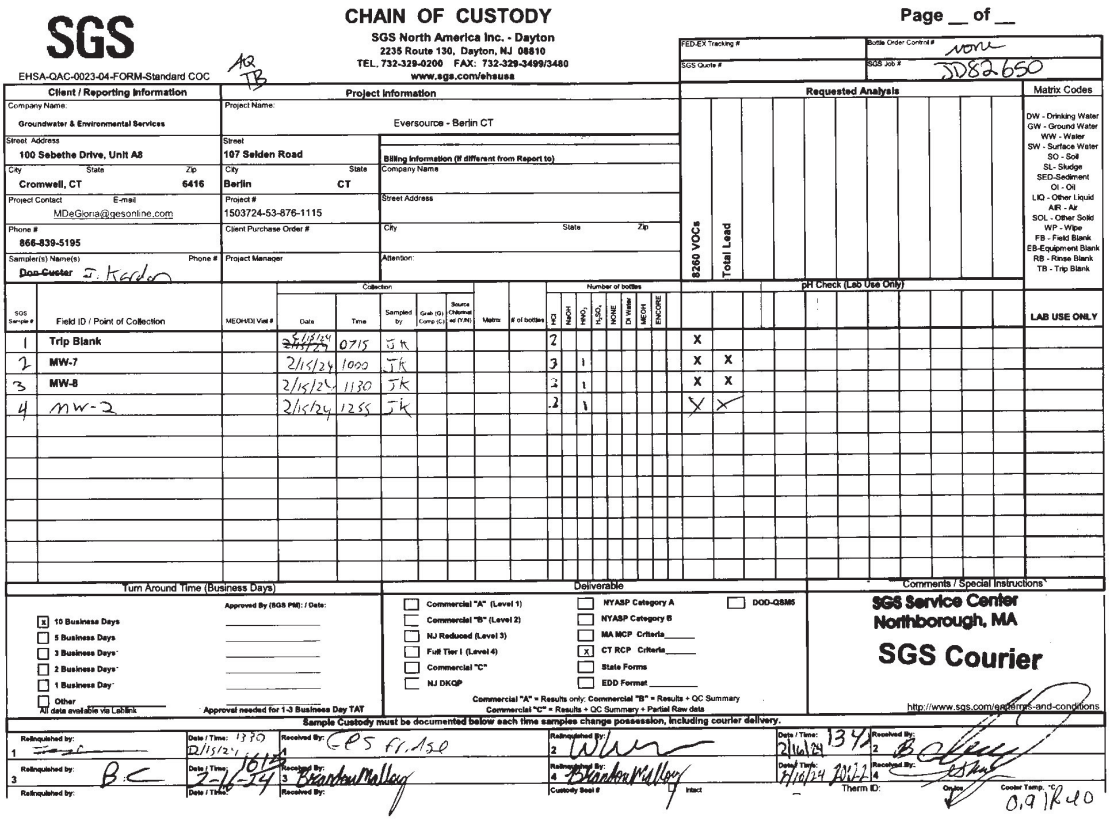
RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- RCP Form
- Sample Tracking Chronicle
- QC Evaluation: CT RCP Limits



SGS

EHSA-QAC-0023-04-FORM-Standard COC

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

Page __ of __

AR TB

FED-EX Tracking #: | Bottle Order Control #: none
SGS Quote #: | SGS Job #: JD82650

Client / Reporting Information

Company Name: Groundwater & Environmental Services
Street Address: 100 Sebethe Drive, Unit A8
City: Cromwell, CT State: Zip: 6416
Project Contact: E-mail: MDeGioia@gesonline.com
Phone #: 866-839-5195
Sampler(s) Name(s): ~~Don Custer~~ J. Kerdon Phone #:

Project Information

Project Name: Eversource - Berlin CT
Street: 107 Selden Road
City: Berlin State: CT
Project #: 1503724-53-876-1115
Client Purchase Order #:
Project Manager:

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis

8260 VOCs
Total Lead

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) / Comp (C)	Source (Channel ref (Y/N))	Matrix	# of bottles	Number of bottles HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)		LAB USE ONLY
1	Trip Blank		~~2/13/24~~ 2/15/24	0715	JK					2								X		
2	MW-7		2/15/24	1000	JK					3	1							X	X	
3	MW-8		2/15/24	1130	JK					3	1							X	X	
4	MW-2		2/15/24	1255	JK					3	1							X	X	

Turn Around Time (Business Days)

Approved By (SGS PM): / Date:

- [x] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other

All data available via Labilink

Approval needed for 1-3 Business Day TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] MA MCP Criteria____
- [x] CT RCP Criteria____
- [ ] State Forms
- [ ] EDD Format _____
- [ ] DOD-QSM5

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

SGS Service Center
Northborough, MA

SGS Courier

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		2/15/24 1330	CDS FEDEX			
2					2/16/24 1341	
3		2-16-24 1615				
4					2/16/24 2012	

Custody Seal # Intact

Therm ID: Cooler Temp. °C: 0.9 | R40

SGS Sample Receipt Summary

Job Number: JD82650 **Client:** GES **Project:** EVERSOURCE-BERLIN CT

Date / Time Received: 2/16/2024 8:22:00 PM **Delivery Method:** SGS COURIER **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (0.9);

Cooler Temps (Corrected) °C: Cooler 1: (1.2);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-40		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	☐
2. Trip Blank listed on COC:	☑		☐	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

5.1 5

JD82650: Chain of Custody
Page 2 of 2

Reasonable Confidence Protocol
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: SGS North America Inc. **Client:** Groundwater & Environmental Services

Project Location: Eversource, Berlin, CT **Project Number:**

Sampling Date(s): 2/15/2024

Laboratory Sample ID(s): JD82650-1, JD82650-2, JD82650-3, JD82650-4

Methods: SW846 6010D, SW846 8260D

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	Where all the method specified preservation and holding time requirements met?	Yes ☑ No ☐
1B	VPH and EPH mehods only: Was the VPH or EPH method conducted without significant modifications (See section 11.3 of respective methods)	Yes ☐ No ☐ NA ☑
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes ☑ No ☐
3	Were samples received at an appropriate temperature (<6° C)?	Yes ☑ No ☐
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	Yes ☑ No ☐
5	a) Were reporting limits specified or referenced on the chain-of-custody?	Yes ☑ No ☐
	b) 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 ☑

Note: 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".

I, the undersigned, attest under 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: Position: General Manager

Printed Name: David Chastain Date: 2/27/2024

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD82650

Eversource, Berlin, CT
Project No: 1503724-53-876-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD82650-1	Collected: 15-FEB-24 12:55 By: JK		Received: 16-FEB-24 By: EN			
TRIP BLANK						
JD82650-1	SW846 8260D	19-FEB-24 17:20	NW			V8260RCP
JD82650-2	Collected: 15-FEB-24 10:00 By: JK		Received: 16-FEB-24 By: EN			
MW-7						
JD82650-2	SW846 8260D	19-FEB-24 20:23	NW			V8260RCP
JD82650-2	SW846 6010D	21-FEB-24 17:20	MM	20-FEB-24	RE	PB
JD82650-3	Collected: 15-FEB-24 11:30 By: JK		Received: 16-FEB-24 By: EN			
MW-8						
JD82650-3	SW846 8260D	19-FEB-24 17:43	NW			V8260RCP
JD82650-3	SW846 6010D	21-FEB-24 17:25	MM	20-FEB-24	RE	PB
JD82650-4	Collected: 15-FEB-24 12:55 By: JK		Received: 16-FEB-24 By: EN			
MW-2						
JD82650-4	SW846 8260D	19-FEB-24 18:06	NW			V8260RCP
JD82650-4	SW846 6010D	21-FEB-24 17:31	MM	20-FEB-24	RE	PB

QC Evaluation: CT RCP Limits

Job Number: JD82650
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 02/15/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VL11071	SW846 8260D						
VL11071-BS	67-64-1	Acetone	BSP	REC	113	%	70-130
VL11071-BS	107-13-1	Acrylonitrile	BSP	REC	101	%	70-130
VL11071-BS	71-43-2	Benzene	BSP	REC	101	%	70-130
VL11071-BS	108-86-1	Bromobenzene	BSP	REC	112	%	70-130
VL11071-BS	75-27-4	Bromodichloromethane	BSP	REC	94	%	70-130
VL11071-BS	75-25-2	Bromoform	BSP	REC	115	%	70-130
VL11071-BS	74-83-9	Bromomethane	BSP	REC	105	%	70-130
VL11071-BS	78-93-3	2-Butanone (MEK)	BSP	REC	107	%	70-130
VL11071-BS	104-51-8	n-Butylbenzene	BSP	REC	112	%	70-130
VL11071-BS	135-98-8	sec-Butylbenzene	BSP	REC	106	%	70-130
VL11071-BS	98-06-6	tert-Butylbenzene	BSP	REC	110	%	70-130
VL11071-BS	75-15-0	Carbon disulfide	BSP	REC	94	%	70-130
VL11071-BS	56-23-5	Carbon tetrachloride	BSP	REC	94	%	70-130
VL11071-BS	108-90-7	Chlorobenzene	BSP	REC	108	%	70-130
VL11071-BS	75-00-3	Chloroethane	BSP	REC	101	%	70-130
VL11071-BS	67-66-3	Chloroform	BSP	REC	80	%	70-130
VL11071-BS	74-87-3	Chloromethane	BSP	REC	95	%	70-130
VL11071-BS	95-49-8	o-Chlorotoluene	BSP	REC	111	%	70-130
VL11071-BS	106-43-4	p-Chlorotoluene	BSP	REC	106	%	70-130
VL11071-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	126	%	70-130
VL11071-BS	124-48-1	Dibromochloromethane	BSP	REC	107	%	70-130
VL11071-BS	106-93-4	1,2-Dibromoethane	BSP	REC	107	%	70-130
VL11071-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	108	%	70-130
VL11071-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	113	%	70-130
VL11071-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	112	%	70-130
VL11071-BS	110-57-6	trans-1,4-Dichloro-2-Butene	BSP	REC	104	%	70-130
VL11071-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	76	%	70-130
VL11071-BS	75-34-3	1,1-Dichloroethane	BSP	REC	92	%	70-130
VL11071-BS	107-06-2	1,2-Dichloroethane	BSP	REC	90	%	70-130
VL11071-BS	75-35-4	1,1-Dichloroethene	BSP	REC	99	%	70-130
VL11071-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	89	%	70-130
VL11071-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	97	%	70-130
VL11071-BS	78-87-5	1,2-Dichloropropane	BSP	REC	97	%	70-130
VL11071-BS	142-28-9	1,3-Dichloropropane	BSP	REC	101	%	70-130
VL11071-BS	594-20-7	2,2-Dichloropropane	BSP	REC	86	%	70-130
VL11071-BS	563-58-6	1,1-Dichloropropene	BSP	REC	94	%	70-130
VL11071-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	101	%	70-130
VL11071-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	107	%	70-130
VL11071-BS	100-41-4	Ethylbenzene	BSP	REC	98	%	70-130
VL11071-BS	76-13-1	Freon 113	BSP	REC	95	%	70-130
VL11071-BS	87-68-3	Hexachlorobutadiene	BSP	REC	113	%	70-130
VL11071-BS	591-78-6	2-Hexanone	BSP	REC	105	%	70-130

* Sample used for QC is not from job JD82650

QC Evaluation: CT RCP Limits

Job Number: JD82650
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 02/15/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VL11071-BS	98-82-8	Isopropylbenzene	BSP	REC	100	%	70-130
VL11071-BS	99-87-6	p-Isopropyltoluene	BSP	REC	106	%	70-130
VL11071-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	95	%	70-130
VL11071-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	103	%	70-130
VL11071-BS	74-95-3	Methylene bromide	BSP	REC	97	%	70-130
VL11071-BS	75-09-2	Methylene chloride	BSP	REC	89	%	70-130
VL11071-BS	91-20-3	Naphthalene	BSP	REC	117	%	70-130
VL11071-BS	103-65-1	n-Propylbenzene	BSP	REC	104	%	70-130
VL11071-BS	100-42-5	Styrene	BSP	REC	101	%	70-130
VL11071-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	107	%	70-130
VL11071-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	114	%	70-130
VL11071-BS	127-18-4	Tetrachloroethene	BSP	REC	110	%	70-130
VL11071-BS	109-99-9	Tetrahydrofuran	BSP	REC	92	%	70-130
VL11071-BS	108-88-3	Toluene	BSP	REC	107	%	70-130
VL11071-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	118	%	70-130
VL11071-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	123	%	70-130
VL11071-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	92	%	70-130
VL11071-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	103	%	70-130
VL11071-BS	79-01-6	Trichloroethene	BSP	REC	102	%	70-130
VL11071-BS	75-69-4	Trichlorofluoromethane	BSP	REC	90	%	70-130
VL11071-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	109	%	70-130
VL11071-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	105	%	70-130
VL11071-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	104	%	70-130
VL11071-BS	75-01-4	Vinyl chloride	BSP	REC	99	%	70-130
VL11071-BS		m,p-Xylene	BSP	REC	101	%	70-130
VL11071-BS	95-47-6	o-Xylene	BSP	REC	104	%	70-130
VL11071-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	92	%	70-130
VL11071-BS	2037-26-5	Toluene-D8	BSP	SURR	99	%	70-130
VL11071-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	92	%	70-130
VL11071-MB	1868-53-7	Dibromofluoromethane	MB	SURR	96	%	70-130
VL11071-MB	2037-26-5	Toluene-D8	MB	SURR	103	%	70-130
VL11071-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	87	%	70-130
JD82650-1	1868-53-7	Dibromofluoromethane	SAMP	SURR	94	%	70-130
JD82650-1	2037-26-5	Toluene-D8	SAMP	SURR	105	%	70-130
JD82650-1	460-00-4	4-Bromofluorobenzene	SAMP	SURR	91	%	70-130
JD82650-2	1868-53-7	Dibromofluoromethane	SAMP	SURR	95	%	70-130
JD82650-2	2037-26-5	Toluene-D8	SAMP	SURR	103	%	70-130
JD82650-2	460-00-4	4-Bromofluorobenzene	SAMP	SURR	88	%	70-130
JD82650-3	1868-53-7	Dibromofluoromethane	SAMP	SURR	96	%	70-130
JD82650-3	2037-26-5	Toluene-D8	SAMP	SURR	104	%	70-130
JD82650-3	460-00-4	4-Bromofluorobenzene	SAMP	SURR	89	%	70-130
JD82650-4	1868-53-7	Dibromofluoromethane	SAMP	SURR	98	%	70-130
JD82650-4	2037-26-5	Toluene-D8	SAMP	SURR	103	%	70-130
JD82650-4	460-00-4	4-Bromofluorobenzene	SAMP	SURR	91	%	70-130

* Sample used for QC is not from job JD82650

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JD82650
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL11071-MB	L362749.D	1	02/19/24	NW	n/a	n/a	VL11071

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD82650-1, JD82650-2, JD82650-3, JD82650-4

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	10	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	

Method Blank Summary

Job Number: JD82650
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL11071-MB	L362749.D	1	02/19/24	NW	n/a	n/a	VL11071

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD82650-1, JD82650-2, JD82650-3, JD82650-4

CAS No.	Compound	Result	RL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	

Method Blank Summary

Job Number: JD82650
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL11071-MB	L362749.D	1	02/19/24	NW	n/a	n/a	VL11071

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD82650-1, JD82650-2, JD82650-3, JD82650-4

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	96%	80-120%
17060-07-0	1,2-Dichloroethane-D4	98%	80-120%
2037-26-5	Toluene-D8	103%	80-120%
460-00-4	4-Bromofluorobenzene	87%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	1.30	5.3	ug/l	J
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: JD82650
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL11071-BS	L362747.D	1	02/19/24	NW	n/a	n/a	VL11071

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD82650-1, JD82650-2, JD82650-3, JD82650-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	225	113	27-175
107-13-1	Acrylonitrile	50	50.7	101	59-144
71-43-2	Benzene	50	50.5	101	80-115
108-86-1	Bromobenzene	50	56.0	112	79-119
75-27-4	Bromodichloromethane	50	47.1	94	82-119
75-25-2	Bromoform	50	57.7	115	77-135
74-83-9	Bromomethane	50	52.3	105	40-162
78-93-3	2-Butanone (MEK)	200	213	107	61-150
104-51-8	n-Butylbenzene	50	55.8	112	77-124
135-98-8	sec-Butylbenzene	50	52.8	106	75-121
98-06-6	tert-Butylbenzene	50	54.8	110	74-120
75-15-0	Carbon disulfide	50	46.8	94	64-130
56-23-5	Carbon tetrachloride	50	47.0	94	75-127
108-90-7	Chlorobenzene	50	54.2	108	80-115
75-00-3	Chloroethane	50	50.5	101	56-144
67-66-3	Chloroform	50	40.1	80	75-116
74-87-3	Chloromethane	50	47.7	95	41-153
95-49-8	o-Chlorotoluene	50	55.4	111	79-119
106-43-4	p-Chlorotoluene	50	53.0	106	77-117
96-12-8	1,2-Dibromo-3-chloropropane	50	63.2	126	69-134
124-48-1	Dibromochloromethane	50	53.3	107	81-123
106-93-4	1,2-Dibromoethane	50	53.7	107	67-138
95-50-1	1,2-Dichlorobenzene	50	54.1	108	81-117
541-73-1	1,3-Dichlorobenzene	50	56.6	113	81-115
106-46-7	1,4-Dichlorobenzene	50	56.1	112	80-114
110-57-6	trans-1,4-Dichloro-2-Butene	50	52.0	104	41-152
75-71-8	Dichlorodifluoromethane	50	37.8	76	43-152
75-34-3	1,1-Dichloroethane	50	46.1	92	75-125
107-06-2	1,2-Dichloroethane	50	45.0	90	73-117
75-35-4	1,1-Dichloroethene	50	49.3	99	70-124
156-59-2	cis-1,2-Dichloroethene	50	44.5	89	80-120
156-60-5	trans-1,2-Dichloroethene	50	48.3	97	77-121
78-87-5	1,2-Dichloropropane	50	48.3	97	79-121
142-28-9	1,3-Dichloropropane	50	50.7	101	81-117
594-20-7	2,2-Dichloropropane	50	42.8	86	70-131
563-58-6	1,1-Dichloropropene	50	46.9	94	77-122

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD82650
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL11071-BS	L362747.D	1	02/19/24	NW	n/a	n/a	VL11071

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD82650-1, JD82650-2, JD82650-3, JD82650-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-01-5	cis-1,3-Dichloropropene	50	50.7	101	83-123
10061-02-6	trans-1,3-Dichloropropene	50	53.4	107	83-122
100-41-4	Ethylbenzene	50	49.2	98	78-116
76-13-1	Freon 113	50	47.5	95	68-134
87-68-3	Hexachlorobutadiene	50	56.3	113	55-136
591-78-6	2-Hexanone	200	210	105	66-136
98-82-8	Isopropylbenzene	50	50.1	100	78-121
99-87-6	p-Isopropyltoluene	50	52.9	106	78-121
1634-04-4	Methyl Tert Butyl Ether	50	47.4	95	76-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	205	103	73-134
74-95-3	Methylene bromide	50	48.7	97	82-117
75-09-2	Methylene chloride	50	44.6	89	73-123
91-20-3	Naphthalene	50	58.7	117	64-136
103-65-1	n-Propylbenzene	50	52.1	104	75-121
100-42-5	Styrene	50	50.4	101	81-125
630-20-6	1,1,1,2-Tetrachloroethane	50	53.3	107	81-124
79-34-5	1,1,2,2-Tetrachloroethane	50	57.0	114	73-126
127-18-4	Tetrachloroethene	50	54.9	110	73-119
109-99-9	Tetrahydrofuran	50	45.8	92	63-133
108-88-3	Toluene	50	53.4	107	79-116
87-61-6	1,2,3-Trichlorobenzene	50	59.1	118	63-137
120-82-1	1,2,4-Trichlorobenzene	50	61.3	123	68-135
71-55-6	1,1,1-Trichloroethane	50	45.9	92	76-124
79-00-5	1,1,2-Trichloroethane	50	51.6	103	83-117
79-01-6	Trichloroethene	50	51.1	102	80-118
75-69-4	Trichlorofluoromethane	50	44.8	90	67-134
96-18-4	1,2,3-Trichloropropane	50	54.3	109	75-123
95-63-6	1,2,4-Trimethylbenzene	50	52.3	105	78-120
108-67-8	1,3,5-Trimethylbenzene	50	51.9	104	77-120
75-01-4	Vinyl chloride	50	49.5	99	52-146
	m,p-Xylene	100	101	101	79-119
95-47-6	o-Xylene	50	52.0	104	81-119

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD82650
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL11071-BS	L362747.D	1	02/19/24	NW	n/a	n/a	VL11071

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD82650-1, JD82650-2, JD82650-3, JD82650-4

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	92%	80-120%
17060-07-0	1,2-Dichloroethane-D4	91%	80-120%
2037-26-5	Toluene-D8	99%	80-120%
460-00-4	4-Bromofluorobenzene	92%	82-114%

* = Outside of Control Limits.

Internal Standard Area Summary

Job Number: JD82650
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	VL11071-CC11043	**Injection Date:**	02/19/24
Lab File ID:	L362745.D	**Injection Time:**	10:36
Instrument ID:	GCMSL	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	119211	2.81	244927	4.00	435532	4.56	367010	6.92	142906	9.10
Upper Limit [a]	238422	3.31	489854	4.50	871064	5.06	734020	7.42	285812	9.60
Lower Limit [b]	59606	2.31	122464	3.50	217766	4.06	183505	6.42	71453	8.60
Lab Sample ID	**IS 1 AREA**	**RT**	**IS 2 AREA**	**RT**	**IS 3 AREA**	**RT**	**IS 4 AREA**	**RT**	**IS 5 AREA**	**RT**
VL11071-BS	127980	2.82	237321	4.00	431716	4.56	361598	6.92	138927	9.10
VL11071-MB	142053	2.82	271128	4.01	468125	4.56	392400	6.92	166732	9.10
ZZZZZZ	138953	2.82	254945	4.01	453793	4.56	386283	6.93	160044	9.11
ZZZZZZ	127627	2.82	258105	4.01	450543	4.56	380202	6.93	156825	9.11
ZZZZZZ	113858	2.82	239454	4.01	423063	4.56	358545	6.93	149756	9.10
ZZZZZZ	142668	2.82	250278	4.01	426717	4.56	354252	6.93	145561	9.10
ZZZZZZ	128461	2.82	243523	4.01	425226	4.56	358596	6.93	150529	9.11
ZZZZZZ	124287	2.82	248198	4.01	420999	4.56	356049	6.93	148203	9.10
JD82610-31	126133	2.82	246845	4.01	437518	4.56	365317	6.93	149639	9.10
ZZZZZZ	143339	2.82	245715	4.01	436123	4.56	371708	6.93	154163	9.10
JD82610-31MS	135583	2.82	224736	4.01	413256	4.56	355480	6.93	135494	9.11
JD82610-31MSD	150246	2.82	224064	4.01	422775	4.56	359697	6.93	137586	9.10
JD82650-1 [c]	144778	2.82	251994	4.01	431186	4.56	363285	6.93	149116	9.10
JD82650-3 [c]	157136	2.82	248934	4.01	433159	4.56	361683	6.92	151715	9.10
JD82650-4 [c]	126764	2.82	239675	4.00	426778	4.56	360027	6.92	147405	9.10
ZZZZZZ	122408	2.82	248119	4.01	427151	4.56	352756	6.92	145800	9.10
ZZZZZZ	140092	2.82	241072	4.01	423908	4.56	354637	6.92	150590	9.10
ZZZZZZ	179913	2.82	243443	4.01	431283	4.56	359666	6.92	152018	9.11
ZZZZZZ	130768	2.82	244195	4.00	434405	4.55	352367	6.92	144448	9.10
ZZZZZZ	146472	2.82	242374	4.00	426360	4.56	351603	6.92	147488	9.10
JD82650-2 [c]	173418	2.82	238147	4.01	416218	4.56	352633	6.92	147272	9.10
ZZZZZZ	143857	2.82	233868	4.01	412215	4.56	361719	6.92	155238	9.10
ZZZZZZ	141862	2.82	239675	4.01	421994	4.56	351272	6.93	147758	9.10

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.

Surrogate Recovery Summary

Job Number: JD82650
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Method: SW846 8260D **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JD82650-1	L362762.D	94	96	105	91
JD82650-2	L362770.D	95	101	103	88
JD82650-3	L362763.D	96	98	104	89
JD82650-4	L362764.D	98	96	103	91
VL11071-BS	L362747.D	92	91	99	92
VL11071-MB	L362749.D	96	98	103	87

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-120%
S2 = 1,2-Dichloroethane-D4	80-120%
S3 = Toluene-D8	80-120%
S4 = 4-Bromofluorobenzene	82-114%

Metals Analysis

QC Data Summaries

7

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD82650
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP44881
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 02/20/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	9.2	150		
Antimony	6.0	2.8	4.7		
Arsenic	3.0	2.6	2.8		
Barium	200	.2	13		
Beryllium	1.0	.2	.5		
Bismuth	20	2.5	8.6		
Boron	100	1.8	10		
Cadmium	3.0	.4	1		
Calcium	5000	13	99		
Cerium	100				
Chromium	10	.7	2		
Cobalt	50	.6	2.6		
Copper	10	.7	5.9		
Iron	100	3.3	32		
Lead	3.0	2	1.8	0.60	<3.0
Lithium	50	1.5	7.3		
Magnesium	5000	25	140		
Manganese	15	.1	1.4		
Molybdenum	20	.6	3.6		
Nickel	10	.8	1.7		
Phosphorus	50	7	18		
Potassium	10000	35	200		
Selenium	10	3.6	4.9		
Silicon	200	2.2	32		
Silver	10	.6	6.1		
Sodium	10000	14	570		
Strontium	10	.1	2.7		
Sulfur	50	3.7	45		
Thallium	10	5.2	1.8		
Tin	10	1.4	3.7		
Titanium	10	.8	2.5		
Tungsten	50	1.3	40		
Vanadium	50	.5	1.8		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD82650
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP44881
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 02/20/24

Metal	RL	IDL	MDL	MB raw	final
Zinc	20	.3	6.9		
Zirconium	10	.5	4.1		

Associated samples MP44881: JD82650-2, JD82650-3, JD82650-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD82650
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP44881
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 02/20/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Bismuth				
Boron				
Cadmium				
Calcium				
Cerium				
Chromium				
Cobalt				
Copper				
Iron	anr			
Lead	2060	2000	103.0	80-120
Lithium				
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	anr			
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD82650
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP44881
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 02/20/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zinc				
Zirconium				

Associated samples MP44881: JD82650-2, JD82650-3, JD82650-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD82650
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP44881
Matrix Type: AQUEOUS
Methods: SW846 6010D
Units: ug/l

Prep Date: 02/20/24

Metal	JD82020-5 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Bismuth				
Boron				
Cadmium				
Calcium				
Cerium				
Chromium				
Cobalt				
Copper				
Iron	anr			
Lead	95.2	94.7	0.5	0-10
Lithium				
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD82650
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP44881
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 02/20/24

Metal	JD82020-5 Original	SDL 1:5	%DIF	QC Limits
Zinc				
Zirconium				

Associated samples MP44881: JD82650-2, JD82650-3, JD82650-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SGS

Dayton, NJ

06/28/24

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Groundwater & Environmental Services

Eversource, Berlin, CT

1503724-53-880-1115

SGS Job Number: JD88921R

Sampling Dates: 05/20/24 - 05/21/24



Report to:

Groundwater & Environmental Services
100 Sebethe Drive, Unit A-8
Cromwell, CT 06416
NERegion@GESOnline.com; MDeGloria@gesonline.com;
wcontrada@GESonline.com
ATTN: Michael DeGloria

Total number of pages in report: 24

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

David Chastain
General Manager

Client Service contact: Marie Meidhof 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Test results relate only to samples analyzed.

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Please share your ideas about
how we can serve you better at:
EHS.US.CustomerCare@sgs.com

Sections: 1 2 3 4 5 6

Table of Contents

-1-

Section 1: Sample Summary 3
Section 2: Case Narrative/Conformance Summary 4
Section 3: Summary of Hits 5
Section 4: Sample Results 6
4.1: JD88921-3R: MW-3A 7
4.2: JD88921-4R: MW-4A 8
4.3: JD88921-5R: MW-6A 9
4.4: JD88921-8R: MW-9 10
4.5: JD88921-9R: MW-14A 11
4.6: JD88921-10R: MW-15 12
4.7: JD88921-13R: DUPLICATE 13
Section 5: Misc. Forms 14
5.1: Chain of Custody 15
5.2: RCP Form 18
5.3: Sample Tracking Chronicle 19
5.4: QC Evaluation: CT RCP Limits 20
Section 6: Metals Analysis - QC Data Summaries 21
6.1: Prep QC MP47228: Pb 22

SGS North America Inc.

Sample Summary

Groundwater & Environmental Services

Job No: JD88921R

Eversource, Berlin, CT
Project No: 1503724-53-880-1115

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JD88921-3R	05/20/24	09:45	DC	05/21/24	AQ	Ground Water	MW-3A
JD88921-4R	05/20/24	08:15	DC	05/21/24	AQ	Ground Water	MW-4A
JD88921-5R	05/20/24	12:25	DC	05/21/24	AQ	Ground Water	MW-6A
JD88921-8R	05/21/24	07:05	DC	05/21/24	AQ	Ground Water	MW-9
JD88921-9R	05/21/24	08:05	DC	05/21/24	AQ	Ground Water	MW-14A
JD88921-10R	05/21/24	09:10	DC	05/21/24	AQ	Ground Water	MW-15
JD88921-13R	05/20/24	00:00	DC	05/21/24	AQ	Ground Water	DUPLICATE

CASE NARRATIVE / CONFORMANCE SUMMARY

2

Client: Groundwater & Environmental Services **Job No:** JD88921R

Site: Eversource, Berlin, CT **Report Date** 6/14/2024 3:49:17 PM

On 05/21/2024, 7 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 2.5 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JD88921R was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Metals Analysis By Method SW846 6020B

Matrix: AQ **Batch ID:** MP47228

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD90104-7FSDL were used as the QC samples for the metals analysis.
- The serial dilution RPD(s) for Lead are outside control limits for sample MP47228-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- Only Lead reported per client.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JD88921R
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 05/20/24 thru 05/21/24

3

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD88921-3R	**MW-3A**					
No hits reported in this sample.						
JD88921-4R	**MW-4A**					
No hits reported in this sample.						
JD88921-5R	**MW-6A**					
Lead		50.3	5.0		ug/l	SW846 6020B
JD88921-8R	**MW-9**					
No hits reported in this sample.						
JD88921-9R	**MW-14A**					
No hits reported in this sample.						
JD88921-10R	**MW-15**					
No hits reported in this sample.						
JD88921-13R	**DUPLICATE**					
No hits reported in this sample.						

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-3A		
Lab Sample ID:	JD88921-3R	**Date Sampled:**	05/20/24
Matrix:	AQ - Ground Water	**Date Received:**	05/21/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 5.0	5.0	ug/l	10	06/12/24	06/13/24	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56287
(2) Prep QC Batch: MP47228

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-4A		
Lab Sample ID:	JD88921-4R	**Date Sampled:**	05/20/24
Matrix:	AQ - Ground Water	**Date Received:**	05/21/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 5.0	5.0	ug/l	10	06/12/24	06/13/24	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56287
(2) Prep QC Batch: MP47228

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-6A		
Lab Sample ID:	JD88921-5R	**Date Sampled:**	05/20/24
Matrix:	AQ - Ground Water	**Date Received:**	05/21/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	50.3	5.0	ug/l	10	06/12/24	06/13/24	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56287
(2) Prep QC Batch: MP47228

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-9		
Lab Sample ID:	JD88921-8R	**Date Sampled:**	05/21/24
Matrix:	AQ - Ground Water	**Date Received:**	05/21/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 5.0	5.0	ug/l	10	06/12/24	06/13/24	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56287
(2) Prep QC Batch: MP47228

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-14A		
Lab Sample ID:	JD88921-9R	**Date Sampled:**	05/21/24
Matrix:	AQ - Ground Water	**Date Received:**	05/21/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 5.0	5.0	ug/l	10	06/12/24	06/13/24	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56287
(2) Prep QC Batch: MP47228

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-15		
Lab Sample ID:	JD88921-10R	**Date Sampled:**	05/21/24
Matrix:	AQ - Ground Water	**Date Received:**	05/21/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 5.0	5.0	ug/l	10	06/12/24	06/13/24	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56287
(2) Prep QC Batch: MP47228

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	DUPLICATE		
Lab Sample ID:	JD88921-13R	**Date Sampled:**	05/20/24
Matrix:	AQ - Ground Water	**Date Received:**	05/21/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 5.0	5.0	ug/l	10	06/12/24	06/13/24	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56287
(2) Prep QC Batch: MP47228

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- RCP Form
- Sample Tracking Chronicle
- QC Evaluation: CT RCP Limits

GW
TB
FB

JD88921

SGS

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

TF-05724-112 Page 1 of 1

EHSA-QAC-0023-04-FORM-Standard COC

FED-EX Tracking # | Bottle Order Control #
SGS Quote # | SGS Job #

Client / Reporting Information
Company Name: Groundwater & Environmental Services
Street Address: 100 Sebethe Drive, Unit A8
City: Cromwell, CT State: Zip: 6416
Project Contact: Michael DeGloria E-mail: MDeGloria@gesonline.com
Phone #: 866-839-5195
Sampler(s) Name(s): Don Custer, [redacted] Phone #:

Project Information
Project Name: Eversource - Berlin CT
Street: 107 Selden Street
City: Berlin State: CT
Project #: 1503724-53-880-1115
Client Purchase Order #:
Project Manager: Michael DeGloria

Billing Information (If different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB-Equipment Blank; RB - Rinse Blank; TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	Number of bottles: HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	8260 VOCs(low level)	Total Lead	pH Check (Lab Use Only)	LAB USE ONLY
1	Trip Blank		5.8.24	LAB	LAB				2	2								X			A35
2	MW-2A		5.20.24	0960	DC			GW	4	3		1						X	X		V348
3	MW-3A			0945														X	X		
4	MW-4A			0845														X	X		
5	MW-6A			1225														X	X		
6	MW-7		5.21.24	0955														X	X		
7	MW-8			1105														X	X		
8	MW-9			0705														X	X		
9	MW-14A			0805														X	X		
10	MW-15			0910														X	X		
11	MW-16A		5.20.24	1125														X	X		
12	Field blank		5.20.24	1240				DI	3	3								X			
13	Duplicate		—	—				GW	4	3		1						X	X		

Initial Assessment: 3/24
Label Verification:

Turn Around Time (Business Days)
Approved By (SGS PM): / Date:
- [x] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other
*If data available via Labfax
Approval needed for 1-3 Business Day TAT

Deliverable
- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] MA MCP Criteria_____
- [x] CT RCP Criteria____GA__
- [ ] State Forms
- [ ] EDD Format _____
- [ ] DOD-QSM5

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions
GA site, please report units to match RSR units
Reporting limits must be equal to or less than RSR GA and Residential criteria
http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished By:	Date / Time:	Received By:
1		5/24/24 1230	GES FRIDGE
2		5/24/24 1330	
3		5/21/24 1625	
4			
5		5/21/24 2151	

Custody Seal # | Intact | Not Intact | Absent
Therm ID: | See Sample Receipt Summary | On Ice | Cooler Temp. °C: 2.1

IR50

SGS Courier 5-22-24
SGS Service Center Northborough, MA

5.1 5

JD88921R: Chain of Custody
Page 1 of 3

SGS Sample Receipt Summary

Job Number: JD88921 **Client:** GROUNDWATER & ENVIRONMENTAL S **Project:** EVERSOURCE, BERLIN, CT

Date / Time Received: 5/21/2024 9:59:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.1);

Cooler Temps (Corrected) °C: Cooler 1: (2.5);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-50		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	☐
2. Trip Blank listed on COC:	☑		☐	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

5.1 5

JD88921R: Chain of Custody
Page 2 of 3

Job Change Order: JD88921

Requested Date: 6/11/2024 **Received Date:** 5/21/2024
Account Name: Groundwater & Environmental Ser **Due Date:** 6/18/2024
Project Description: Eversource, Berlin, CT **Deliverable:** CTRCP
C/O Initiated By: MARIE_MEI **PM:** MM **TAT (Days):** 7

Sample #: JD88921-3 to 5, 8 to 10, 13 **Dept:**
Client ID: **TAT:** 7
Change: Activated for PBMS, MET-SW846.

Above Changes Per: M. DeGloria **Date/Time:** 6/11/2024

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

Page 1 of 1

5.1 5

JD88921R: Chain of Custody
Page 3 of 3

Reasonable Confidence Protocol
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: SGS North America Inc. **Client:** Groundwater & Environmental Services

Project Location: Eversource, Berlin, CT **Project Number:**

Sampling Date(s): 5/20/2024

Laboratory Sample ID(s): JD88921-3R, JD88921-4R, JD88921-5R, JD88921-8R, JD88921-9R, JD88921-10R, JD88921-13R

Methods: SW846 6020B

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	Where all the method specified preservation and holding time requirements met?	Yes ☑ No ☐
1B	VPH and EPH mehods only: Was the VPH or EPH method conducted without significant modifications (See section 11.3 of respective methods)	Yes ☐ No ☐ NA ☑
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes ☑ No ☐
3	Were samples received at an appropriate temperature (<6° C)?	Yes ☑ No ☐
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	Yes ☑ No ☐
5	a) Were reporting limits specified or referenced on the chain-of-custody?	Yes ☑ No ☐
	b) 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 ☑

Note: 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".

I, the undersigned, attest under 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:  Position: General Manager

Printed Name: David Chastain Date: 6/14/2024

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD88921R

Eversource, Berlin, CT
Project No: 1503724-53-880-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD88921-3R	Collected: 20-MAY-24 09:45 By: DC			Received: 21-MAY-24	By: JK	
MW-3A						
JD88921-3R	SW846 6020B	13-JUN-24 16:55	NV	12-JUN-24	BP	PBMS
JD88921-4R	Collected: 20-MAY-24 08:15 By: DC			Received: 21-MAY-24	By: JK	
MW-4A						
JD88921-4R	SW846 6020B	13-JUN-24 16:58	NV	12-JUN-24	BP	PBMS
JD88921-5R	Collected: 20-MAY-24 12:25 By: DC			Received: 21-MAY-24	By: JK	
MW-6A						
JD88921-5R	SW846 6020B	13-JUN-24 17:02	NV	12-JUN-24	BP	PBMS
JD88921-8R	Collected: 21-MAY-24 07:05 By: DC			Received: 21-MAY-24	By: JK	
MW-9						
JD88921-8R	SW846 6020B	13-JUN-24 17:05	NV	12-JUN-24	BP	PBMS
JD88921-9R	Collected: 21-MAY-24 08:05 By: DC			Received: 21-MAY-24	By: JK	
MW-14A						
JD88921-9R	SW846 6020B	13-JUN-24 17:09	NV	12-JUN-24	BP	PBMS
JD88921-10R	Collected: 21-MAY-24 09:10 By: DC			Received: 21-MAY-24	By: JK	
MW-15						
JD88921-10R	SW846 6020B	13-JUN-24 17:13	NV	12-JUN-24	BP	PBMS
JD88921-13R	Collected: 20-MAY-24 00:00 By: DC			Received: 21-MAY-24	By: JK	
DUPLICATE						
JD88921-13R	SW846 6020B	13-JUN-24 17:16	NV	12-JUN-24	BP	PBMS

QC Evaluation: CT RCP Limits

Job Number: JD88921R
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 05/20/24 thru 05/21/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits

No CT RCP Limits found for methods in this job.

* Sample used for QC is not from job JD88921R

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD88921R
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP47228
Matrix Type: AQUEOUS

Methods: SW846 6020B
Units: ug/l

Prep Date: 06/12/24

Metal	RL	IDL	MDL	MB raw	final
Antimony	4.0	.17	1.7		
Arsenic	1.0	.05	.39		
Barium	2.0	.018	.73		
Beryllium	1.0	.01	.15		
Boron	50	1.7	14		
Cadmium	1.0	.02	.17		
Calcium	500	7.2	200		
Chromium	2.0	.036	.62		
Cobalt	1.0	.006	.17		
Copper	4.0	.048	1.9		
Lead	1.0	.016	.52	0.11	<1.0
Magnesium	500	.38	46		
Manganese	2.0	.024	.63		
Molybdenum	2.0	.034	.45		
Nickel	2.0	.034	.95		
Potassium	500	1.6	68		
Selenium	1.0	.088	.55		
Silver	1.0	.008	.16		
Strontium	10	.028	2.4		
Thallium	1.0	.004	.17		
Tin	10	.082	2.6		
Vanadium	2.0	.026	1.8		
Zinc	10	.16	5.4		

Associated samples MP47228: JD88921-3R, JD88921-4R, JD88921-5R, JD88921-8R, JD88921-9R, JD88921-10R, JD88921-13R

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD88921R
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP47228
Matrix Type: AQUEOUS

Methods: SW846 6020B
Units: ug/l

Prep Date: 06/12/24

Metal	BSP Result	Spikelot MP6020AQ3%	Rec	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	73.5	80	91.9	80-120
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP47228: JD88921-3R, JD88921-4R, JD88921-5R, JD88921-8R, JD88921-9R, JD88921-10R, JD88921-13R

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD88921R
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP47228
Matrix Type: AQUEOUS

Methods: SW846 6020B
Units: ug/l

Prep Date: 06/12/24

Metal	JD90104-7F Original	SDL 2:10	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium				
Beryllium				
Boron				
Cadmium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	0.292	0.200	31.5 (a)	0-10
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP47228: JD88921-3R, JD88921-4R, JD88921-5R, JD88921-8R, JD88921-9R, JD88921-10R, JD88921-13R

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

SGS

Dayton, NJ

11/08/24

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Groundwater & Environmental Services

Eversource, Berlin, CT

1503724-53-880-1115

SGS Job Number: JD99501

Sampling Dates: 10/29/24 - 10/30/24



Report to:

Groundwater & Environmental Services
100 Sebethe Drive, Unit A-8
Cromwell, CT 06416
NERegion@GESOnline.com; MDeGloria@gesonline.com;
wcontrada@GESonline.com
ATTN: Michael DeGloria

Total number of pages in report: **105**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

David Chastain
General Manager

Client Service contact: Marie Meidhof 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Sections: 1 2 3 4 5 6 7

Table of Contents

Section 1: Sample Summary 3
Section 2: Case Narrative/Conformance Summary 4
Section 3: Summary of Hits 7
Section 4: Sample Results 10
4.1: JD99501-1: TRIP BLANK 11
4.2: JD99501-2: MW-2 14
4.3: JD99501-3: MW-3A 18
4.4: JD99501-4: MW-4A 22
4.5: JD99501-5: MW-6B 26
4.6: JD99501-6: MW-8 30
4.7: JD99501-7: MW-5 34
4.8: JD99501-8: MW-13A 38
4.9: JD99501-9: MW-14B 42
4.10: JD99501-10: MW-1 46
4.11: JD99501-11: DUPLICATE-13A 50
Section 5: Misc. Forms 54
5.1: Chain of Custody 55
5.2: RCP Form 57
5.3: Sample Tracking Chronicle 58
5.4: QC Evaluation: CT RCP Limits 60
Section 6: MS Volatiles - QC Data Summaries 69
6.1: Method Blank Summary 70
6.2: Blank Spike Summary 82
6.3: Internal Standard Area Summaries 94
6.4: Surrogate Recovery Summaries 98
Section 7: Metals Analysis - QC Data Summaries 99
7.1: Prep QC MP50506: Pb 100

SGS North America Inc.

Sample Summary

Groundwater & Environmental Services

Job No: JD99501

Eversource, Berlin, CT
Project No: 1503724-53-880-1115

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the RL							
JD99501-1	10/30/24	13:10	JK	10/31/24	AQ	Trip Blank Water	TRIP BLANK
JD99501-2	10/29/24	10:25	JK	10/31/24	AQ	Ground Water	MW-2
JD99501-3	10/29/24	08:25	JK	10/31/24	AQ	Ground Water	MW-3A
JD99501-4	10/29/24	11:40	JK	10/31/24	AQ	Ground Water	MW-4A
JD99501-5	10/30/24	13:10	JK	10/31/24	AQ	Ground Water	MW-6B
JD99501-6	10/30/24	10:25	JK	10/31/24	AQ	Ground Water	MW-8
JD99501-7	10/29/24	12:55	JK	10/31/24	AQ	Ground Water	MW-5
JD99501-8	10/30/24	09:15	JK	10/31/24	AQ	Ground Water	MW-13A
JD99501-9	10/30/24	12:00	JK	10/31/24	AQ	Ground Water	MW-14B
JD99501-10	10/29/24	09:25	JK	10/31/24	AQ	Ground Water	MW-1
JD99501-11	10/30/24	09:15	JK	10/31/24	AQ	Ground Water	DUPLICATE-13A

CASE NARRATIVE / CONFORMANCE SUMMARY

2

Client: Groundwater & Environmental Services **Job No:** JD99501

Site: Eversource, Berlin, CT **Report Date** 11/8/2024 3:02:56 PM

On 10/31/2024, 10 sample(s), 1 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 2.6 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JD99501 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V1N407

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- JD99501-7: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JD99501-2: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JD99501-9: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JD99501-11: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JD99501-2 for Acetone: Response factor for this compound is below 0.05 in the continuing calibration.
- JD99501-2 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD99501-11 for Acetone: Response factor for this compound is below 0.05 in the continuing calibration.
- JD99501-7 for Acetone: Response factor for this compound is below 0.05 in the continuing calibration.
- JD99501-11 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD99501-9 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD99501-9 for Acetone: Response factor for this compound is below 0.05 in the continuing calibration.
- JD99501-7 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- Not All RLs meet RCP requirement.

Matrix: AQ **Batch ID:** V1N408

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- JD99501-6: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Dilution required due to high concentration of target compound.
- JD99501-6 for Acetone: Response factor for this compound is below 0.05 in the continuing calibration. This compound is outside the RCP limits in the associated BS biased high.
- JD99501-6 for 1,4-Dioxane: Associated CCV outside of control limits high, sample was ND.Response factor for this compound is below 0.05 in the initial calibrations.
- JD99501-6 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD99501-6 for Chloromethane: Associated CCV outside of control limits high, sample was ND.

2

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V1N408

- V1N408-BS for Acetone: Outside in house control limits, but meets RCP criteria.
- Not All RLs meet RCP requirement.

Matrix: AQ **Batch ID:** V2N407

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- JD99501-1: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JD99501-4: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JD99501-3: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JD99501-10: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JD99501-8: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JD99501-1 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD99501-3 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD99501-4 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD99501-8 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD99501-10 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- Not All RLs meet RCP requirement.

Matrix: AQ **Batch ID:** V2N408

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- JD99501-5: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Dilution required due to high concentration of target compound.
- JD99501-5 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD99501-5 for Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Response factor for this compound is below 0.05 in the continuing calibration.
- JD99501-5 for Chloromethane: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- V2N408-BS for 1,4-Dichlorobenzene: Outside of in house control limits, but within reasonable method recovery limits.
- V2N408-BS for 1,1,1,2-Tetrachloroethane: Outside in house control limits, but meets RCP criteria.
- V2N408-BS for trans-1,2-Dichloroethene: Outside in house control limits, but meets RCP criteria.
- V2N408-BS for Tetrachloroethene: Outside in house control limits.
- V2N408-BS for Trichloroethene: Outside in house control limits.
- Not All RLs meet RCP requirement.

Metals Analysis By Method SW846 6010D

Matrix: AQ **Batch ID:** MP50506

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD99359-9FSDL, JD99359-9SDL were used as the QC samples for the metals analysis.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JD99501
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 10/29/24 thru 10/30/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD99501-1	**TRIP BLANK**					
No hits reported in this sample.						
JD99501-2	**MW-2**					
No hits reported in this sample.						
JD99501-3	**MW-3A**					
No hits reported in this sample.						
JD99501-4	**MW-4A**					
No hits reported in this sample.						
JD99501-5	**MW-6B**					
Benzene [a]		4.1	2.5		ug/l	SW846 8260D
Ethylbenzene [a]		672	5.0		ug/l	SW846 8260D
Isopropylbenzene [a]		40.7	5.0		ug/l	SW846 8260D
Naphthalene [a]		148	25		ug/l	SW846 8260D
n-Propylbenzene [a]		90.8	10		ug/l	SW846 8260D
Toluene [a]		6.1	5.0		ug/l	SW846 8260D
1,2,4-Trimethylbenzene [a]		753	10		ug/l	SW846 8260D
1,3,5-Trimethylbenzene [a]		239	10		ug/l	SW846 8260D
m,p-Xylene [a]		1500	5.0		ug/l	SW846 8260D
o-Xylene [a]		35.1	5.0		ug/l	SW846 8260D
Lead		41.9	3.0		ug/l	SW846 6010D
JD99501-6	**MW-8**					
Benzene [a]		27.7	5.0		ug/l	SW846 8260D
Ethylbenzene [a]		500	10		ug/l	SW846 8260D
Isopropylbenzene [a]		17.7	10		ug/l	SW846 8260D
Naphthalene [a]		356	50		ug/l	SW846 8260D
n-Propylbenzene [a]		29.5	20		ug/l	SW846 8260D
Toluene [a]		374	10		ug/l	SW846 8260D
1,2,4-Trimethylbenzene [a]		1230	20		ug/l	SW846 8260D
1,3,5-Trimethylbenzene [a]		171	20		ug/l	SW846 8260D
m,p-Xylene [a]		3300	10		ug/l	SW846 8260D
o-Xylene [a]		1090	10		ug/l	SW846 8260D

Summary of Hits

Job Number: JD99501
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 10/29/24 thru 10/30/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD99501-7	**MW-5**					
Benzene [b]		11.7	0.50		ug/l	SW846 8260D
Ethylbenzene [b]		74.1	1.0		ug/l	SW846 8260D
Isopropylbenzene [b]		5.4	1.0		ug/l	SW846 8260D
Naphthalene [b]		10.9	5.0		ug/l	SW846 8260D
n-Propylbenzene [b]		8.7	2.0		ug/l	SW846 8260D
Toluene [b]		14.1	1.0		ug/l	SW846 8260D
1,2,4-Trimethylbenzene [b]		33.8	2.0		ug/l	SW846 8260D
1,3,5-Trimethylbenzene [b]		3.3	2.0		ug/l	SW846 8260D
m,p-Xylene [b]		36.6	1.0		ug/l	SW846 8260D
o-Xylene [b]		32.6	1.0		ug/l	SW846 8260D
JD99501-8	**MW-13A**					
n-Butylbenzene [b]		10.5	2.0		ug/l	SW846 8260D
sec-Butylbenzene [b]		8.0	2.0		ug/l	SW846 8260D
tert-Butylbenzene [b]		3.7	2.0		ug/l	SW846 8260D
1,1-Dichloroethane [b]		2.2	1.0		ug/l	SW846 8260D
1,1-Dichloroethene [b]		1.0	1.0		ug/l	SW846 8260D
Isopropylbenzene [b]		11.4	1.0		ug/l	SW846 8260D
p-Isopropyltoluene [b]		3.5	2.0		ug/l	SW846 8260D
n-Propylbenzene [b]		39.6	2.0		ug/l	SW846 8260D
1,2,4-Trimethylbenzene [b]		64.1	2.0		ug/l	SW846 8260D
1,3,5-Trimethylbenzene [b]		65.2	2.0		ug/l	SW846 8260D
JD99501-9	**MW-14B**					
1,2,4-Trimethylbenzene [b]		3.2	2.0		ug/l	SW846 8260D
Lead		3.0	3.0		ug/l	SW846 6010D
JD99501-10	**MW-1**					
Lead		3.7	3.0		ug/l	SW846 6010D
JD99501-11	**DUPLICATE-13A**					
n-Butylbenzene [b]		10.0	2.0		ug/l	SW846 8260D
sec-Butylbenzene [b]		7.6	2.0		ug/l	SW846 8260D
tert-Butylbenzene [b]		3.5	2.0		ug/l	SW846 8260D
1,1-Dichloroethane [b]		2.1	1.0		ug/l	SW846 8260D
1,1-Dichloroethene [b]		1.1	1.0		ug/l	SW846 8260D
Isopropylbenzene [b]		11.0	1.0		ug/l	SW846 8260D
p-Isopropyltoluene [b]		3.6	2.0		ug/l	SW846 8260D
n-Propylbenzene [b]		38.7	2.0		ug/l	SW846 8260D

Summary of Hits

Job Number: JD99501
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 10/29/24 thru 10/30/24

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
1,2,4-Trimethylbenzene [b]		63.5	2.0		ug/l	SW846 8260D
1,3,5-Trimethylbenzene [b]		62.8	2.0		ug/l	SW846 8260D

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Dilution required due to high concentration of target compound.
(b) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD99501-1	**Date Sampled:**	10/30/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2N17121.D	1	11/04/24 14:18	ED	n/a	n/a	V2N407
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile [b]	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane [b]	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD99501-1	**Date Sampled:**	10/30/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

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VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD99501-1	**Date Sampled:**	10/30/24
Matrix:	AQ - Trip Blank Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%
17060-07-0	1,2-Dichloroethane-D4	98%		80-120%
2037-26-5	Toluene-D8	95%		80-120%
460-00-4	4-Bromofluorobenzene	91%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JD99501-2	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1N17122.D	1	11/04/24 14:31	ED	n/a	n/a	V1N407
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	10	ug/l	
107-13-1	Acrylonitrile [c]	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JD99501-2	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JD99501-2	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-120%
17060-07-0	1,2-Dichloroethane-D4	99%		80-120%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	92%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Response factor for this compound is below 0.05 in the continuing calibration.
(c) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JD99501-2	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	11/06/24	11/07/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA57251
(2) Prep QC Batch: MP50506

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-3A		
Lab Sample ID:	JD99501-3	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2N17123.D	1	11/04/24 14:46	ED	n/a	n/a	V2N407
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile [b]	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane [b]	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-3A		
Lab Sample ID:	JD99501-3	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-3A		
Lab Sample ID:	JD99501-3	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-120%
17060-07-0	1,2-Dichloroethane-D4	97%		80-120%
2037-26-5	Toluene-D8	95%		80-120%
460-00-4	4-Bromofluorobenzene	93%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-3A		
Lab Sample ID:	JD99501-3	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	11/06/24	11/07/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA57251
(2) Prep QC Batch: MP50506

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-4A		
Lab Sample ID:	JD99501-4	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2N17139.D	1	11/04/24 18:26	ED	n/a	n/a	V2N407
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile [b]	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane [b]	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-4A		
Lab Sample ID:	JD99501-4	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-4A		
Lab Sample ID:	JD99501-4	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		80-120%
17060-07-0	1,2-Dichloroethane-D4	96%		80-120%
2037-26-5	Toluene-D8	94%		80-120%
460-00-4	4-Bromofluorobenzene	90%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-4A		
Lab Sample ID:	JD99501-4	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	11/06/24	11/07/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA57251
(2) Prep QC Batch: MP50506

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-6B		
Lab Sample ID:	JD99501-5	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2N17166.D	5	11/05/24 11:48	ED	n/a	n/a	V2N408
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	50	ug/l	
107-13-1	Acrylonitrile	ND	50	ug/l	
71-43-2	Benzene	4.1	2.5	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	ug/l	
75-25-2	Bromoform	ND	5.0	ug/l	
74-83-9	Bromomethane [c]	ND	10	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	ug/l	
104-51-8	n-Butylbenzene	ND	10	ug/l	
135-98-8	sec-Butylbenzene	ND	10	ug/l	
98-06-6	tert-Butylbenzene	ND	10	ug/l	
75-15-0	Carbon disulfide	ND	10	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	ug/l	
108-90-7	Chlorobenzene	ND	5.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	5.0	ug/l	
74-87-3	Chloromethane [d]	ND	5.0	ug/l	
95-49-8	o-Chlorotoluene	ND	10	ug/l	
106-43-4	p-Chlorotoluene	ND	10	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	5.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene [c]	ND	25	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-6B		
Lab Sample ID:	JD99501-5	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	5.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	ug/l	
123-91-1	1,4-Dioxane	ND	630	ug/l	
60-29-7	Ethyl Ether	ND	10	ug/l	
100-41-4	Ethylbenzene	672	5.0	ug/l	
76-13-1	Freon 113	ND	25	ug/l	
87-68-3	Hexachlorobutadiene	ND	10	ug/l	
591-78-6	2-Hexanone	ND	25	ug/l	
98-82-8	Isopropylbenzene	40.7	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	10	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	25	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	10	ug/l	
91-20-3	Naphthalene	148	25	ug/l	
103-65-1	n-Propylbenzene	90.8	10	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	10	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	10	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	ug/l	
109-99-9	Tetrahydrofuran	ND	50	ug/l	
108-88-3	Toluene	6.1	5.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	ug/l	
79-01-6	Trichloroethene	ND	5.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	10	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	10	ug/l	
95-63-6	1,2,4-Trimethylbenzene	753	10	ug/l	
108-67-8	1,3,5-Trimethylbenzene	239	10	ug/l	
75-01-4	Vinyl chloride	ND	5.0	ug/l	
	m,p-Xylene	1500	5.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-6B		
Lab Sample ID:	JD99501-5	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	35.1	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		80-120%
17060-07-0	1,2-Dichloroethane-D4	93%		80-120%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	92%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Response factor for this compound is below 0.05 in the continuing calibration.
(c) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(d) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-6B		
Lab Sample ID:	JD99501-5	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	41.9	3.0	ug/l	1	11/06/24	11/07/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA57251
(2) Prep QC Batch: MP50506

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	JD99501-6	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1N17167.D	10	11/05/24 12:02	ED	n/a	n/a	V1N408
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	100	ug/l	
107-13-1	Acrylonitrile [c]	ND	50	ug/l	
71-43-2	Benzene	27.7	5.0	ug/l	
108-86-1	Bromobenzene	ND	10	ug/l	
74-97-5	Bromochloromethane	ND	10	ug/l	
75-27-4	Bromodichloromethane	ND	10	ug/l	
75-25-2	Bromoform	ND	10	ug/l	
74-83-9	Bromomethane	ND	20	ug/l	
78-93-3	2-Butanone (MEK)	ND	100	ug/l	
104-51-8	n-Butylbenzene	ND	20	ug/l	
135-98-8	sec-Butylbenzene	ND	20	ug/l	
98-06-6	tert-Butylbenzene	ND	20	ug/l	
75-15-0	Carbon disulfide	ND	20	ug/l	
56-23-5	Carbon tetrachloride	ND	10	ug/l	
108-90-7	Chlorobenzene	ND	10	ug/l	
75-00-3	Chloroethane	ND	10	ug/l	
67-66-3	Chloroform	ND	10	ug/l	
74-87-3	Chloromethane [d]	ND	10	ug/l	
95-49-8	o-Chlorotoluene	ND	20	ug/l	
106-43-4	p-Chlorotoluene	ND	20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	20	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	10	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	10	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	10	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	10	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	20	ug/l	
75-34-3	1,1-Dichloroethane	ND	10	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	ug/l	
75-35-4	1,1-Dichloroethene	ND	10	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	10	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	JD99501-6	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	10	ug/l	
78-87-5	1,2-Dichloropropane	ND	10	ug/l	
142-28-9	1,3-Dichloropropane	ND	10	ug/l	
594-20-7	2,2-Dichloropropane	ND	10	ug/l	
563-58-6	1,1-Dichloropropene	ND	10	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	ug/l	
123-91-1	1,4-Dioxane [e]	ND	1300	ug/l	
60-29-7	Ethyl Ether	ND	20	ug/l	
100-41-4	Ethylbenzene	500	10	ug/l	
76-13-1	Freon 113	ND	50	ug/l	
87-68-3	Hexachlorobutadiene	ND	20	ug/l	
591-78-6	2-Hexanone	ND	50	ug/l	
98-82-8	Isopropylbenzene	17.7	10	ug/l	
99-87-6	p-Isopropyltoluene	ND	20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	10	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	50	ug/l	
74-95-3	Methylene bromide	ND	10	ug/l	
75-09-2	Methylene chloride	ND	20	ug/l	
91-20-3	Naphthalene	356	50	ug/l	
103-65-1	n-Propylbenzene	29.5	20	ug/l	
100-42-5	Styrene	ND	10	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	20	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	10	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	ug/l	
127-18-4	Tetrachloroethene	ND	10	ug/l	
109-99-9	Tetrahydrofuran	ND	100	ug/l	
108-88-3	Toluene	374	10	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	10	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	10	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	10	ug/l	
79-01-6	Trichloroethene	ND	10	ug/l	
75-69-4	Trichlorofluoromethane	ND	20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	1230	20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	171	20	ug/l	
75-01-4	Vinyl chloride	ND	10	ug/l	
	m,p-Xylene	3300	10	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	JD99501-6	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	1090	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		80-120%
17060-07-0	1,2-Dichloroethane-D4	91%		80-120%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	93%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Dilution required due to high concentration of target compound.
(b) Response factor for this compound is below 0.05 in the continuing calibration. This compound is outside the RCP limits in the associated BS biased high.
(c) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(d) Associated CCV outside of control limits high, sample was ND.
(e) Associated CCV outside of control limits high, sample was ND.Response factor for this compound is below 0.05 in the initial calibrations.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	JD99501-6	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	11/06/24	11/07/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA57251
(2) Prep QC Batch: MP50506

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	JD99501-7	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1N17140.D	1	11/04/24 18:40	ED	n/a	n/a	V1N407
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	10	ug/l	
107-13-1	Acrylonitrile [c]	ND	5.0	ug/l	
71-43-2	Benzene	11.7	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	JD99501-7	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	74.1	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	5.4	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	10.9	5.0	ug/l	
103-65-1	n-Propylbenzene	8.7	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	14.1	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	33.8	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	3.3	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	36.6	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	JD99501-7	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	32.6	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		80-120%
17060-07-0	1,2-Dichloroethane-D4	95%		80-120%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	92%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Response factor for this compound is below 0.05 in the continuing calibration.
(c) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	JD99501-7	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

4.7
4

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	11/06/24	11/07/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA57251
(2) Prep QC Batch: MP50506

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A		
Lab Sample ID:	JD99501-8	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2N17141.D	1	11/04/24 18:54	ED	n/a	n/a	V2N407
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile [b]	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	10.5	2.0	ug/l	
135-98-8	sec-Butylbenzene	8.0	2.0	ug/l	
98-06-6	tert-Butylbenzene	3.7	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane [b]	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	2.2	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	1.0	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A		
Lab Sample ID:	JD99501-8	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

4.8
4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	11.4	1.0	ug/l	
99-87-6	p-Isopropyltoluene	3.5	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	39.6	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	64.1	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	65.2	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A		
Lab Sample ID:	JD99501-8	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		80-120%
17060-07-0	1,2-Dichloroethane-D4	92%		80-120%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	95%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A		
Lab Sample ID:	JD99501-8	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	11/06/24	11/07/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA57251
(2) Prep QC Batch: MP50506

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-14B		
Lab Sample ID:	JD99501-9	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1N17142.D	1	11/04/24 19:08	ED	n/a	n/a	V1N407
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	10	ug/l	
107-13-1	Acrylonitrile [c]	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-14B		
Lab Sample ID:	JD99501-9	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	3.2	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-14B		
Lab Sample ID:	JD99501-9	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		80-120%
17060-07-0	1,2-Dichloroethane-D4	93%		80-120%
2037-26-5	Toluene-D8	95%		80-120%
460-00-4	4-Bromofluorobenzene	91%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Response factor for this compound is below 0.05 in the continuing calibration.
(c) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-14B		
Lab Sample ID:	JD99501-9	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

4.9
4

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	3.0	3.0	ug/l	1	11/06/24	11/07/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA57251
(2) Prep QC Batch: MP50506

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JD99501-10	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2N17143.D	1	11/04/24 19:21	ED	n/a	n/a	V2N407
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile [b]	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane [b]	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JD99501-10	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JD99501-10	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		80-120%
17060-07-0	1,2-Dichloroethane-D4	97%		80-120%
2037-26-5	Toluene-D8	94%		80-120%
460-00-4	4-Bromofluorobenzene	91%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JD99501-10	**Date Sampled:**	10/29/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	3.7	3.0	ug/l	1	11/06/24	11/07/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA57251
(2) Prep QC Batch: MP50506

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	DUPLICATE-13A		
Lab Sample ID:	JD99501-11	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1N17144.D	1	11/04/24 19:35	ED	n/a	n/a	V1N407
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	10	ug/l	
107-13-1	Acrylonitrile [c]	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	10.0	2.0	ug/l	
135-98-8	sec-Butylbenzene	7.6	2.0	ug/l	
98-06-6	tert-Butylbenzene	3.5	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	2.1	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	1.1	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	DUPLICATE-13A		
Lab Sample ID:	JD99501-11	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	11.0	1.0	ug/l	
99-87-6	p-Isopropyltoluene	3.6	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	38.7	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	63.5	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	62.8	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	DUPLICATE-13A		
Lab Sample ID:	JD99501-11	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		80-120%
17060-07-0	1,2-Dichloroethane-D4	93%		80-120%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	94%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Response factor for this compound is below 0.05 in the continuing calibration.
(c) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	DUPLICATE-13A		
Lab Sample ID:	JD99501-11	**Date Sampled:**	10/30/24
Matrix:	AQ - Ground Water	**Date Received:**	10/31/24
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	11/06/24	11/07/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA57257
(2) Prep QC Batch: MP50506

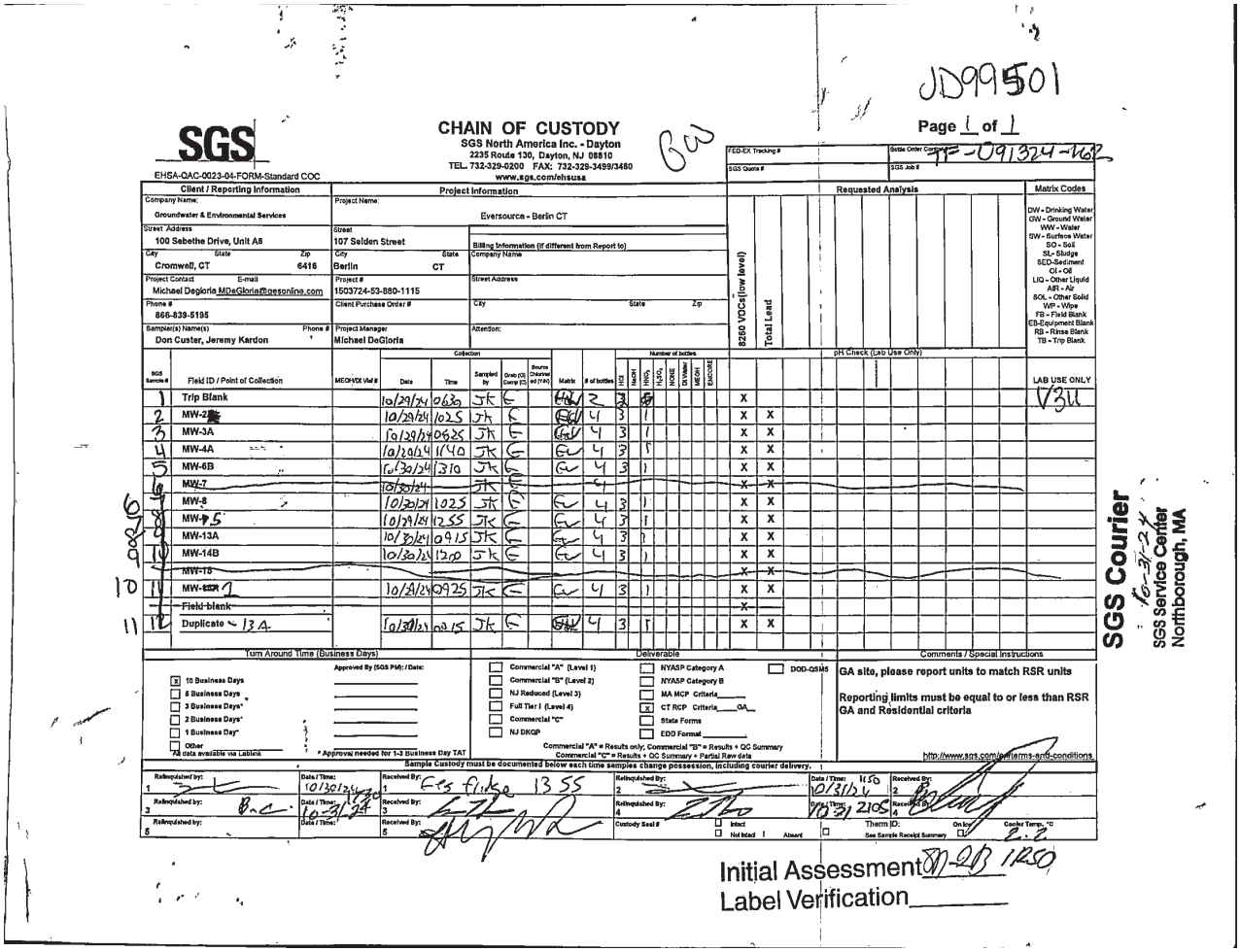
RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- RCP Form
- Sample Tracking Chronicle
- QC Evaluation: CT RCP Limits



JD99501

SGS

EHSA-QAC-0023-04-FORM-Standard COC

CHAIN OF CUSTODY
SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

Page 1 of 1

FED-EX Tracking #: 8-091324-962
SGS Quote #:
Bottle Order Control #:
SGS Job #:

Client / Reporting Information
Company Name: Groundwater & Environmental Services
Street Address: 100 Sebethe Drive, Unit A8
City: Cromwell, State: CT, Zip: 6416
Project Contact: Michael Degloria, E-mail: MDeGloria@geseonline.com
Phone #: 866-839-5195
Sampler(s) Name(s): Don Custer, Jeremy Kardon, Phone #:

Project Information
Project Name: Eversource - Berlin CT
Street: 107 Selden Street
City: Berlin, State: CT
Project #: 1503724-53-880-1115
Client Purchase Order #:
Project Manager: Michael DeGloria

Billing Information (if different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis
8260 VOCs (low level)
Total Lead
pH Check (Lab Use Only)

Matrix Codes
DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled By	Grab (G) Comp (C)	Source Code (see F1A)	Matrix	# of bottles	Number of bottles: HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	EnCore	8260 VOCs (low level)	Total Lead	LAB USE ONLY
1	Trip Blank		10/29/24	0630	JK	G		GW	2	2								X		V3U
2	MW-2		10/29/24	1025	JK	G		GW	4	3		1						X	X	
3	MW-3A		10/29/24	0925	JK	G		GW	4	3		1						X	X	
4	MW-4A		10/29/24	1140	JK	G		GW	4	3		1						X	X	
5	MW-6B		10/30/24	1310	JK	G		GW	4	3		1						X	X	
6	MW-7		10/30/24		JK	G		GW	4									X	X	
7	MW-8		10/30/24	1025	JK	G		GW	4	3		1						X	X	
8	MW-9S		10/29/24	1255	JK	G		GW	4	3		1						X	X	
9	MW-13A		10/30/24	0915	JK	G		GW	4	3		1						X	X	
10	MW-14B		10/30/24	1200	JK	G		GW	4	3		1						X	X	
	MW-18																	X	X	
10	MW-19D		10/31/24	0925	JK	G		GW	4	3		1						X	X	
	Field blank																	X		
11	Duplicate ~ 13A		10/30/24	0915	JK	G		GW	4	3		1						X	X	

Turn Around Time (Business Days)
Approved By (SGS PM): / Date:
- [x] 10 Business Days
- [ ] 6 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other
All data available via Labtrk
* Approval needed for 1-3 Business Day TAT

Deliverable
- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] MA MCP Criteria____
- [x] CT RCP Criteria GA
- [ ] State Forms
- [ ] EDD Format
- [ ] DOD-QSM5

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions
GA site, please report units to match RSR units
Reporting limits must be equal to or less than RSR GA and Residential criteria
http://www.sgs.com/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		10/30/24 1630	1 Eng flake	2	10/31/24 1150	2
3	Relinquished by: B.C.	Date / Time: 10-31-24	Received By: 3	Relinquished By: 4	Date / Time: 10-31 2105	Received By: 4
5	Relinquished by:	Date / Time:	Received By: 5	Custody Seal #	Intact / Not Intact / Absent	Therm ID: / See Sample Receipt Summary	On Ice / Cooler Temp. °C: 2.2

Initial Assessment 10-28 1250
Label Verification

SGS Courier
10-31-24
SGS Service Center
Northborough, MA

5.1 5

JD99501: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: JD99501 **Client:** GROUNDWATER & ENVIRONMENTAL SE **Project:** EVERSOURCE, 107 SELDEN STREET, BE

Date / Time Received: 10/31/2024 9:05:00 PM **Delivery Method:** SGS **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.2);

Cooler Temps (Corrected) °C: Cooler 1: (2.6);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-50		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	☐
2. Trip Blank listed on COC:	☑		☐	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

5.1 5

JD99501: Chain of Custody
Page 2 of 2

Reasonable Confidence Protocol
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: SGS North America Inc. **Client:** Groundwater & Environmental Services

Project Location: Eversource, Berlin, CT **Project Number:**

Sampling Date(s): 10/30/2024

Laboratory Sample ID(s): JD99501-9, JD99501-1, JD99501-2, JD99501-3, JD99501-4, JD99501-5, JD99501-6, JD99501-7, JD99501-8, JD99501-11, JD99501-10

Methods: SW846 6010D, SW846 8260D

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	Where all the method specified preservation and holding time requirements met?	Yes ☑ No ☐
1B	VPH and EPH mehods only: Was the VPH or EPH method conducted without significant modifications (See section 11.3 of respective methods)	Yes ☐ No ☐ NA ☑
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes ☑ No ☐
3	Were samples received at an appropriate temperature (<6° C)?	Yes ☑ No ☐
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	Yes ☐ No ☑
5	a) Were reporting limits specified or referenced on the chain-of-custody?	Yes ☑ No ☐
	b) 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 ☑

Note: 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".

I, the undersigned, attest under 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: 

Position: General Manager

Printed Name: Dav id Chastain

Date: 11/8/2024

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD99501

Eversource, Berlin, CT
Project No: 1503724-53-880-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD99501-1	Collected: 30-OCT-24 13:10 By: JK	Received: 31-OCT-24 By: HR				
TRIP BLANK						
JD99501-1	SW846 8260D	04-NOV-24 14:18	ED			V8260RCP
JD99501-2	Collected: 29-OCT-24 10:25 By: JK	Received: 31-OCT-24 By: HR				
MW-2						
JD99501-2	SW846 8260D	04-NOV-24 14:31	ED			V8260RCP
JD99501-2	SW846 6010D	07-NOV-24 03:24	MM	06-NOV-24	CM	PB
JD99501-3	Collected: 29-OCT-24 08:25 By: JK	Received: 31-OCT-24 By: HR				
MW-3A						
JD99501-3	SW846 8260D	04-NOV-24 14:46	ED			V8260RCP
JD99501-3	SW846 6010D	07-NOV-24 03:29	MM	06-NOV-24	CM	PB
JD99501-4	Collected: 29-OCT-24 11:40 By: JK	Received: 31-OCT-24 By: HR				
MW-4A						
JD99501-4	SW846 8260D	04-NOV-24 18:26	ED			V8260RCP
JD99501-4	SW846 6010D	07-NOV-24 03:44	MM	06-NOV-24	CM	PB
JD99501-5	Collected: 30-OCT-24 13:10 By: JK	Received: 31-OCT-24 By: HR				
MW-6B						
JD99501-5	SW846 8260D	05-NOV-24 11:48	ED			V8260RCP
JD99501-5	SW846 6010D	07-NOV-24 03:49	MM	06-NOV-24	CM	PB
JD99501-6	Collected: 30-OCT-24 10:25 By: JK	Received: 31-OCT-24 By: HR				
MW-8						
JD99501-6	SW846 8260D	05-NOV-24 12:02	ED			V8260RCP
JD99501-6	SW846 6010D	07-NOV-24 03:54	MM	06-NOV-24	CM	PB
JD99501-7	Collected: 29-OCT-24 12:55 By: JK	Received: 31-OCT-24 By: HR				
MW-5						
JD99501-7	SW846 8260D	04-NOV-24 18:40	ED			V8260RCP
JD99501-7	SW846 6010D	07-NOV-24 03:59	MM	06-NOV-24	CM	PB

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JD99501

Eversource, Berlin, CT
Project No: 1503724-53-880-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JD99501-8	Collected: 30-OCT-24 09:15 By: JK		Received: 31-OCT-24 By: HR			
MW-13A						
JD99501-8	SW846 8260D	04-NOV-24 18:54	ED			V8260RCP
JD99501-8	SW846 6010D	07-NOV-24 04:04	MM	06-NOV-24	CM	PB
JD99501-9	Collected: 30-OCT-24 12:00 By: JK		Received: 31-OCT-24 By: HR			
MW-14B						
JD99501-9	SW846 8260D	04-NOV-24 19:08	ED			V8260RCP
JD99501-9	SW846 6010D	07-NOV-24 04:09	MM	06-NOV-24	CM	PB
JD99501-10	Collected: 29-OCT-24 09:25 By: JK		Received: 31-OCT-24 By: HR			
MW-1						
JD99501-10	SW846 8260D	04-NOV-24 19:21	ED			V8260RCP
JD99501-10	SW846 6010D	07-NOV-24 04:14	MM	06-NOV-24	CM	PB
JD99501-11	Collected: 30-OCT-24 09:15 By: JK		Received: 31-OCT-24 By: HR			
DUPLICATE-13A						
JD99501-11	SW846 8260D	04-NOV-24 19:35	ED			V8260RCP
JD99501-11	SW846 6010D	07-NOV-24 23:10	MM	06-NOV-24	CM	PB

QC Evaluation: CT RCP Limits

Job Number: JD99501
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 10/29/24 thru 10/30/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V1N407	SW846 8260D						
V1N407-BS	67-64-1	Acetone	BSP	REC	111	%	70-130
V1N407-BS	107-13-1	Acrylonitrile	BSP	REC	136	%	70-130
V1N407-BS	71-43-2	Benzene	BSP	REC	100	%	70-130
V1N407-BS	108-86-1	Bromobenzene	BSP	REC	98	%	70-130
V1N407-BS	74-97-5	Bromochloromethane	BSP	REC	107	%	70-130
V1N407-BS	75-27-4	Bromodichloromethane	BSP	REC	96	%	70-130
V1N407-BS	75-25-2	Bromoform	BSP	REC	103	%	70-130
V1N407-BS	74-83-9	Bromomethane	BSP	REC	89	%	70-130
V1N407-BS	78-93-3	2-Butanone (MEK)	BSP	REC	101	%	70-130
V1N407-BS	104-51-8	n-Butylbenzene	BSP	REC	95	%	70-130
V1N407-BS	135-98-8	sec-Butylbenzene	BSP	REC	95	%	70-130
V1N407-BS	98-06-6	tert-Butylbenzene	BSP	REC	95	%	70-130
V1N407-BS	75-15-0	Carbon disulfide	BSP	REC	95	%	70-130
V1N407-BS	56-23-5	Carbon tetrachloride	BSP	REC	100	%	70-130
V1N407-BS	108-90-7	Chlorobenzene	BSP	REC	96	%	70-130
V1N407-BS	75-00-3	Chloroethane	BSP	REC	95	%	70-130
V1N407-BS	67-66-3	Chloroform	BSP	REC	95	%	70-130
V1N407-BS	74-87-3	Chloromethane	BSP	REC	120	%	70-130
V1N407-BS	95-49-8	o-Chlorotoluene	BSP	REC	97	%	70-130
V1N407-BS	106-43-4	p-Chlorotoluene	BSP	REC	93	%	70-130
V1N407-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	100	%	70-130
V1N407-BS	124-48-1	Dibromochloromethane	BSP	REC	102	%	70-130
V1N407-BS	106-93-4	1,2-Dibromoethane	BSP	REC	100	%	70-130
V1N407-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	100	%	70-130
V1N407-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	100	%	70-130
V1N407-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	98	%	70-130
V1N407-BS	110-57-6	trans-1,4-Dichloro-2-Butene	BSP	REC	92	%	70-130
V1N407-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	87	%	70-130
V1N407-BS	75-34-3	1,1-Dichloroethane	BSP	REC	107	%	70-130
V1N407-BS	107-06-2	1,2-Dichloroethane	BSP	REC	97	%	70-130
V1N407-BS	75-35-4	1,1-Dichloroethene	BSP	REC	103	%	70-130
V1N407-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	97	%	70-130
V1N407-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	110	%	70-130
V1N407-BS	78-87-5	1,2-Dichloropropane	BSP	REC	106	%	70-130
V1N407-BS	142-28-9	1,3-Dichloropropane	BSP	REC	95	%	70-130
V1N407-BS	594-20-7	2,2-Dichloropropane	BSP	REC	96	%	70-130
V1N407-BS	563-58-6	1,1-Dichloropropene	BSP	REC	100	%	70-130
V1N407-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	101	%	70-130
V1N407-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	101	%	70-130
V1N407-BS	123-91-1	1,4-Dioxane	BSP	REC	106	%	70-130
V1N407-BS	60-29-7	Ethyl Ether	BSP	REC	102	%	70-130
V1N407-BS	100-41-4	Ethylbenzene	BSP	REC	89	%	70-130

* Sample used for QC is not from job JD99501

QC Evaluation: CT RCP Limits

Job Number: JD99501
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 10/29/24 thru 10/30/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V1N407-BS	76-13-1	Freon 113	BSP	REC	103	%	70-130
V1N407-BS	87-68-3	Hexachlorobutadiene	BSP	REC	95	%	70-130
V1N407-BS	591-78-6	2-Hexanone	BSP	REC	115	%	70-130
V1N407-BS	98-82-8	Isopropylbenzene	BSP	REC	95	%	70-130
V1N407-BS	99-87-6	p-Isopropyltoluene	BSP	REC	99	%	70-130
V1N407-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	102	%	70-130
V1N407-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	119	%	70-130
V1N407-BS	74-95-3	Methylene bromide	BSP	REC	94	%	70-130
V1N407-BS	75-09-2	Methylene chloride	BSP	REC	95	%	70-130
V1N407-BS	91-20-3	Naphthalene	BSP	REC	96	%	70-130
V1N407-BS	103-65-1	n-Propylbenzene	BSP	REC	93	%	70-130
V1N407-BS	100-42-5	Styrene	BSP	REC	100	%	70-130
V1N407-BS	994-05-8	tert-Amyl Methyl Ether	BSP	REC	96	%	70-130
V1N407-BS	637-92-3	tert-Butyl Ethyl Ether	BSP	REC	112	%	70-130
V1N407-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	103	%	70-130
V1N407-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	97	%	70-130
V1N407-BS	127-18-4	Tetrachloroethene	BSP	REC	102	%	70-130
V1N407-BS	109-99-9	Tetrahydrofuran	BSP	REC	99	%	70-130
V1N407-BS	108-88-3	Toluene	BSP	REC	95	%	70-130
V1N407-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	101	%	70-130
V1N407-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	101	%	70-130
V1N407-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	97	%	70-130
V1N407-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	93	%	70-130
V1N407-BS	79-01-6	Trichloroethene	BSP	REC	100	%	70-130
V1N407-BS	75-69-4	Trichlorofluoromethane	BSP	REC	86	%	70-130
V1N407-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	95	%	70-130
V1N407-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	95	%	70-130
V1N407-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	96	%	70-130
V1N407-BS	75-01-4	Vinyl chloride	BSP	REC	104	%	70-130
V1N407-BS		m,p-Xylene	BSP	REC	95	%	70-130
V1N407-BS	95-47-6	o-Xylene	BSP	REC	95	%	70-130
V1N407-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	97	%	70-130
V1N407-BS	2037-26-5	Toluene-D8	BSP	SURR	96	%	70-130
V1N407-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	93	%	70-130
V1N407-MB	1868-53-7	Dibromofluoromethane	MB	SURR	103	%	70-130
V1N407-MB	2037-26-5	Toluene-D8	MB	SURR	95	%	70-130
V1N407-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	93	%	70-130
JD99501-2	1868-53-7	Dibromofluoromethane	SAMP	SURR	100	%	70-130
JD99501-2	2037-26-5	Toluene-D8	SAMP	SURR	96	%	70-130
JD99501-2	460-00-4	4-Bromofluorobenzene	SAMP	SURR	92	%	70-130
JD99501-7	1868-53-7	Dibromofluoromethane	SAMP	SURR	92	%	70-130
JD99501-7	2037-26-5	Toluene-D8	SAMP	SURR	96	%	70-130
JD99501-7	460-00-4	4-Bromofluorobenzene	SAMP	SURR	92	%	70-130
JD99501-9	1868-53-7	Dibromofluoromethane	SAMP	SURR	91	%	70-130
JD99501-9	2037-26-5	Toluene-D8	SAMP	SURR	95	%	70-130

* Sample used for QC is not from job JD99501

QC Evaluation: CT RCP Limits

Job Number: JD99501
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 10/29/24 thru 10/30/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD99501-9	460-00-4	4-Bromofluorobenzene	SAMP	SURR	91	%	70-130
JD99501-11	1868-53-7	Dibromofluoromethane	SAMP	SURR	89	%	70-130
JD99501-11	2037-26-5	Toluene-D8	SAMP	SURR	96	%	70-130
JD99501-11	460-00-4	4-Bromofluorobenzene	SAMP	SURR	94	%	70-130
V1N408	SW846 8260D						
V1N408-BS	67-64-1	Acetone	BSP	REC	134 [a]	%	70-130
V1N408-BS	107-13-1	Acrylonitrile	BSP	REC	134	%	70-130
V1N408-BS	71-43-2	Benzene	BSP	REC	108	%	70-130
V1N408-BS	108-86-1	Bromobenzene	BSP	REC	107	%	70-130
V1N408-BS	74-97-5	Bromochloromethane	BSP	REC	115	%	70-130
V1N408-BS	75-27-4	Bromodichloromethane	BSP	REC	102	%	70-130
V1N408-BS	75-25-2	Bromoform	BSP	REC	115	%	70-130
V1N408-BS	74-83-9	Bromomethane	BSP	REC	92	%	70-130
V1N408-BS	78-93-3	2-Butanone (MEK)	BSP	REC	115	%	70-130
V1N408-BS	104-51-8	n-Butylbenzene	BSP	REC	105	%	70-130
V1N408-BS	135-98-8	sec-Butylbenzene	BSP	REC	102	%	70-130
V1N408-BS	98-06-6	tert-Butylbenzene	BSP	REC	104	%	70-130
V1N408-BS	75-15-0	Carbon disulfide	BSP	REC	100	%	70-130
V1N408-BS	56-23-5	Carbon tetrachloride	BSP	REC	106	%	70-130
V1N408-BS	108-90-7	Chlorobenzene	BSP	REC	107	%	70-130
V1N408-BS	75-00-3	Chloroethane	BSP	REC	92	%	70-130
V1N408-BS	67-66-3	Chloroform	BSP	REC	96	%	70-130
V1N408-BS	74-87-3	Chloromethane	BSP	REC	123	%	70-130
V1N408-BS	95-49-8	o-Chlorotoluene	BSP	REC	107	%	70-130
V1N408-BS	106-43-4	p-Chlorotoluene	BSP	REC	101	%	70-130
V1N408-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	111	%	70-130
V1N408-BS	124-48-1	Dibromochloromethane	BSP	REC	113	%	70-130
V1N408-BS	106-93-4	1,2-Dibromoethane	BSP	REC	109	%	70-130
V1N408-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	109	%	70-130
V1N408-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	108	%	70-130
V1N408-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	106	%	70-130
V1N408-BS	110-57-6	trans-1,4-Dichloro-2-Butene	BSP	REC	97	%	70-130
V1N408-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	99	%	70-130
V1N408-BS	75-34-3	1,1-Dichloroethane	BSP	REC	111	%	70-130
V1N408-BS	107-06-2	1,2-Dichloroethane	BSP	REC	102	%	70-130
V1N408-BS	75-35-4	1,1-Dichloroethene	BSP	REC	108	%	70-130
V1N408-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	103	%	70-130
V1N408-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	119	%	70-130
V1N408-BS	78-87-5	1,2-Dichloropropane	BSP	REC	113	%	70-130
V1N408-BS	142-28-9	1,3-Dichloropropane	BSP	REC	104	%	70-130
V1N408-BS	594-20-7	2,2-Dichloropropane	BSP	REC	103	%	70-130
V1N408-BS	563-58-6	1,1-Dichloropropene	BSP	REC	105	%	70-130
V1N408-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	109	%	70-130

* Sample used for QC is not from job JD99501

QC Evaluation: CT RCP Limits

Job Number: JD99501
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 10/29/24 thru 10/30/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V1N408-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	110	%	70-130
V1N408-BS	123-91-1	1,4-Dioxane	BSP	REC	120	%	70-130
V1N408-BS	60-29-7	Ethyl Ether	BSP	REC	106	%	70-130
V1N408-BS	100-41-4	Ethylbenzene	BSP	REC	98	%	70-130
V1N408-BS	76-13-1	Freon 113	BSP	REC	112	%	70-130
V1N408-BS	87-68-3	Hexachlorobutadiene	BSP	REC	105	%	70-130
V1N408-BS	591-78-6	2-Hexanone	BSP	REC	129	%	70-130
V1N408-BS	98-82-8	Isopropylbenzene	BSP	REC	105	%	70-130
V1N408-BS	99-87-6	p-Isopropyltoluene	BSP	REC	108	%	70-130
V1N408-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	106	%	70-130
V1N408-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	127	%	70-130
V1N408-BS	74-95-3	Methylene bromide	BSP	REC	98	%	70-130
V1N408-BS	75-09-2	Methylene chloride	BSP	REC	98	%	70-130
V1N408-BS	91-20-3	Naphthalene	BSP	REC	107	%	70-130
V1N408-BS	103-65-1	n-Propylbenzene	BSP	REC	101	%	70-130
V1N408-BS	100-42-5	Styrene	BSP	REC	111	%	70-130
V1N408-BS	994-05-8	tert-Amyl Methyl Ether	BSP	REC	105	%	70-130
V1N408-BS	637-92-3	tert-Butyl Ethyl Ether	BSP	REC	116	%	70-130
V1N408-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	114	%	70-130
V1N408-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	104	%	70-130
V1N408-BS	127-18-4	Tetrachloroethene	BSP	REC	115	%	70-130
V1N408-BS	109-99-9	Tetrahydrofuran	BSP	REC	110	%	70-130
V1N408-BS	108-88-3	Toluene	BSP	REC	104	%	70-130
V1N408-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	112	%	70-130
V1N408-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	110	%	70-130
V1N408-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	103	%	70-130
V1N408-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	101	%	70-130
V1N408-BS	79-01-6	Trichloroethene	BSP	REC	111	%	70-130
V1N408-BS	75-69-4	Trichlorofluoromethane	BSP	REC	88	%	70-130
V1N408-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	101	%	70-130
V1N408-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	105	%	70-130
V1N408-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	103	%	70-130
V1N408-BS	75-01-4	Vinyl chloride	BSP	REC	104	%	70-130
V1N408-BS		m,p-Xylene	BSP	REC	106	%	70-130
V1N408-BS	95-47-6	o-Xylene	BSP	REC	106	%	70-130
V1N408-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	93	%	70-130
V1N408-BS	2037-26-5	Toluene-D8	BSP	SURR	96	%	70-130
V1N408-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	91	%	70-130
V1N408-MB	1868-53-7	Dibromofluoromethane	MB	SURR	95	%	70-130
V1N408-MB	2037-26-5	Toluene-D8	MB	SURR	95	%	70-130
V1N408-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	91	%	70-130
JD99501-6	1868-53-7	Dibromofluoromethane	SAMP	SURR	91	%	70-130
JD99501-6	2037-26-5	Toluene-D8	SAMP	SURR	97	%	70-130
JD99501-6	460-00-4	4-Bromofluorobenzene	SAMP	SURR	93	%	70-130

* Sample used for QC is not from job JD99501

QC Evaluation: CT RCP Limits

Job Number: JD99501
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 10/29/24 thru 10/30/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V2N407	SW846 8260D						
V2N407-BS	67-64-1	Acetone	BSP	REC	98	%	70-130
V2N407-BS	107-13-1	Acrylonitrile	BSP	REC	132	%	70-130
V2N407-BS	71-43-2	Benzene	BSP	REC	104	%	70-130
V2N407-BS	108-86-1	Bromobenzene	BSP	REC	103	%	70-130
V2N407-BS	74-97-5	Bromochloromethane	BSP	REC	108	%	70-130
V2N407-BS	75-27-4	Bromodichloromethane	BSP	REC	98	%	70-130
V2N407-BS	75-25-2	Bromoform	BSP	REC	110	%	70-130
V2N407-BS	74-83-9	Bromomethane	BSP	REC	105	%	70-130
V2N407-BS	78-93-3	2-Butanone (MEK)	BSP	REC	102	%	70-130
V2N407-BS	104-51-8	n-Butylbenzene	BSP	REC	103	%	70-130
V2N407-BS	135-98-8	sec-Butylbenzene	BSP	REC	100	%	70-130
V2N407-BS	98-06-6	tert-Butylbenzene	BSP	REC	102	%	70-130
V2N407-BS	75-15-0	Carbon disulfide	BSP	REC	99	%	70-130
V2N407-BS	56-23-5	Carbon tetrachloride	BSP	REC	111	%	70-130
V2N407-BS	108-90-7	Chlorobenzene	BSP	REC	100	%	70-130
V2N407-BS	75-00-3	Chloroethane	BSP	REC	100	%	70-130
V2N407-BS	67-66-3	Chloroform	BSP	REC	99	%	70-130
V2N407-BS	74-87-3	Chloromethane	BSP	REC	137	%	70-130
V2N407-BS	95-49-8	o-Chlorotoluene	BSP	REC	102	%	70-130
V2N407-BS	106-43-4	p-Chlorotoluene	BSP	REC	99	%	70-130
V2N407-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	107	%	70-130
V2N407-BS	124-48-1	Dibromochloromethane	BSP	REC	105	%	70-130
V2N407-BS	106-93-4	1,2-Dibromoethane	BSP	REC	102	%	70-130
V2N407-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	102	%	70-130
V2N407-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	103	%	70-130
V2N407-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	104	%	70-130
V2N407-BS	110-57-6	trans-1,4-Dichloro-2-Butene	BSP	REC	86	%	70-130
V2N407-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	93	%	70-130
V2N407-BS	75-34-3	1,1-Dichloroethane	BSP	REC	110	%	70-130
V2N407-BS	107-06-2	1,2-Dichloroethane	BSP	REC	96	%	70-130
V2N407-BS	75-35-4	1,1-Dichloroethene	BSP	REC	109	%	70-130
V2N407-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	101	%	70-130
V2N407-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	114	%	70-130
V2N407-BS	78-87-5	1,2-Dichloropropane	BSP	REC	111	%	70-130
V2N407-BS	142-28-9	1,3-Dichloropropane	BSP	REC	104	%	70-130
V2N407-BS	594-20-7	2,2-Dichloropropane	BSP	REC	105	%	70-130
V2N407-BS	563-58-6	1,1-Dichloropropene	BSP	REC	112	%	70-130
V2N407-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	104	%	70-130
V2N407-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	105	%	70-130
V2N407-BS	123-91-1	1,4-Dioxane	BSP	REC	93	%	70-130
V2N407-BS	60-29-7	Ethyl Ether	BSP	REC	103	%	70-130
V2N407-BS	100-41-4	Ethylbenzene	BSP	REC	99	%	70-130

* Sample used for QC is not from job JD99501

QC Evaluation: CT RCP Limits

Job Number: JD99501
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 10/29/24 thru 10/30/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V2N407-BS	76-13-1	Freon 113	BSP	REC	107	%	70-130
V2N407-BS	87-68-3	Hexachlorobutadiene	BSP	REC	105	%	70-130
V2N407-BS	591-78-6	2-Hexanone	BSP	REC	113	%	70-130
V2N407-BS	98-82-8	Isopropylbenzene	BSP	REC	103	%	70-130
V2N407-BS	99-87-6	p-Isopropyltoluene	BSP	REC	104	%	70-130
V2N407-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	106	%	70-130
V2N407-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	116	%	70-130
V2N407-BS	74-95-3	Methylene bromide	BSP	REC	95	%	70-130
V2N407-BS	75-09-2	Methylene chloride	BSP	REC	96	%	70-130
V2N407-BS	91-20-3	Naphthalene	BSP	REC	104	%	70-130
V2N407-BS	103-65-1	n-Propylbenzene	BSP	REC	99	%	70-130
V2N407-BS	100-42-5	Styrene	BSP	REC	105	%	70-130
V2N407-BS	994-05-8	tert-Amyl Methyl Ether	BSP	REC	98	%	70-130
V2N407-BS	637-92-3	tert-Butyl Ethyl Ether	BSP	REC	114	%	70-130
V2N407-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	109	%	70-130
V2N407-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	100	%	70-130
V2N407-BS	127-18-4	Tetrachloroethene	BSP	REC	110	%	70-130
V2N407-BS	109-99-9	Tetrahydrofuran	BSP	REC	107	%	70-130
V2N407-BS	108-88-3	Toluene	BSP	REC	103	%	70-130
V2N407-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	102	%	70-130
V2N407-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	103	%	70-130
V2N407-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	104	%	70-130
V2N407-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	98	%	70-130
V2N407-BS	79-01-6	Trichloroethene	BSP	REC	111	%	70-130
V2N407-BS	75-69-4	Trichlorofluoromethane	BSP	REC	93	%	70-130
V2N407-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	100	%	70-130
V2N407-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	103	%	70-130
V2N407-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	104	%	70-130
V2N407-BS	75-01-4	Vinyl chloride	BSP	REC	109	%	70-130
V2N407-BS		m,p-Xylene	BSP	REC	101	%	70-130
V2N407-BS	95-47-6	o-Xylene	BSP	REC	101	%	70-130
V2N407-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	97	%	70-130
V2N407-BS	2037-26-5	Toluene-D8	BSP	SURR	97	%	70-130
V2N407-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	93	%	70-130
V2N407-MB	1868-53-7	Dibromofluoromethane	MB	SURR	103	%	70-130
V2N407-MB	2037-26-5	Toluene-D8	MB	SURR	94	%	70-130
V2N407-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	93	%	70-130
JD99501-1	1868-53-7	Dibromofluoromethane	SAMP	SURR	103	%	70-130
JD99501-1	2037-26-5	Toluene-D8	SAMP	SURR	95	%	70-130
JD99501-1	460-00-4	4-Bromofluorobenzene	SAMP	SURR	91	%	70-130
JD99501-3	1868-53-7	Dibromofluoromethane	SAMP	SURR	100	%	70-130
JD99501-3	2037-26-5	Toluene-D8	SAMP	SURR	95	%	70-130
JD99501-3	460-00-4	4-Bromofluorobenzene	SAMP	SURR	93	%	70-130
JD99501-4	1868-53-7	Dibromofluoromethane	SAMP	SURR	95	%	70-130
JD99501-4	2037-26-5	Toluene-D8	SAMP	SURR	94	%	70-130

* Sample used for QC is not from job JD99501

QC Evaluation: CT RCP Limits

Job Number: JD99501
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 10/29/24 thru 10/30/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD99501-4	460-00-4	4-Bromofluorobenzene	SAMP	SURR	90	%	70-130
JD99501-8	1868-53-7	Dibromofluoromethane	SAMP	SURR	89	%	70-130
JD99501-8	2037-26-5	Toluene-D8	SAMP	SURR	97	%	70-130
JD99501-8	460-00-4	4-Bromofluorobenzene	SAMP	SURR	95	%	70-130
JD99501-10	1868-53-7	Dibromofluoromethane	SAMP	SURR	95	%	70-130
JD99501-10	2037-26-5	Toluene-D8	SAMP	SURR	94	%	70-130
JD99501-10	460-00-4	4-Bromofluorobenzene	SAMP	SURR	91	%	70-130
V2N408	SW846 8260D						
V2N408-BS	67-64-1	Acetone	BSP	REC	100	%	70-130
V2N408-BS	107-13-1	Acrylonitrile	BSP	REC	123	%	70-130
V2N408-BS	71-43-2	Benzene	BSP	REC	115	%	70-130
V2N408-BS	108-86-1	Bromobenzene	BSP	REC	113	%	70-130
V2N408-BS	74-97-5	Bromochloromethane	BSP	REC	112	%	70-130
V2N408-BS	75-27-4	Bromodichloromethane	BSP	REC	107	%	70-130
V2N408-BS	75-25-2	Bromoform	BSP	REC	121	%	70-130
V2N408-BS	74-83-9	Bromomethane	BSP	REC	96	%	70-130
V2N408-BS	78-93-3	2-Butanone (MEK)	BSP	REC	107	%	70-130
V2N408-BS	104-51-8	n-Butylbenzene	BSP	REC	115	%	70-130
V2N408-BS	135-98-8	sec-Butylbenzene	BSP	REC	112	%	70-130
V2N408-BS	98-06-6	tert-Butylbenzene	BSP	REC	116	%	70-130
V2N408-BS	75-15-0	Carbon disulfide	BSP	REC	106	%	70-130
V2N408-BS	56-23-5	Carbon tetrachloride	BSP	REC	120	%	70-130
V2N408-BS	108-90-7	Chlorobenzene	BSP	REC	110	%	70-130
V2N408-BS	75-00-3	Chloroethane	BSP	REC	99	%	70-130
V2N408-BS	67-66-3	Chloroform	BSP	REC	100	%	70-130
V2N408-BS	74-87-3	Chloromethane	BSP	REC	142	%	70-130
V2N408-BS	95-49-8	o-Chlorotoluene	BSP	REC	113	%	70-130
V2N408-BS	106-43-4	p-Chlorotoluene	BSP	REC	108	%	70-130
V2N408-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	115	%	70-130
V2N408-BS	124-48-1	Dibromochloromethane	BSP	REC	115	%	70-130
V2N408-BS	106-93-4	1,2-Dibromoethane	BSP	REC	113	%	70-130
V2N408-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	114	%	70-130
V2N408-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	115	%	70-130
V2N408-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	115 [b]	%	70-130
V2N408-BS	110-57-6	trans-1,4-Dichloro-2-Butene	BSP	REC	82	%	70-130
V2N408-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	108	%	70-130
V2N408-BS	75-34-3	1,1-Dichloroethane	BSP	REC	116	%	70-130
V2N408-BS	107-06-2	1,2-Dichloroethane	BSP	REC	102	%	70-130
V2N408-BS	75-35-4	1,1-Dichloroethene	BSP	REC	117	%	70-130
V2N408-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	109	%	70-130
V2N408-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	123 [a]	%	70-130
V2N408-BS	78-87-5	1,2-Dichloropropane	BSP	REC	121	%	70-130
V2N408-BS	142-28-9	1,3-Dichloropropane	BSP	REC	112	%	70-130

* Sample used for QC is not from job JD99501

QC Evaluation: CT RCP Limits

Job Number: JD99501
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 10/29/24 thru 10/30/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V2N408-BS	594-20-7	2,2-Dichloropropane	BSP	REC	114	%	70-130
V2N408-BS	563-58-6	1,1-Dichloropropene	BSP	REC	118	%	70-130
V2N408-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	113	%	70-130
V2N408-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	112	%	70-130
V2N408-BS	123-91-1	1,4-Dioxane	BSP	REC	91	%	70-130
V2N408-BS	60-29-7	Ethyl Ether	BSP	REC	107	%	70-130
V2N408-BS	100-41-4	Ethylbenzene	BSP	REC	109	%	70-130
V2N408-BS	76-13-1	Freon 113	BSP	REC	120	%	70-130
V2N408-BS	87-68-3	Hexachlorobutadiene	BSP	REC	121	%	70-130
V2N408-BS	591-78-6	2-Hexanone	BSP	REC	123	%	70-130
V2N408-BS	98-82-8	Isopropylbenzene	BSP	REC	115	%	70-130
V2N408-BS	99-87-6	p-Isopropyltoluene	BSP	REC	117	%	70-130
V2N408-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	111	%	70-130
V2N408-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	124	%	70-130
V2N408-BS	74-95-3	Methylene bromide	BSP	REC	102	%	70-130
V2N408-BS	75-09-2	Methylene chloride	BSP	REC	101	%	70-130
V2N408-BS	91-20-3	Naphthalene	BSP	REC	116	%	70-130
V2N408-BS	103-65-1	n-Propylbenzene	BSP	REC	109	%	70-130
V2N408-BS	100-42-5	Styrene	BSP	REC	117	%	70-130
V2N408-BS	994-05-8	tert-Amyl Methyl Ether	BSP	REC	107	%	70-130
V2N408-BS	637-92-3	tert-Butyl Ethyl Ether	BSP	REC	119	%	70-130
V2N408-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	125 [a]	%	70-130
V2N408-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	107	%	70-130
V2N408-BS	127-18-4	Tetrachloroethene	BSP	REC	125 [c]	%	70-130
V2N408-BS	109-99-9	Tetrahydrofuran	BSP	REC	107	%	70-130
V2N408-BS	108-88-3	Toluene	BSP	REC	114	%	70-130
V2N408-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	115	%	70-130
V2N408-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	119	%	70-130
V2N408-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	112	%	70-130
V2N408-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	105	%	70-130
V2N408-BS	79-01-6	Trichloroethene	BSP	REC	128 [c]	%	70-130
V2N408-BS	75-69-4	Trichlorofluoromethane	BSP	REC	97	%	70-130
V2N408-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	109	%	70-130
V2N408-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	114	%	70-130
V2N408-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	116	%	70-130
V2N408-BS	75-01-4	Vinyl chloride	BSP	REC	113	%	70-130
V2N408-BS		m,p-Xylene	BSP	REC	114	%	70-130
V2N408-BS	95-47-6	o-Xylene	BSP	REC	114	%	70-130
V2N408-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	92	%	70-130
V2N408-BS	2037-26-5	Toluene-D8	BSP	SURR	97	%	70-130
V2N408-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	92	%	70-130
V2N408-MB	1868-53-7	Dibromofluoromethane	MB	SURR	94	%	70-130
V2N408-MB	2037-26-5	Toluene-D8	MB	SURR	95	%	70-130
V2N408-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	91	%	70-130
JD99501-5	1868-53-7	Dibromofluoromethane	SAMP	SURR	90	%	70-130

* Sample used for QC is not from job JD99501

QC Evaluation: CT RCP Limits

Job Number: JD99501
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 10/29/24 thru 10/30/24

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JD99501-5	2037-26-5	Toluene-D8	SAMP	SURR	96	%	70-130
JD99501-5	460-00-4	4-Bromofluorobenzene	SAMP	SURR	92	%	70-130

(a) Outside in house control limits, but meets RCP criteria.
(b) Outside of in house control limits, but within reasonable method recovery limits.
(c) Outside in house control limits.

* Sample used for QC is not from job JD99501

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2N407-MB	2N17107.D	1	11/04/24	ED	n/a	n/a	V2N407

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-1, JD99501-3, JD99501-4, JD99501-8, JD99501-10

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	10	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	

Method Blank Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2N407-MB	2N17107.D	1	11/04/24	ED	n/a	n/a	V2N407

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-1, JD99501-3, JD99501-4, JD99501-8, JD99501-10

CAS No.	Compound	Result	RL	Units	Q
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

Method Blank Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2N407-MB	2N17107.D	1	11/04/24	ED	n/a	n/a	V2N407

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-1, JD99501-3, JD99501-4, JD99501-8, JD99501-10

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	80-120%
17060-07-0	1,2-Dichloroethane-D4	99%	80-120%
2037-26-5	Toluene-D8	94%	80-120%
460-00-4	4-Bromofluorobenzene	93%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1N407-MB	1N17108.D	1	11/04/24	ED	n/a	n/a	V1N407

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-2, JD99501-7, JD99501-9, JD99501-11

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	10	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	

Method Blank Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1N407-MB	1N17108.D	1	11/04/24	ED	n/a	n/a	V1N407

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-2, JD99501-7, JD99501-9, JD99501-11

CAS No.	Compound	Result	RL	Units	Q
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

Method Blank Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1N407-MB	1N17108.D	1	11/04/24	ED	n/a	n/a	V1N407

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-2, JD99501-7, JD99501-9, JD99501-11

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	80-120%
17060-07-0	1,2-Dichloroethane-D4	101%	80-120%
2037-26-5	Toluene-D8	95%	80-120%
460-00-4	4-Bromofluorobenzene	93%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2N408-MB	2N17162.D	1	11/05/24	ED	n/a	n/a	V2N408

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-5

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	10	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	

Method Blank Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2N408-MB	2N17162.D	1	11/05/24	ED	n/a	n/a	V2N408

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-5

CAS No.	Compound	Result	RL	Units	Q
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	76.2	130	ug/l	J
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

Method Blank Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2N408-MB	2N17162.D	1	11/05/24	ED	n/a	n/a	V2N408

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-5

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	94%	80-120%
17060-07-0	1,2-Dichloroethane-D4	93%	80-120%
2037-26-5	Toluene-D8	95%	80-120%
460-00-4	4-Bromofluorobenzene	91%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1N408-MB	1N17163.D	1	11/05/24	ED	n/a	n/a	V1N408

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-6

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	10	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	

Method Blank Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1N408-MB	1N17163.D	1	11/05/24	ED	n/a	n/a	V1N408

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-6

CAS No.	Compound	Result	RL	Units	Q
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

Method Blank Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1N408-MB	1N17163.D	1	11/05/24	ED	n/a	n/a	V1N408

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-6

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	95%	80-120%
17060-07-0	1,2-Dichloroethane-D4	93%	80-120%
2037-26-5	Toluene-D8	95%	80-120%
460-00-4	4-Bromofluorobenzene	91%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1N407-BS	1N17104.D	1	11/04/24	ED	n/a	n/a	V1N407

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-2, JD99501-7, JD99501-9, JD99501-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	221	111	27-175
107-13-1	Acrylonitrile	50	67.9	136	59-144
71-43-2	Benzene	50	49.8	100	80-115
108-86-1	Bromobenzene	50	48.8	98	79-119
74-97-5	Bromochloromethane	50	53.7	107	83-122
75-27-4	Bromodichloromethane	50	47.9	96	82-119
75-25-2	Bromoform	50	51.7	103	77-135
74-83-9	Bromomethane	50	44.7	89	40-162
78-93-3	2-Butanone (MEK)	200	201	101	61-150
104-51-8	n-Butylbenzene	50	47.3	95	77-124
135-98-8	sec-Butylbenzene	50	47.6	95	75-121
98-06-6	tert-Butylbenzene	50	47.5	95	74-120
75-15-0	Carbon disulfide	50	47.6	95	64-130
56-23-5	Carbon tetrachloride	50	50.1	100	75-127
108-90-7	Chlorobenzene	50	48.1	96	80-115
75-00-3	Chloroethane	50	47.3	95	56-144
67-66-3	Chloroform	50	47.6	95	75-116
74-87-3	Chloromethane	50	59.9	120	41-153
95-49-8	o-Chlorotoluene	50	48.4	97	79-119
106-43-4	p-Chlorotoluene	50	46.3	93	77-117
96-12-8	1,2-Dibromo-3-chloropropane	50	50.1	100	69-134
124-48-1	Dibromochloromethane	50	51.2	102	81-123
106-93-4	1,2-Dibromoethane	50	49.8	100	67-138
95-50-1	1,2-Dichlorobenzene	50	49.9	100	81-117
541-73-1	1,3-Dichlorobenzene	50	49.9	100	81-115
106-46-7	1,4-Dichlorobenzene	50	48.9	98	80-114
110-57-6	trans-1,4-Dichloro-2-Butene	50	46.1	92	41-152
75-71-8	Dichlorodifluoromethane	50	43.5	87	43-152
75-34-3	1,1-Dichloroethane	50	53.3	107	75-125
107-06-2	1,2-Dichloroethane	50	48.7	97	73-117
75-35-4	1,1-Dichloroethene	50	51.6	103	70-124
156-59-2	cis-1,2-Dichloroethene	50	48.6	97	80-120
156-60-5	trans-1,2-Dichloroethene	50	55.2	110	77-121
78-87-5	1,2-Dichloropropane	50	52.9	106	79-121
142-28-9	1,3-Dichloropropane	50	47.6	95	81-117
594-20-7	2,2-Dichloropropane	50	48.1	96	70-131

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1N407-BS	1N17104.D	1	11/04/24	ED	n/a	n/a	V1N407

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-2, JD99501-7, JD99501-9, JD99501-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
563-58-6	1,1-Dichloropropene	50	49.8	100	77-122
10061-01-5	cis-1,3-Dichloropropene	50	50.6	101	83-123
10061-02-6	trans-1,3-Dichloropropene	50	50.7	101	83-122
123-91-1	1,4-Dioxane	1250	1320	106	64-150
60-29-7	Ethyl Ether	50	50.9	102	74-132
100-41-4	Ethylbenzene	50	44.3	89	78-116
76-13-1	Freon 113	50	51.6	103	68-134
87-68-3	Hexachlorobutadiene	50	47.3	95	55-136
591-78-6	2-Hexanone	200	230	115	66-136
98-82-8	Isopropylbenzene	50	47.5	95	78-121
99-87-6	p-Isopropyltoluene	50	49.3	99	78-121
1634-04-4	Methyl Tert Butyl Ether	50	50.8	102	76-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	237	119	73-134
74-95-3	Methylene bromide	50	46.9	94	82-117
75-09-2	Methylene chloride	50	47.4	95	73-123
91-20-3	Naphthalene	50	48.1	96	64-136
103-65-1	n-Propylbenzene	50	46.6	93	75-121
100-42-5	Styrene	50	49.8	100	81-125
994-05-8	tert-Amyl Methyl Ether	50	48.2	96	80-119
637-92-3	tert-Butyl Ethyl Ether	50	56.1	112	77-124
630-20-6	1,1,1,2-Tetrachloroethane	50	51.6	103	81-124
79-34-5	1,1,2,2-Tetrachloroethane	50	48.3	97	73-126
127-18-4	Tetrachloroethene	50	51.0	102	73-119
109-99-9	Tetrahydrofuran	50	49.4	99	63-133
108-88-3	Toluene	50	47.3	95	79-116
87-61-6	1,2,3-Trichlorobenzene	50	50.5	101	63-137
120-82-1	1,2,4-Trichlorobenzene	50	50.5	101	68-135
71-55-6	1,1,1-Trichloroethane	50	48.7	97	76-124
79-00-5	1,1,2-Trichloroethane	50	46.5	93	83-117
79-01-6	Trichloroethene	50	50.1	100	80-118
75-69-4	Trichlorofluoromethane	50	43.2	86	67-134
96-18-4	1,2,3-Trichloropropane	50	47.5	95	75-123
95-63-6	1,2,4-Trimethylbenzene	50	47.6	95	78-120
108-67-8	1,3,5-Trimethylbenzene	50	47.8	96	77-120
75-01-4	Vinyl chloride	50	52.0	104	52-146
	m,p-Xylene	100	95.3	95	79-119

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1N407-BS	1N17104.D	1	11/04/24	ED	n/a	n/a	V1N407

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-2, JD99501-7, JD99501-9, JD99501-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-47-6	o-Xylene	50	47.7	95	81-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	80-120%
17060-07-0	1,2-Dichloroethane-D4	97%	80-120%
2037-26-5	Toluene-D8	96%	80-120%
460-00-4	4-Bromofluorobenzene	93%	82-114%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2N407-BS	2N17105.D	1	11/04/24	ED	n/a	n/a	V2N407

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-1, JD99501-3, JD99501-4, JD99501-8, JD99501-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	195	98	27-175
107-13-1	Acrylonitrile	50	65.8	132	59-144
71-43-2	Benzene	50	52.2	104	80-115
108-86-1	Bromobenzene	50	51.3	103	79-119
74-97-5	Bromochloromethane	50	53.8	108	83-122
75-27-4	Bromodichloromethane	50	49.0	98	82-119
75-25-2	Bromoform	50	55.0	110	77-135
74-83-9	Bromomethane	50	52.3	105	40-162
78-93-3	2-Butanone (MEK)	200	204	102	61-150
104-51-8	n-Butylbenzene	50	51.7	103	77-124
135-98-8	sec-Butylbenzene	50	50.1	100	75-121
98-06-6	tert-Butylbenzene	50	51.2	102	74-120
75-15-0	Carbon disulfide	50	49.7	99	64-130
56-23-5	Carbon tetrachloride	50	55.6	111	75-127
108-90-7	Chlorobenzene	50	49.8	100	80-115
75-00-3	Chloroethane	50	50.2	100	56-144
67-66-3	Chloroform	50	49.5	99	75-116
74-87-3	Chloromethane	50	68.6	137	41-153
95-49-8	o-Chlorotoluene	50	51.0	102	79-119
106-43-4	p-Chlorotoluene	50	49.5	99	77-117
96-12-8	1,2-Dibromo-3-chloropropane	50	53.3	107	69-134
124-48-1	Dibromochloromethane	50	52.3	105	81-123
106-93-4	1,2-Dibromoethane	50	50.8	102	67-138
95-50-1	1,2-Dichlorobenzene	50	51.2	102	81-117
541-73-1	1,3-Dichlorobenzene	50	51.3	103	81-115
106-46-7	1,4-Dichlorobenzene	50	52.0	104	80-114
110-57-6	trans-1,4-Dichloro-2-Butene	50	42.9	86	41-152
75-71-8	Dichlorodifluoromethane	50	46.6	93	43-152
75-34-3	1,1-Dichloroethane	50	55.1	110	75-125
107-06-2	1,2-Dichloroethane	50	48.0	96	73-117
75-35-4	1,1-Dichloroethene	50	54.6	109	70-124
156-59-2	cis-1,2-Dichloroethene	50	50.5	101	80-120
156-60-5	trans-1,2-Dichloroethene	50	57.2	114	77-121
78-87-5	1,2-Dichloropropane	50	55.7	111	79-121
142-28-9	1,3-Dichloropropane	50	51.8	104	81-117
594-20-7	2,2-Dichloropropane	50	52.7	105	70-131

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2N407-BS	2N17105.D	1	11/04/24	ED	n/a	n/a	V2N407

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-1, JD99501-3, JD99501-4, JD99501-8, JD99501-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
563-58-6	1,1-Dichloropropene	50	55.8	112	77-122
10061-01-5	cis-1,3-Dichloropropene	50	52.2	104	83-123
10061-02-6	trans-1,3-Dichloropropene	50	52.3	105	83-122
123-91-1	1,4-Dioxane	1250	1160	93	64-150
60-29-7	Ethyl Ether	50	51.5	103	74-132
100-41-4	Ethylbenzene	50	49.3	99	78-116
76-13-1	Freon 113	50	53.5	107	68-134
87-68-3	Hexachlorobutadiene	50	52.3	105	55-136
591-78-6	2-Hexanone	200	226	113	66-136
98-82-8	Isopropylbenzene	50	51.4	103	78-121
99-87-6	p-Isopropyltoluene	50	52.2	104	78-121
1634-04-4	Methyl Tert Butyl Ether	50	53.2	106	76-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	231	116	73-134
74-95-3	Methylene bromide	50	47.3	95	82-117
75-09-2	Methylene chloride	50	48.1	96	73-123
91-20-3	Naphthalene	50	52.2	104	64-136
103-65-1	n-Propylbenzene	50	49.3	99	75-121
100-42-5	Styrene	50	52.3	105	81-125
994-05-8	tert-Amyl Methyl Ether	50	49.0	98	80-119
637-92-3	tert-Butyl Ethyl Ether	50	57.2	114	77-124
630-20-6	1,1,1,2-Tetrachloroethane	50	54.5	109	81-124
79-34-5	1,1,2,2-Tetrachloroethane	50	50.0	100	73-126
127-18-4	Tetrachloroethene	50	55.1	110	73-119
109-99-9	Tetrahydrofuran	50	53.5	107	63-133
108-88-3	Toluene	50	51.5	103	79-116
87-61-6	1,2,3-Trichlorobenzene	50	51.0	102	63-137
120-82-1	1,2,4-Trichlorobenzene	50	51.7	103	68-135
71-55-6	1,1,1-Trichloroethane	50	52.1	104	76-124
79-00-5	1,1,2-Trichloroethane	50	48.8	98	83-117
79-01-6	Trichloroethene	50	55.6	111	80-118
75-69-4	Trichlorofluoromethane	50	46.6	93	67-134
96-18-4	1,2,3-Trichloropropane	50	49.9	100	75-123
95-63-6	1,2,4-Trimethylbenzene	50	51.7	103	78-120
108-67-8	1,3,5-Trimethylbenzene	50	52.2	104	77-120
75-01-4	Vinyl chloride	50	54.7	109	52-146
	m,p-Xylene	100	101	101	79-119

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2N407-BS	2N17105.D	1	11/04/24	ED	n/a	n/a	V2N407

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-1, JD99501-3, JD99501-4, JD99501-8, JD99501-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-47-6	o-Xylene	50	50.7	101	81-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	80-120%
17060-07-0	1,2-Dichloroethane-D4	91%	80-120%
2037-26-5	Toluene-D8	97%	80-120%
460-00-4	4-Bromofluorobenzene	93%	82-114%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1N408-BS	1N17159.D	1	11/05/24	ED	n/a	n/a	V1N408

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	268	134 [a]	27-175
107-13-1	Acrylonitrile	50	67.2	134	59-144
71-43-2	Benzene	50	54.1	108	80-115
108-86-1	Bromobenzene	50	53.6	107	79-119
74-97-5	Bromochloromethane	50	57.5	115	83-122
75-27-4	Bromodichloromethane	50	51.0	102	82-119
75-25-2	Bromoform	50	57.7	115	77-135
74-83-9	Bromomethane	50	45.8	92	40-162
78-93-3	2-Butanone (MEK)	200	230	115	61-150
104-51-8	n-Butylbenzene	50	52.3	105	77-124
135-98-8	sec-Butylbenzene	50	51.1	102	75-121
98-06-6	tert-Butylbenzene	50	51.8	104	74-120
75-15-0	Carbon disulfide	50	50.2	100	64-130
56-23-5	Carbon tetrachloride	50	53.1	106	75-127
108-90-7	Chlorobenzene	50	53.4	107	80-115
75-00-3	Chloroethane	50	45.8	92	56-144
67-66-3	Chloroform	50	48.1	96	75-116
74-87-3	Chloromethane	50	61.5	123	41-153
95-49-8	o-Chlorotoluene	50	53.6	107	79-119
106-43-4	p-Chlorotoluene	50	50.3	101	77-117
96-12-8	1,2-Dibromo-3-chloropropane	50	55.4	111	69-134
124-48-1	Dibromochloromethane	50	56.4	113	81-123
106-93-4	1,2-Dibromoethane	50	54.7	109	67-138
95-50-1	1,2-Dichlorobenzene	50	54.4	109	81-117
541-73-1	1,3-Dichlorobenzene	50	53.8	108	81-115
106-46-7	1,4-Dichlorobenzene	50	52.8	106	80-114
110-57-6	trans-1,4-Dichloro-2-Butene	50	48.7	97	41-152
75-71-8	Dichlorodifluoromethane	50	49.6	99	43-152
75-34-3	1,1-Dichloroethane	50	55.6	111	75-125
107-06-2	1,2-Dichloroethane	50	51.0	102	73-117
75-35-4	1,1-Dichloroethene	50	54.0	108	70-124
156-59-2	cis-1,2-Dichloroethene	50	51.3	103	80-120
156-60-5	trans-1,2-Dichloroethene	50	59.3	119	77-121
78-87-5	1,2-Dichloropropane	50	56.5	113	79-121
142-28-9	1,3-Dichloropropane	50	52.2	104	81-117
594-20-7	2,2-Dichloropropane	50	51.6	103	70-131

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1N408-BS	1N17159.D	1	11/05/24	ED	n/a	n/a	V1N408

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
563-58-6	1,1-Dichloropropene	50	52.4	105	77-122
10061-01-5	cis-1,3-Dichloropropene	50	54.6	109	83-123
10061-02-6	trans-1,3-Dichloropropene	50	55.0	110	83-122
123-91-1	1,4-Dioxane	1250	1500	120	64-150
60-29-7	Ethyl Ether	50	52.8	106	74-132
100-41-4	Ethylbenzene	50	48.9	98	78-116
76-13-1	Freon 113	50	56.2	112	68-134
87-68-3	Hexachlorobutadiene	50	52.5	105	55-136
591-78-6	2-Hexanone	200	257	129	66-136
98-82-8	Isopropylbenzene	50	52.6	105	78-121
99-87-6	p-Isopropyltoluene	50	54.1	108	78-121
1634-04-4	Methyl Tert Butyl Ether	50	52.8	106	76-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	253	127	73-134
74-95-3	Methylene bromide	50	49.1	98	82-117
75-09-2	Methylene chloride	50	49.1	98	73-123
91-20-3	Naphthalene	50	53.7	107	64-136
103-65-1	n-Propylbenzene	50	50.4	101	75-121
100-42-5	Styrene	50	55.4	111	81-125
994-05-8	tert-Amyl Methyl Ether	50	52.5	105	80-119
637-92-3	tert-Butyl Ethyl Ether	50	58.2	116	77-124
630-20-6	1,1,1,2-Tetrachloroethane	50	56.9	114	81-124
79-34-5	1,1,2,2-Tetrachloroethane	50	52.1	104	73-126
127-18-4	Tetrachloroethene	50	57.6	115	73-119
109-99-9	Tetrahydrofuran	50	55.0	110	63-133
108-88-3	Toluene	50	52.0	104	79-116
87-61-6	1,2,3-Trichlorobenzene	50	55.9	112	63-137
120-82-1	1,2,4-Trichlorobenzene	50	55.0	110	68-135
71-55-6	1,1,1-Trichloroethane	50	51.7	103	76-124
79-00-5	1,1,2-Trichloroethane	50	50.3	101	83-117
79-01-6	Trichloroethene	50	55.4	111	80-118
75-69-4	Trichlorofluoromethane	50	43.9	88	67-134
96-18-4	1,2,3-Trichloropropane	50	50.7	101	75-123
95-63-6	1,2,4-Trimethylbenzene	50	52.4	105	78-120
108-67-8	1,3,5-Trimethylbenzene	50	51.6	103	77-120
75-01-4	Vinyl chloride	50	51.8	104	52-146
	m,p-Xylene	100	106	106	79-119

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1N408-BS	1N17159.D	1	11/05/24	ED	n/a	n/a	V1N408

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-47-6	o-Xylene	50	53.1	106	81-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	93%	80-120%
17060-07-0	1,2-Dichloroethane-D4	91%	80-120%
2037-26-5	Toluene-D8	96%	80-120%
460-00-4	4-Bromofluorobenzene	91%	82-114%

(a) Outside in house control limits, but meets RCP criteria.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2N408-BS	2N17160.D	1	11/05/24	ED	n/a	n/a	V2N408

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	199	100	27-175
107-13-1	Acrylonitrile	50	61.3	123	59-144
71-43-2	Benzene	50	57.4	115	80-115
108-86-1	Bromobenzene	50	56.4	113	79-119
74-97-5	Bromochloromethane	50	55.9	112	83-122
75-27-4	Bromodichloromethane	50	53.7	107	82-119
75-25-2	Bromoform	50	60.4	121	77-135
74-83-9	Bromomethane	50	48.2	96	40-162
78-93-3	2-Butanone (MEK)	200	214	107	61-150
104-51-8	n-Butylbenzene	50	57.6	115	77-124
135-98-8	sec-Butylbenzene	50	56.2	112	75-121
98-06-6	tert-Butylbenzene	50	57.8	116	74-120
75-15-0	Carbon disulfide	50	53.2	106	64-130
56-23-5	Carbon tetrachloride	50	59.9	120	75-127
108-90-7	Chlorobenzene	50	55.0	110	80-115
75-00-3	Chloroethane	50	49.6	99	56-144
67-66-3	Chloroform	50	50.0	100	75-116
74-87-3	Chloromethane	50	71.1	142	41-153
95-49-8	o-Chlorotoluene	50	56.6	113	79-119
106-43-4	p-Chlorotoluene	50	54.0	108	77-117
96-12-8	1,2-Dibromo-3-chloropropane	50	57.7	115	69-134
124-48-1	Dibromochloromethane	50	57.3	115	81-123
106-93-4	1,2-Dibromoethane	50	56.6	113	67-138
95-50-1	1,2-Dichlorobenzene	50	56.8	114	81-117
541-73-1	1,3-Dichlorobenzene	50	57.5	115	81-115
106-46-7	1,4-Dichlorobenzene	50	57.4	115* [a]	80-114
110-57-6	trans-1,4-Dichloro-2-Butene	50	41.1	82	41-152
75-71-8	Dichlorodifluoromethane	50	53.8	108	43-152
75-34-3	1,1-Dichloroethane	50	58.1	116	75-125
107-06-2	1,2-Dichloroethane	50	51.0	102	73-117
75-35-4	1,1-Dichloroethene	50	58.4	117	70-124
156-59-2	cis-1,2-Dichloroethene	50	54.3	109	80-120
156-60-5	trans-1,2-Dichloroethene	50	61.4	123* [b]	77-121
78-87-5	1,2-Dichloropropane	50	60.6	121	79-121
142-28-9	1,3-Dichloropropane	50	55.9	112	81-117
594-20-7	2,2-Dichloropropane	50	56.9	114	70-131

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2N408-BS	2N17160.D	1	11/05/24	ED	n/a	n/a	V2N408

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
563-58-6	1,1-Dichloropropene	50	59.2	118	77-122
10061-01-5	cis-1,3-Dichloropropene	50	56.5	113	83-123
10061-02-6	trans-1,3-Dichloropropene	50	55.8	112	83-122
123-91-1	1,4-Dioxane	1250	1140	91	64-150
60-29-7	Ethyl Ether	50	53.6	107	74-132
100-41-4	Ethylbenzene	50	54.6	109	78-116
76-13-1	Freon 113	50	60.0	120	68-134
87-68-3	Hexachlorobutadiene	50	60.4	121	55-136
591-78-6	2-Hexanone	200	245	123	66-136
98-82-8	Isopropylbenzene	50	57.3	115	78-121
99-87-6	p-Isopropyltoluene	50	58.7	117	78-121
1634-04-4	Methyl Tert Butyl Ether	50	55.4	111	76-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	247	124	73-134
74-95-3	Methylene bromide	50	51.0	102	82-117
75-09-2	Methylene chloride	50	50.4	101	73-123
91-20-3	Naphthalene	50	58.0	116	64-136
103-65-1	n-Propylbenzene	50	54.7	109	75-121
100-42-5	Styrene	50	58.4	117	81-125
994-05-8	tert-Amyl Methyl Ether	50	53.3	107	80-119
637-92-3	tert-Butyl Ethyl Ether	50	59.3	119	77-124
630-20-6	1,1,1,2-Tetrachloroethane	50	62.3	125* [b]	81-124
79-34-5	1,1,2,2-Tetrachloroethane	50	53.5	107	73-126
127-18-4	Tetrachloroethene	50	62.7	125* [c]	73-119
109-99-9	Tetrahydrofuran	50	53.3	107	63-133
108-88-3	Toluene	50	56.9	114	79-116
87-61-6	1,2,3-Trichlorobenzene	50	57.6	115	63-137
120-82-1	1,2,4-Trichlorobenzene	50	59.5	119	68-135
71-55-6	1,1,1-Trichloroethane	50	55.9	112	76-124
79-00-5	1,1,2-Trichloroethane	50	52.7	105	83-117
79-01-6	Trichloroethene	50	64.1	128* [c]	80-118
75-69-4	Trichlorofluoromethane	50	48.5	97	67-134
96-18-4	1,2,3-Trichloropropane	50	54.5	109	75-123
95-63-6	1,2,4-Trimethylbenzene	50	56.9	114	78-120
108-67-8	1,3,5-Trimethylbenzene	50	58.1	116	77-120
75-01-4	Vinyl chloride	50	56.6	113	52-146
	m,p-Xylene	100	114	114	79-119

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2N408-BS	2N17160.D	1	11/05/24	ED	n/a	n/a	V2N408

The QC reported here applies to the following samples: **Method:** SW846 8260D

JD99501-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-47-6	o-Xylene	50	57.0	114	81-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	92%	80-120%
17060-07-0	1,2-Dichloroethane-D4	87%	80-120%
2037-26-5	Toluene-D8	97%	80-120%
460-00-4	4-Bromofluorobenzene	92%	82-114%

(a) Outside of in house control limits, but within reasonable method recovery limits.
(b) Outside in house control limits, but meets RCP criteria.
(c) Outside in house control limits.

* = Outside of Control Limits.

Internal Standard Area Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V1N407-CC371	**Injection Date:**	11/04/24
Lab File ID:	1N17100.D	**Injection Time:**	08:18
Instrument ID:	GCMS1N	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	280643	2.74	459735	4.74	790124	5.12	655745	6.91	321891	8.09
Upper Limit [a]	561286	3.24	919470	5.24	1580248	5.62	1311490	7.41	643782	8.59
Lower Limit [b]	140322	2.24	229868	4.24	395062	4.62	327873	6.41	160946	7.59

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V1N407-BS	288580	2.74	451629	4.74	793540	5.12	672691	6.91	328427	8.09
V1N407-MB	242147	2.74	426252	4.74	778507	5.12	657728	6.91	322667	8.09
ZZZZZZ	285771	2.74	422445	4.74	759624	5.12	638840	6.91	314572	8.09
ZZZZZZ	257420	2.74	442466	4.74	784813	5.12	660893	6.91	326798	8.09
ZZZZZZ	257347	2.74	434191	4.74	789762	5.12	661133	6.91	324617	8.09
ZZZZZZ	261892	2.74	424990	4.74	766820	5.12	648716	6.91	319835	8.09
ZZZZZZ	246804	2.74	421022	4.74	755033	5.12	638321	6.91	311233	8.09
ZZZZZZ	222967	2.74	415975	4.74	748175	5.12	639549	6.91	315438	8.09
JD99501-2 [c]	265190	2.74	427352	4.74	766185	5.12	641707	6.91	314263	8.09
JD99491-1	250275	2.74	443353	4.74	774821	5.12	646735	6.91	313626	8.09
ZZZZZZ	272079	2.74	447069	4.74	781082	5.12	655452	6.91	323067	8.09
JD99491-1MS	270581	2.74	465972	4.74	796193	5.12	662586	6.91	320457	8.09
JD99491-1MSD	284836	2.74	471575	4.74	811315	5.12	674022	6.91	330085	8.09
ZZZZZZ	273876	2.74	471077	4.74	804935	5.12	671857	6.91	332185	8.09
ZZZZZZ	249254	2.74	442238	4.74	755304	5.12	623508	6.91	313339	8.09
JD99501-7 [c]	283171	2.74	458449	4.74	783481	5.12	656100	6.91	325310	8.09
JD99501-9 [c]	253077	2.74	462549	4.74	787047	5.12	648925	6.91	323898	8.09
JD99501-11 [c]	260272	2.74	462294	4.74	786135	5.12	654003	6.91	319906	8.09
ZZZZZZ	242730	2.74	468856	4.74	800781	5.12	653839	6.91	325225	8.09

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.

Internal Standard Area Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V1N408-CC371	**Injection Date:**	11/05/24
Lab File ID:	1N17155.D	**Injection Time:**	08:18
Instrument ID:	GCMS1N	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	301420	2.73	476372	4.73	812173	5.11	661100	6.91	321105	8.09
Upper Limit [a]	602840	3.23	952744	5.23	1624346	5.61	1322200	7.41	642210	8.59
Lower Limit [b]	150710	2.23	238186	4.23	406087	4.61	330550	6.41	160553	7.59
Lab Sample ID	**IS 1 AREA**	**RT**	**IS 2 AREA**	**RT**	**IS 3 AREA**	**RT**	**IS 4 AREA**	**RT**	**IS 5 AREA**	**RT**
V1N408-BS	315160	2.74	478331	4.74	810575	5.12	677506	6.91	336724	8.09
V1N408-MB	250557	2.74	463335	4.74	801568	5.12	669410	6.91	329105	8.09
ZZZZZZ	296822	2.74	476203	4.74	800682	5.12	663227	6.91	332492	8.09
JD99501-6 [c]	267790	2.74	476983	4.74	815856	5.12	672144	6.91	326078	8.09
ZZZZZZ	261525	2.74	464525	4.74	807341	5.12	666200	6.91	329403	8.09
ZZZZZZ	245106	2.74	460185	4.74	801026	5.12	652228	6.92	319502	8.09
ZZZZZZ	241348	2.73	464719	4.74	799553	5.12	666202	6.91	325239	8.09
JD99494-3	244545	2.74	458266	4.74	790275	5.12	664268	6.91	321177	8.09
ZZZZZZ	262981	2.74	451007	4.74	779877	5.12	647263	6.91	315947	8.09
ZZZZZZ	267715	2.74	441431	4.74	778194	5.12	646725	6.91	316682	8.09
ZZZZZZ	242681	2.74	442429	4.74	769181	5.12	647655	6.91	314962	8.09
ZZZZZZ	257778	2.74	447925	4.74	779028	5.12	649548	6.91	319526	8.09
JD99494-3MS	263402	2.74	446607	4.74	757550	5.12	630604	6.91	316654	8.09
JD99494-3MSD	265182	2.74	458352	4.74	769244	5.12	635256	6.91	315934	8.09
ZZZZZZ	281587	2.74	472119	4.74	816257	5.12	683449	6.91	342821	8.09
ZZZZZZ	248069	2.74	473416	4.74	814115	5.12	690050	6.91	334081	8.09
ZZZZZZ	267755	2.74	457507	4.74	795385	5.12	665386	6.91	331732	8.09
ZZZZZZ	255742	2.74	443440	4.74	764288	5.12	634718	6.91	315388	8.09
ZZZZZZ	286747	2.74	466801	4.74	798844	5.12	681496	6.91	335299	8.09
ZZZZZZ	285533	2.74	446938	4.74	789672	5.12	661506	6.91	329555	8.09

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Dilution required due to high concentration of target compound.

Internal Standard Area Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V2N407-CC371	**Injection Date:**	11/04/24
Lab File ID:	2N17101.D	**Injection Time:**	08:31
Instrument ID:	GCMS2N	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	295329	2.75	436223	4.75	763787	5.12	645492	6.91	333239	8.09
Upper Limit [a]	590658	3.25	872446	5.25	1527574	5.62	1290984	7.41	666478	8.59
Lower Limit [b]	147665	2.25	218112	4.25	381894	4.62	322746	6.41	166620	7.59
Lab Sample ID	**IS 1 AREA**	**RT**	**IS 2 AREA**	**RT**	**IS 3 AREA**	**RT**	**IS 4 AREA**	**RT**	**IS 5 AREA**	**RT**
V2N407-BS	300287	2.75	435500	4.74	787659	5.12	655941	6.91	337037	8.09
V2N407-MB	231649	2.75	415804	4.75	758961	5.12	659179	6.92	340053	8.09
ZZZZZZ	275523	2.75	403829	4.74	741515	5.12	619932	6.92	325238	8.09
ZZZZZZ	287127	2.75	417898	4.75	757358	5.12	642566	6.92	335899	8.09
ZZZZZZ	224375	2.75	415903	4.74	763661	5.12	652129	6.91	341694	8.09
ZZZZZZ	228140	2.75	395384	4.74	714082	5.12	609870	6.91	321633	8.09
ZZZZZZ	244628	2.76	408152	4.75	733042	5.12	635500	6.92	331326	8.09
ZZZZZZ	265265	2.76	385280	4.75	707802	5.12	607980	6.92	326572	8.09
JD99501-1 [c]	262906	2.75	412306	4.74	748944	5.12	645301	6.91	340255	8.09
JD99501-3 [c]	249835	2.75	399831	4.75	716474	5.12	611793	6.92	320006	8.09
JD99491-2	293303	2.75	436854	4.75	767865	5.12	658166	6.91	343951	8.09
ZZZZZZ	266416	2.75	428528	4.75	754849	5.12	646543	6.91	342827	8.09
ZZZZZZ	288004	2.75	433455	4.74	773485	5.12	643603	6.91	339191	8.09
JD99491-2MS	313107	2.75	459512	4.75	799208	5.12	665000	6.91	344003	8.09
JD99491-2MSD	324762	2.75	467036	4.75	805394	5.12	673536	6.91	351161	8.09
ZZZZZZ	251227	2.75	441493	4.75	756694	5.12	643469	6.91	339040	8.09
JD99501-4 [c]	257134	2.75	429590	4.74	750946	5.12	638847	6.91	340318	8.09
JD99501-8 [c]	291228	2.75	453223	4.74	796580	5.12	657472	6.91	335087	8.09
JD99501-10 [c]	270404	2.75	444313	4.74	757141	5.12	649639	6.91	346714	8.09
ZZZZZZ	263438	2.75	442253	4.74	764465	5.12	656415	6.91	344412	8.09
ZZZZZZ	283987	2.75	457328	4.74	781630	5.12	674910	6.91	354004	8.09

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.

Internal Standard Area Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V2N408-CC371	**Injection Date:**	11/05/24
Lab File ID:	2N17156.D	**Injection Time:**	08:32
Instrument ID:	GCMS2N	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	274331	2.75	473717	4.75	818142	5.12	688494	6.91	364989	8.09
Upper Limit [a]	548662	3.25	947434	5.25	1636284	5.62	1376988	7.41	729978	8.59
Lower Limit [b]	137166	2.25	236859	4.25	409071	4.62	344247	6.41	182495	7.59
Lab Sample ID	**IS 1 AREA**	**RT**	**IS 2 AREA**	**RT**	**IS 3 AREA**	**RT**	**IS 4 AREA**	**RT**	**IS 5 AREA**	**RT**
V2N408-BS	276894	2.76	456355	4.75	796461	5.12	660455	6.91	341688	8.09
V2N408-MB	228247	2.75	441574	4.75	763663	5.12	648094	6.92	339897	8.09
ZZZZZZ	251605	2.75	436928	4.75	752178	5.12	628899	6.92	330790	8.09
JD99501-5 [c]	313480	2.76	461653	4.75	798382	5.12	678730	6.91	343285	8.09
ZZZZZZ	274426	2.74	446989	4.74	783145	5.12	664535	6.91	355426	8.09
ZZZZZZ	272513	2.75	446878	4.75	789786	5.12	671293	6.92	355794	8.09
JD99494-6	233503	2.75	434473	4.75	753021	5.12	652100	6.92	342042	8.09
ZZZZZZ	276725	2.75	437381	4.75	760649	5.12	651466	6.92	347059	8.09
ZZZZZZ	248004	2.75	428530	4.75	757025	5.12	647995	6.91	338957	8.09
ZZZZZZ	257016	2.75	416943	4.75	719866	5.12	623059	6.92	324011	8.09
ZZZZZZ	253281	2.75	421188	4.75	734771	5.12	628037	6.92	331593	8.09
JD99494-6MS	314749	2.75	444396	4.74	774325	5.12	640368	6.92	335233	8.09
JD99494-6MSD	319075	2.75	448820	4.75	775349	5.12	642235	6.92	333289	8.09
ZZZZZZ	269697	2.75	453038	4.75	774288	5.12	658666	6.91	353349	8.09
ZZZZZZ	260008	2.75	435219	4.75	754115	5.12	649414	6.92	344003	8.09
ZZZZZZ	258552	2.75	440545	4.75	766804	5.12	648768	6.92	339029	8.09
ZZZZZZ	273869	2.75	422764	4.75	756005	5.12	636214	6.92	333065	8.09
ZZZZZZ	248227	2.75	420401	4.75	724160	5.12	622749	6.92	323014	8.09

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Dilution required due to high concentration of target compound.

Surrogate Recovery Summary

Job Number: JD99501
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Method: SW846 8260D **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JD99501-1	2N17121.D	103	98	95	91
JD99501-2	1N17122.D	100	99	96	92
JD99501-3	2N17123.D	100	97	95	93
JD99501-4	2N17139.D	95	96	94	90
JD99501-5	2N17166.D	90	93	96	92
JD99501-6	1N17167.D	91	91	97	93
JD99501-7	1N17140.D	92	95	96	92
JD99501-8	2N17141.D	89	92	97	95
JD99501-9	1N17142.D	91	93	95	91
JD99501-10	2N17143.D	95	97	94	91
JD99501-11	1N17144.D	89	93	96	94
V1N407-BS	1N17104.D	97	97	96	93
V1N407-MB	1N17108.D	103	101	95	93
V1N408-BS	1N17159.D	93	91	96	91
V1N408-MB	1N17163.D	95	93	95	91
V2N407-BS	2N17105.D	97	91	97	93
V2N407-MB	2N17107.D	103	99	94	93
V2N408-BS	2N17160.D	92	87	97	92
V2N408-MB	2N17162.D	94	93	95	91

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-120%
S2 = 1,2-Dichloroethane-D4	80-120%
S3 = Toluene-D8	80-120%
S4 = 4-Bromofluorobenzene	82-114%

Metals Analysis

QC Data Summaries

7

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD99501
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP50506
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 11/06/24

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	9.2	150		
Antimony	6.0	2.8	4.7		
Arsenic	3.0	2.6	2.8		
Barium	200	.2	13		
Beryllium	1.0	.2	.5		
Bismuth	20	2.5	8.6		
Boron	100	1.8	10		
Cadmium	3.0	.4	1		
Calcium	5000	13	99		
Cerium	100				
Chromium	10	.7	2		
Cobalt	50	.6	2.6		
Copper	10	.7	5.9		
Iron	100	3.3	32		
Lead	3.0	2	1.8	-0.50	<3.0
Lithium	50	1.5	7.3		
Magnesium	5000	25	140		
Manganese	15	.1	1.4		
Molybdenum	20	.6	3.6		
Nickel	10	.8	1.7		
Phosphorus	50	7	18		
Potassium	10000	35	200		
Selenium	10	3.6	4.9		
Silicon	200	2.2	32		
Silver	10	.6	6.1		
Sodium	10000	14	570		
Strontium	10	.1	2.7		
Sulfur	50	3.7	45		
Thallium	10	5.2	1.8		
Tin	10	1.4	3.7		
Titanium	10	.8	2.5		
Tungsten	50	1.3	40		
Vanadium	50	.5	1.8		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JD99501
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP50506 Methods: SW846 6010D
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 11/06/24

Metal	RL	IDL	MDL	MB raw	final
Zinc	20	.3	6.9		
Zirconium	10	.5	4.1		

Associated samples MP50506: JD99501-2, JD99501-3, JD99501-4, JD99501-5, JD99501-6, JD99501-7, JD99501-8, JD99501-9, JD99501-10, JD99501-11

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD99501
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP50506
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 11/06/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Bismuth				
Boron				
Cadmium				
Calcium	anr			
Cerium				
Chromium				
Cobalt				
Copper				
Iron	anr			
Lead	1960	2000	98.0	80-120
Lithium				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JD99501
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP50506
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 11/06/24

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zinc				
Zirconium				

Associated samples MP50506: JD99501-2, JD99501-3, JD99501-4, JD99501-5, JD99501-6, JD99501-7, JD99501-8, JD99501-9, JD99501-10, JD99501-11

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD99501
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP50506
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date:			11/06/24				11/06/24	
Metal	JD99359-9 Original	SDL 1:5	%DIF	QC Limits	JD99359-9F Original	SDL 1:5	%DIF	QC Limits
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Bismuth								
Boron								
Cadmium								
Calcium	anr							
Cerium								
Chromium								
Cobalt								
Copper								
Iron	anr							
Lead	0.00	0.00	NC	0-10	0.00	0.00	NC	0-10
Lithium								
Magnesium	anr							
Manganese	anr							
Molybdenum								
Nickel								
Phosphorus								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Sulfur								
Thallium								
Tin								
Titanium								
Tungsten								
Vanadium								

SERIAL DILUTION RESULTS SUMMARY

Login Number: JD99501
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP50506
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 11/06/24 11/06/24

Metal	JD99359-9 Original SDL 1:5	%DIF	QC Limits	JD99359-9F Original SDL 1:5	%DIF	QC Limits
Zinc						
Zirconium						

Associated samples MP50506: JD99501-2, JD99501-3, JD99501-4, JD99501-5, JD99501-6, JD99501-7, JD99501-8, JD99501-9, JD99501-10, JD99501-11

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SGS

Dayton, NJ

04/03/25

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Groundwater & Environmental Services

Eversource, Berlin, CT

1503724-53-880-1115

SGS Job Number: JE8068

Sampling Dates: 03/19/25 - 03/20/25



Report to:

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Total number of pages in report: **140**

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Olga Azarian
Technical Director

Client Service contact: Marie Meidhof 732-329-0200
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Sections: 1 2 3 4 5 6 7

Table of Contents

-1-

Section 1: Sample Summary 3
Section 2: Case Narrative/Conformance Summary 5
Section 3: Summary of Hits 8
Section 4: Sample Results 11
4.1: JE8068-1: TRIP BLANK 12
4.2: JE8068-2: MW-1 15
4.3: JE8068-3: MW-2A 19
4.4: JE8068-4: MW-3A 23
4.5: JE8068-5: MW-4A 27
4.6: JE8068-6: MW-5 31
4.7: JE8068-7: MW-6B 35
4.8: JE8068-8: MW-7 39
4.9: JE8068-9: MW-8 42
4.10: JE8068-10: MW-13A 46
4.11: JE8068-11: MW-14B 50
4.12: JE8068-12: MW-17 54
4.13: JE8068-13: DUPLICATE MW-3A DUP 58
Section 5: Misc. Forms 62
5.1: Chain of Custody 63
5.2: RCP Form 65
5.3: Sample Tracking Chronicle 66
5.4: QC Evaluation: CT RCP Limits 68
Section 6: MS Volatiles - QC Data Summaries 89
6.1: Method Blank Summary 90
6.2: Blank Spike Summary 105
6.3: Matrix Spike/Matrix Spike Duplicate Summary 120
6.4: Internal Standard Area Summaries 126
6.5: Surrogate Recovery Summaries 133
Section 7: Metals Analysis - QC Data Summaries 134
7.1: Prep QC MP53428: Pb 135

SGS North America Inc.

Sample Summary

Groundwater & Environmental Services

Job No: JE8068

Eversource, Berlin, CT
Project No: 1503724-53-880-1115

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND	= Not detected above the RL						
JE8068-1	03/20/25	12:50	JK	03/24/25	AQ	Trip Blank Water	TRIP BLANK
JE8068-2	03/19/25	11:35	DC	03/24/25	AQ	Ground Water	MW-1
JE8068-3	03/19/25	08:55	DC	03/24/25	AQ	Ground Water	MW-2A
JE8068-4	03/20/25	08:05	JK	03/24/25	AQ	Ground Water	MW-3A
JE8068-5	03/19/25	13:15	JK	03/24/25	AQ	Ground Water	MW-4A
JE8068-6	03/19/25	09:50	DC	03/24/25	AQ	Ground Water	MW-5
JE8068-7	03/20/25	12:50	JK	03/24/25	AQ	Ground Water	MW-6B
JE8068-8	03/19/25	10:50	JK	03/24/25	AQ	Ground Water	MW-7
JE8068-9	03/20/25	10:55	JK	03/24/25	AQ	Ground Water	MW-8
JE8068-10	03/19/25	10:25	JK	03/24/25	AQ	Ground Water	MW-13A
JE8068-11	03/19/25	12:05	JK	03/24/25	AQ	Ground Water	MW-14B
JE8068-12	03/20/25	09:35	JK	03/24/25	AQ	Ground Water	MW-17

SGS North America Inc.

Sample Summary
(continued)

Groundwater & Environmental Services

Job No: JE8068

Eversource, Berlin, CT
Project No: 1503724-53-880-1115

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JE8068-13	03/20/25	08:10	JK	03/24/25	AQ	Ground Water	DUPLICATE MW-3A DUP

CASE NARRATIVE / CONFORMANCE SUMMARY

2

Client: Groundwater & Environmental Services **Job No:** JE8068

Site: Eversource, Berlin, CT **Report Date** 4/3/2025 3:26:15 PM

On 03/24/2025, 12 sample(s), 1 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 0.8 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JE8068 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V1S358

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- JE8068-12: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Dilution required due to high concentration of target compound.
- JE8068-10: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JE8068-12 for Acetone: Response factor for this compound is below 0.05 in the continuing calibration.
- JE8068-12 for Acrylonitrile: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE8068-10 for Acetone: Response factor for this compound is below 0.05 in the continuing calibration.
- JE8068-10 for Acrylonitrile: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

Matrix: AQ **Batch ID:** V2S358

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- JE8068-7: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JE8068-7 for Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Response factor for this compound is below 0.05 in the continuing calibration.
- JE8068-7 for Acrylonitrile: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

Matrix: AQ **Batch ID:** V2X9034

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- JE8068-1: Results reported from the HCl preserved sample. The reported result for acrolein and acrylonitrile are for screening only and cannot be used for compliance purposes.
- JE8068-1 for Chloromethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. This compound is outside the RCP limits in the associated BS biased low.
- JE8068-1 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

Matrix: AQ **Batch ID:** V4A403

- All samples were analyzed within the recommended method holding time.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V4A403

- All method blanks for this batch meet method specific criteria.
- Sample(s) JE8068-7MS, JE8068-7MSD were used as the QC samples indicated.
- JE8068-13: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JE8068-2: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JE8068-4: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JE8068-6: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JE8068-13 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE8068-4 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE8068-6 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE8068-2 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

Matrix: AQ **Batch ID:** V5A403

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE8068-9MS, JE8068-9MSD were used as the QC samples indicated.
- JE8068-12: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JE8068-11: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JE8068-3: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JE8068-5: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JE8068-8: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
- JE8068-9: Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Dilution required due to high concentration of target compound.
- JE8068-9 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE8068-3 for Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.
- JE8068-3 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE8068-5 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE8068-8 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE8068-11 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

Metals Analysis By Method SW846 6010D

Matrix: AQ **Batch ID:** MP53428

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE8071-1SDL were used as the QC samples for the metals analysis.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE8068-1	**TRIP BLANK**					
No hits reported in this sample.						
JE8068-2	**MW-1**					
No hits reported in this sample.						
JE8068-3	**MW-2A**					
Ethylbenzene [a]		2.5	1.0		ug/l	SW846 8260D
Toluene [a]		1.1	1.0		ug/l	SW846 8260D
1,2,4-Trimethylbenzene [a]		5.2	2.0		ug/l	SW846 8260D
1,3,5-Trimethylbenzene [a]		2.0	2.0		ug/l	SW846 8260D
m,p-Xylene [a]		11.1	1.0		ug/l	SW846 8260D
o-Xylene [a]		7.7	1.0		ug/l	SW846 8260D
Lead		4.6	3.0		ug/l	SW846 6010D
JE8068-4	**MW-3A**					
No hits reported in this sample.						
JE8068-5	**MW-4A**					
No hits reported in this sample.						
JE8068-6	**MW-5**					
Benzene [a]		6.6	0.50		ug/l	SW846 8260D
Ethylbenzene [a]		39.2	1.0		ug/l	SW846 8260D
Isopropylbenzene [a]		5.0	1.0		ug/l	SW846 8260D
n-Propylbenzene [a]		7.6	2.0		ug/l	SW846 8260D
Toluene [a]		7.2	1.0		ug/l	SW846 8260D
1,2,4-Trimethylbenzene [a]		28.7	2.0		ug/l	SW846 8260D
m,p-Xylene [a]		7.8	1.0		ug/l	SW846 8260D
o-Xylene [a]		12.8	1.0		ug/l	SW846 8260D
JE8068-7	**MW-6B**					
2-Butanone (MEK) [a]		21.1	10		ug/l	SW846 8260D
n-Butylbenzene [a]		2.6	2.0		ug/l	SW846 8260D
Ethylbenzene [a]		46.0	1.0		ug/l	SW846 8260D
Isopropylbenzene [a]		6.1	1.0		ug/l	SW846 8260D
Naphthalene [a]		15.4	5.0		ug/l	SW846 8260D
n-Propylbenzene [a]		18.0	2.0		ug/l	SW846 8260D

Summary of Hits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
1,2,4-Trimethylbenzene [a]		130	2.0		ug/l	SW846 8260D
1,3,5-Trimethylbenzene [a]		46.1	2.0		ug/l	SW846 8260D
m,p-Xylene [a]		57.0	1.0		ug/l	SW846 8260D
o-Xylene [a]		2.2	1.0		ug/l	SW846 8260D
Lead		3.0	3.0		ug/l	SW846 6010D
JE8068-8	**MW-7**					
Benzene [a]		0.74	0.50		ug/l	SW846 8260D
Ethylbenzene [a]		1.8	1.0		ug/l	SW846 8260D
JE8068-9	**MW-8**					
Benzene [b]		72.2	5.0		ug/l	SW846 8260D
Ethylbenzene [b]		682	10		ug/l	SW846 8260D
Isopropylbenzene [b]		35.3	10		ug/l	SW846 8260D
Naphthalene [b]		295	50		ug/l	SW846 8260D
n-Propylbenzene [b]		71.1	20		ug/l	SW846 8260D
Toluene [b]		451	10		ug/l	SW846 8260D
1,2,4-Trimethylbenzene [b]		1030	20		ug/l	SW846 8260D
1,3,5-Trimethylbenzene [b]		175	20		ug/l	SW846 8260D
m,p-Xylene [b]		2960	10		ug/l	SW846 8260D
o-Xylene [b]		961	10		ug/l	SW846 8260D
JE8068-10	**MW-13A**					
n-Butylbenzene [a]		3.1	2.0		ug/l	SW846 8260D
sec-Butylbenzene [a]		4.1	2.0		ug/l	SW846 8260D
1,1-Dichloroethane [a]		1.1	1.0		ug/l	SW846 8260D
Isopropylbenzene [a]		3.6	1.0		ug/l	SW846 8260D
n-Propylbenzene [a]		14.3	2.0		ug/l	SW846 8260D
1,2,4-Trimethylbenzene [a]		9.9	2.0		ug/l	SW846 8260D
1,3,5-Trimethylbenzene [a]		9.5	2.0		ug/l	SW846 8260D
JE8068-11	**MW-14B**					
Lead		3.5	3.0		ug/l	SW846 6010D
JE8068-12	**MW-17**					
Benzene [b]		299	1.3		ug/l	SW846 8260D
2-Butanone (MEK) [b]		55.5	25		ug/l	SW846 8260D
n-Butylbenzene [b]		14.1	5.0		ug/l	SW846 8260D
sec-Butylbenzene [b]		8.1	5.0		ug/l	SW846 8260D
tert-Butylbenzene [b]		5.8	5.0		ug/l	SW846 8260D

Summary of Hits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Ethylbenzene [a]		988	10		ug/l	SW846 8260D
Isopropylbenzene [b]		68.9	2.5		ug/l	SW846 8260D
Naphthalene [b]		254	13		ug/l	SW846 8260D
n-Propylbenzene [b]		185	5.0		ug/l	SW846 8260D
Toluene [b]		161	2.5		ug/l	SW846 8260D
1,2,4-Trimethylbenzene [a]		998	20		ug/l	SW846 8260D
1,3,5-Trimethylbenzene [b]		335	5.0		ug/l	SW846 8260D
m,p-Xylene [a]		1310	10		ug/l	SW846 8260D
o-Xylene [a]		879	10		ug/l	SW846 8260D
Lead		3.8	3.0		ug/l	SW846 6010D

JE8068-13 **DUPLICATE MW-3A DUP**

No hits reported in this sample.

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Dilution required due to high concentration of target compound.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JE8068-1	**Date Sampled:**	03/20/25
Matrix:	AQ - Trip Blank Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2X213636.D	1	03/31/25 13:51	ED	n/a	n/a	V2X9034
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	10	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane [b]	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane [c]	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane [b]	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JE8068-1	**Date Sampled:**	03/20/25
Matrix:	AQ - Trip Blank Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

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4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane [b]	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride [b]	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JE8068-1	**Date Sampled:**	03/20/25
Matrix:	AQ - Trip Blank Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-120%
17060-07-0	1,2-Dichloroethane-D4	102%		80-120%
2037-26-5	Toluene-D8	105%		80-120%
460-00-4	4-Bromofluorobenzene	104%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrolein and acrylonitrile are for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(c) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. This compound is outside the RCP limits in the associated BS biased low.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JE8068-2	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	4A14439.D	1	03/25/25 19:58	ED	n/a	n/a	V4A403
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane [b]	ND	1.0	ug/l	
75-25-2	Bromoform [b]	ND	1.0	ug/l	
74-83-9	Bromomethane [b]	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene [b]	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JE8068-2	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone [b]	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [b]	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran [b]	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JE8068-2	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		80-120%
17060-07-0	1,2-Dichloroethane-D4	104%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JE8068-2	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	03/26/25	03/26/25	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA58165
(2) Prep QC Batch: MP53428

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-2A		
Lab Sample ID:	JE8068-3	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	5A14440.D	1	03/25/25 20:16	ED	n/a	n/a	V5A403
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	10	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform [c]	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [c]	ND	2.0	ug/l	
124-48-1	Dibromochloromethane [c]	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene [c]	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-2A		
Lab Sample ID:	JE8068-3	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	2.5	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone [c]	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	1.1	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	5.2	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	2.0	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	11.1	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-2A		
Lab Sample ID:	JE8068-3	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	7.7	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		80-120%
17060-07-0	1,2-Dichloroethane-D4	105%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	101%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.
(c) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-2A		
Lab Sample ID:	JE8068-3	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	4.6	3.0	ug/l	1	03/26/25	03/26/25	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA58165
(2) Prep QC Batch: MP53428

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-3A		
Lab Sample ID:	JE8068-4	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	4A14441.D	1	03/25/25 20:34	ED	n/a	n/a	V4A403
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane [b]	ND	1.0	ug/l	
75-25-2	Bromoform [b]	ND	1.0	ug/l	
74-83-9	Bromomethane [b]	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene [b]	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-3A		
Lab Sample ID:	JE8068-4	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone [b]	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [b]	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran [b]	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-3A		
Lab Sample ID:	JE8068-4	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		80-120%
17060-07-0	1,2-Dichloroethane-D4	102%		80-120%
2037-26-5	Toluene-D8	103%		80-120%
460-00-4	4-Bromofluorobenzene	103%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-3A		
Lab Sample ID:	JE8068-4	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	03/26/25	03/26/25	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA58165
(2) Prep QC Batch: MP53428

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-4A		
Lab Sample ID:	JE8068-5	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	5A14442.D	1	03/25/25 20:51	ED	n/a	n/a	V5A403
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform [b]	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	2.0	ug/l	
124-48-1	Dibromochloromethane [b]	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene [b]	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-4A		
Lab Sample ID:	JE8068-5	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone [b]	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-4A		
Lab Sample ID:	JE8068-5	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		80-120%
17060-07-0	1,2-Dichloroethane-D4	105%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	102%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-4A		
Lab Sample ID:	JE8068-5	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	03/26/25	03/26/25	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA58165
(2) Prep QC Batch: MP53428

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	JE8068-6	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	4A14443.D	1	03/25/25 21:09	ED	n/a	n/a	V4A403
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	6.6	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane [b]	ND	1.0	ug/l	
75-25-2	Bromoform [b]	ND	1.0	ug/l	
74-83-9	Bromomethane [b]	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene [b]	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	JE8068-6	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	39.2	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone [b]	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	5.0	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [b]	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	7.6	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran [b]	ND	10	ug/l	
108-88-3	Toluene	7.2	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	28.7	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	7.8	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	JE8068-6	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	12.8	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		80-120%
17060-07-0	1,2-Dichloroethane-D4	103%		80-120%
2037-26-5	Toluene-D8	104%		80-120%
460-00-4	4-Bromofluorobenzene	102%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	JE8068-6	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	03/26/25	03/26/25	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA58165
(2) Prep QC Batch: MP53428

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-6B		
Lab Sample ID:	JE8068-7	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2S013514.D	1	03/27/25 14:27	ED	n/a	n/a	V2S358
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	10	ug/l	
107-13-1	Acrylonitrile [c]	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	21.1	10	ug/l	
104-51-8	n-Butylbenzene	2.6	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene [c]	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-6B		
Lab Sample ID:	JE8068-7	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	46.0	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	6.1	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	15.4	5.0	ug/l	
103-65-1	n-Propylbenzene	18.0	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran [c]	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	130	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	46.1	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	57.0	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-6B		
Lab Sample ID:	JE8068-7	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	2.2	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		80-120%
17060-07-0	1,2-Dichloroethane-D4	95%		80-120%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	104%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Response factor for this compound is below 0.05 in the continuing calibration.
(c) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-6B		
Lab Sample ID:	JE8068-7	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

4.7
4

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	3.0	3.0	ug/l	1	03/26/25	03/26/25	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA58165
(2) Prep QC Batch: MP53428

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-7		
Lab Sample ID:	JE8068-8	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	5A14444.D	1	03/25/25 21:27	ED	n/a	n/a	V5A403
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	0.74	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform [b]	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	2.0	ug/l	
124-48-1	Dibromochloromethane [b]	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene [b]	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-7		
Lab Sample ID:	JE8068-8	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	1.8	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone [b]	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-7		
Lab Sample ID:	JE8068-8	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		80-120%
17060-07-0	1,2-Dichloroethane-D4	107%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	101%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	JE8068-9	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	5A14434.D	10	03/25/25 18:29	ED	n/a	n/a	V5A403
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	100	ug/l	
107-13-1	Acrylonitrile	ND	50	ug/l	
71-43-2	Benzene	72.2	5.0	ug/l	
108-86-1	Bromobenzene	ND	10	ug/l	
74-97-5	Bromochloromethane	ND	10	ug/l	
75-27-4	Bromodichloromethane	ND	10	ug/l	
75-25-2	Bromoform [b]	ND	10	ug/l	
74-83-9	Bromomethane	ND	20	ug/l	
78-93-3	2-Butanone (MEK)	ND	100	ug/l	
104-51-8	n-Butylbenzene	ND	20	ug/l	
135-98-8	sec-Butylbenzene	ND	20	ug/l	
98-06-6	tert-Butylbenzene	ND	20	ug/l	
75-15-0	Carbon disulfide	ND	20	ug/l	
56-23-5	Carbon tetrachloride	ND	10	ug/l	
108-90-7	Chlorobenzene	ND	10	ug/l	
75-00-3	Chloroethane	ND	10	ug/l	
67-66-3	Chloroform	ND	10	ug/l	
74-87-3	Chloromethane	ND	10	ug/l	
95-49-8	o-Chlorotoluene	ND	20	ug/l	
106-43-4	p-Chlorotoluene	ND	20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	20	ug/l	
124-48-1	Dibromochloromethane [b]	ND	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	10	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	10	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	10	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	10	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene [b]	ND	50	ug/l	
75-71-8	Dichlorodifluoromethane	ND	20	ug/l	
75-34-3	1,1-Dichloroethane	ND	10	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	ug/l	
75-35-4	1,1-Dichloroethene	ND	10	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	10	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	JE8068-9	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	10	ug/l	
78-87-5	1,2-Dichloropropane	ND	10	ug/l	
142-28-9	1,3-Dichloropropane	ND	10	ug/l	
594-20-7	2,2-Dichloropropane	ND	10	ug/l	
563-58-6	1,1-Dichloropropene	ND	10	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	ug/l	
123-91-1	1,4-Dioxane	ND	1300	ug/l	
60-29-7	Ethyl Ether	ND	20	ug/l	
100-41-4	Ethylbenzene	682	10	ug/l	
76-13-1	Freon 113	ND	50	ug/l	
87-68-3	Hexachlorobutadiene	ND	20	ug/l	
591-78-6	2-Hexanone [b]	ND	50	ug/l	
98-82-8	Isopropylbenzene	35.3	10	ug/l	
99-87-6	p-Isopropyltoluene	ND	20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	10	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	50	ug/l	
74-95-3	Methylene bromide	ND	10	ug/l	
75-09-2	Methylene chloride	ND	20	ug/l	
91-20-3	Naphthalene	295	50	ug/l	
103-65-1	n-Propylbenzene	71.1	20	ug/l	
100-42-5	Styrene	ND	10	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	20	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	20	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	10	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	ug/l	
127-18-4	Tetrachloroethene	ND	10	ug/l	
109-99-9	Tetrahydrofuran	ND	100	ug/l	
108-88-3	Toluene	451	10	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	10	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	10	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	10	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	10	ug/l	
79-01-6	Trichloroethene	ND	10	ug/l	
75-69-4	Trichlorofluoromethane	ND	20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	1030	20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	175	20	ug/l	
75-01-4	Vinyl chloride	ND	10	ug/l	
	m,p-Xylene	2960	10	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	JE8068-9	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	961	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		80-120%
17060-07-0	1,2-Dichloroethane-D4	107%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Dilution required due to high concentration of target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	JE8068-9	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

4.9
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Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	03/26/25	03/26/25	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA58165
(2) Prep QC Batch: MP53428

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A		
Lab Sample ID:	JE8068-10	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1S013515.D	1	03/27/25 14:40	ED	n/a	n/a	V1S358
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	10	ug/l	
107-13-1	Acrylonitrile [c]	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	3.1	2.0	ug/l	
135-98-8	sec-Butylbenzene	4.1	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane [c]	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene [c]	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	1.1	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A		
Lab Sample ID:	JE8068-10	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	3.6	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	14.3	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	9.9	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	9.5	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A		
Lab Sample ID:	JE8068-10	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-120%
17060-07-0	1,2-Dichloroethane-D4	98%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	104%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Response factor for this compound is below 0.05 in the continuing calibration.
(c) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-13A		
Lab Sample ID:	JE8068-10	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	03/26/25	03/26/25	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA58165
(2) Prep QC Batch: MP53428

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-14B		
Lab Sample ID:	JE8068-11	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	5A14446.D	1	03/25/25 22:02	ED	n/a	n/a	V5A403
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform [b]	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	2.0	ug/l	
124-48-1	Dibromochloromethane [b]	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene [b]	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-14B		
Lab Sample ID:	JE8068-11	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone [b]	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-14B		
Lab Sample ID:	JE8068-11	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		80-120%
17060-07-0	1,2-Dichloroethane-D4	108%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	102%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-14B		
Lab Sample ID:	JE8068-11	**Date Sampled:**	03/19/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	3.5	3.0	ug/l	1	03/26/25	03/26/25	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA58165
(2) Prep QC Batch: MP53428

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-17		
Lab Sample ID:	JE8068-12	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1S013517.D	2.5	03/27/25 15:05	ED	n/a	n/a	V1S358
Run #2 [b]	5A14448.D	10	03/25/25 22:38	ED	n/a	n/a	V5A403

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [c]	ND	25	ug/l	
107-13-1	Acrylonitrile [d]	ND	13	ug/l	
71-43-2	Benzene	299	1.3	ug/l	
108-86-1	Bromobenzene	ND	2.5	ug/l	
74-97-5	Bromochloromethane	ND	2.5	ug/l	
75-27-4	Bromodichloromethane	ND	2.5	ug/l	
75-25-2	Bromoform	ND	2.5	ug/l	
74-83-9	Bromomethane	ND	5.0	ug/l	
78-93-3	2-Butanone (MEK)	55.5	25	ug/l	
104-51-8	n-Butylbenzene	14.1	5.0	ug/l	
135-98-8	sec-Butylbenzene	8.1	5.0	ug/l	
98-06-6	tert-Butylbenzene	5.8	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.5	ug/l	
108-90-7	Chlorobenzene	ND	2.5	ug/l	
75-00-3	Chloroethane	ND	2.5	ug/l	
67-66-3	Chloroform	ND	2.5	ug/l	
74-87-3	Chloromethane [d]	ND	2.5	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.3	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.5	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	2.5	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	2.5	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	2.5	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene [d]	ND	13	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.5	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.5	ug/l	
75-35-4	1,1-Dichloroethene	ND	2.5	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-17		
Lab Sample ID:	JE8068-12	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	2.5	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.5	ug/l	
142-28-9	1,3-Dichloropropane	ND	2.5	ug/l	
594-20-7	2,2-Dichloropropane	ND	2.5	ug/l	
563-58-6	1,1-Dichloropropene	ND	2.5	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	ug/l	
123-91-1	1,4-Dioxane	ND	310	ug/l	
60-29-7	Ethyl Ether	ND	5.0	ug/l	
100-41-4	Ethylbenzene	988 e	10	ug/l	
76-13-1	Freon 113	ND	13	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	13	ug/l	
98-82-8	Isopropylbenzene	68.9	2.5	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	2.5	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	13	ug/l	
74-95-3	Methylene bromide	ND	2.5	ug/l	
75-09-2	Methylene chloride	ND	5.0	ug/l	
91-20-3	Naphthalene	254	13	ug/l	
103-65-1	n-Propylbenzene	185	5.0	ug/l	
100-42-5	Styrene	ND	2.5	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	5.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	ug/l	
127-18-4	Tetrachloroethene	ND	2.5	ug/l	
109-99-9	Tetrahydrofuran	ND	25	ug/l	
108-88-3	Toluene	161	2.5	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.5	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.5	ug/l	
79-01-6	Trichloroethene	ND	2.5	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	998 e	20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	335	5.0	ug/l	
75-01-4	Vinyl chloride	ND	2.5	ug/l	
	m,p-Xylene	1310 e	10	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-17		
Lab Sample ID:	JE8068-12	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	879 [e]	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	111%	80-120%
17060-07-0	1,2-Dichloroethane-D4	99%	107%	80-120%
2037-26-5	Toluene-D8	99%	100%	80-120%
460-00-4	4-Bromofluorobenzene	101%	102%	82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Dilution required due to high concentration of target compound.
(b) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(c) Response factor for this compound is below 0.05 in the continuing calibration.
(d) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(e) Result is from Run# 2

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-17		
Lab Sample ID:	JE8068-12	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	3.8	3.0	ug/l	1	03/26/25	03/26/25	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA58165
(2) Prep QC Batch: MP53428

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	DUPLICATE MW-3A DUP		
Lab Sample ID:	JE8068-13	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	4A14447.D	1	03/25/25 22:20	ED	n/a	n/a	V4A403
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane [b]	ND	1.0	ug/l	
75-25-2	Bromoform [b]	ND	1.0	ug/l	
74-83-9	Bromomethane [b]	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene [b]	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	DUPLICATE MW-3A DUP		
Lab Sample ID:	JE8068-13	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone [b]	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK [b]	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran [b]	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	DUPLICATE MW-3A DUP		
Lab Sample ID:	JE8068-13	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		80-120%
17060-07-0	1,2-Dichloroethane-D4	103%		80-120%
2037-26-5	Toluene-D8	103%		80-120%
460-00-4	4-Bromofluorobenzene	102%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	DUPLICATE MW-3A DUP		
Lab Sample ID:	JE8068-13	**Date Sampled:**	03/20/25
Matrix:	AQ - Ground Water	**Date Received:**	03/24/25
		Percent Solids:	n/a
Project:	Eversource, Berlin, CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 3.0	3.0	ug/l	1	03/26/25	03/26/25	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA58165
(2) Prep QC Batch: MP53428

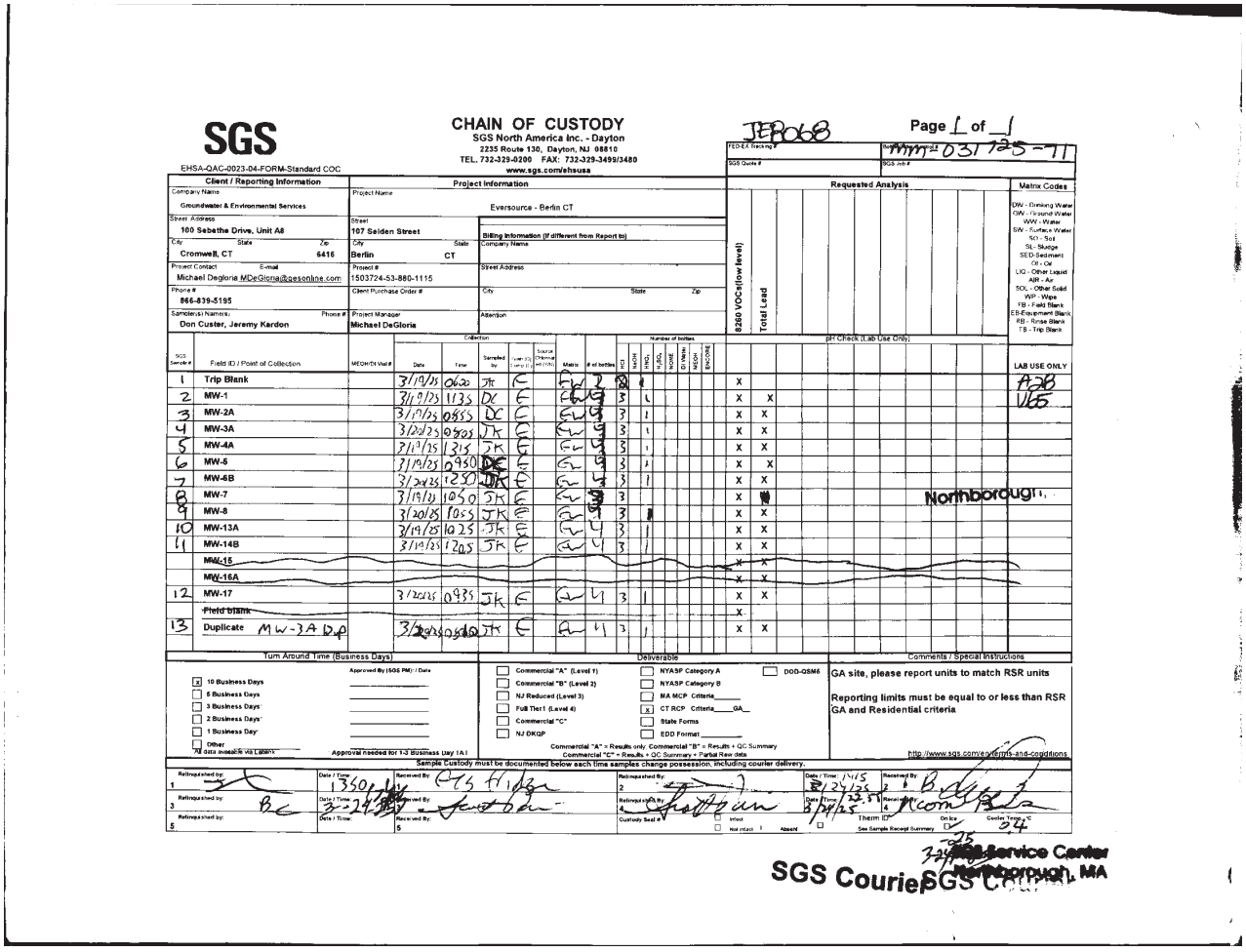
RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- RCP Form
- Sample Tracking Chronicle
- QC Evaluation: CT RCP Limits



SGS

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

EHSA-QAC-0023-04-FORM-Standard COC

JE8068

Page 1 of 1

FED-EX Tracking #: 8031 725 -71

SGS Quote #:

SGS Job #:

Client / Reporting Information

Company Name: Groundwater & Environmental Services
Street Address: 100 Sebethe Drive, Unit A8
City: Cromwell, CT State: Zip: 6416
Project Contact: Michael DeGloria E-mail: MDeGloria@gesonline.com
Phone #: 860-839-5195
Sampler(s) Name(s): Don Custer, Jeremy Kardon Phone #:

Project Information

Project Name: Eversource - Berlin CT
Street: 107 Selden Street
City: Berlin State: CT
Project #: 1503724-53-880-1115
Client Purchase Order #:
Project Manager: Michael DeGloria

Billing Information (If different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis

8260 VOCs(low level)
Total Lead

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Time	Sampled By	Matrix	# of bottles	HCl	MeOH	TBR	DI Water	EnCore	pH Check (Lab Use Only)	8260 VOCs(low level)	Total Lead	LAB USE ONLY
1	Trip Blank		3/19/25	0620	JK	E	GW	2						X		A28
2	MW-1		3/19/25	1135	DC	E	GW	3						X	X	V85
3	MW-2A		3/19/25	0855	DC	E	GW	3						X	X	
4	MW-3A		3/20/25	0805	JK	E	GW	3						X	X	
5	MW-4A		3/19/25	1315	JK	E	GW	3						X	X	
6	MW-5		3/19/25	0950	DC	E	GW	3						X	X	
7	MW-6B		3/20/25	1250	JK	E	GW	3						X	X	
8	MW-7		3/19/25	1050	JK	E	GW	3						X	X	
9	MW-8		3/20/25	1055	JK	E	GW	3						X	X	
10	MW-13A		3/19/25	1025	JK	E	GW	3						X	X	
11	MW-14B		3/19/25	1205	JK	E	GW	3						X	X	
	MW-15													X	X	
	MW-16A													X	X	
12	MW-17		3/20/25	0935	JK	E	GW	3						X	X	
	Field Blank													X		
13	Duplicate MW-3A DUP		3/20/25	0940	JK	E	GW	3						X	X	

Northborough, MA

Turn Around Time (Business Days)

Approved By (SGS PM): / Date:

- [x] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days
- [ ] 2 Business Days
- [ ] 1 Business Day
- [ ] Other

All data available via Lablink. Approval needed for 1-3 Business Day TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier1 (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] MA MCP Criteria
- [x] CT RCP Criteria GA
- [ ] State Forms
- [ ] EDD Format
- [ ] DOD-QSM5

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

GA site, please report units to match RSR units

Reporting limits must be equal to or less than RSR GA and Residential criteria

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date / Time	Received By:
1			
2		1/24/25	
3		1350 / 3-24-25	
4		3/24/25 22.5°C	
5			

Custody Seal #: Intact / Not Intact / Absent

Therm ID: On Ice / Cooler Temp °C: 3.4

See Sample Receipt Summary

SGS Courier SGS Service Center Northborough, MA

SGS Sample Receipt Summary

Job Number: JE8068 **Client:** GROUNDWATER & ENVIRONMENTAL S **Project:** EVERSOURCE, BERLIN, CT

Date / Time Received: 3/24/2025 10:55:00 PM **Delivery Method:** SGS **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (0.4);

Cooler Temps (Corrected) °C: Cooler 1: (0.8);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-50		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	☐
2. Trip Blank listed on COC:	☑		☐	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

5.1 5

JE8068: Chain of Custody
Page 2 of 2

Reasonable Confidence Protocol
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: SGS North America Inc. **Client:** Groundwater & Environmental Services

Project Location: Eversource, Berlin, CT **Project Number:**

Sampling Date(s): 3/20/2025

Laboratory Sample ID(s): JE8068-1, JE8068-2, JE8068-3, JE8068-4, JE8068-5, JE8068-6, JE8068-7, JE8068-8, JE8068-9, JE8068-10, JE8068-11, JE8068-12, JE8068-13

Methods: SW846 6010D, SW846 8260D

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 CTDEEP method-specific Reasonable Confidence Protocol documents)?	Yes ☑ No ☐
1A	Were all the method specified preservation and holding time requirements met?	Yes ☑ No ☐
1B	VPH and EPH Methods only:Was the VPH or EPH method conducted without significant modifications (see respective RCPs)	Yes ☐ No ☐ NA ☑
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes ☑ No ☐
3	Were samples received at an appropriate temperature (≤6° C)? If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6ºC are acceptable .	Yes ☑ No ☐
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable ConfidenceProtocol documents achieved?	Yes ☐ No ☑
5	Were reporting limits specified or referenced on the chain-of-custody?	Yes ☑ No ☐
5A	Were these reporting limits / limits of quantitation 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 for applicable RCPs?	Yes ☑ No ☐

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence." This form may not be altered, and all questions must be answered .

I, the undersigned, attest under 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:  Position: General Manager

Printed Name: David Chastain Date: 4/3/2025

RCP QA/QC Certification Form Version 2024 Page 1 of 1

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JE8068

Eversource, Berlin, CT
Project No: 1503724-53-880-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JE8068-1 TRIP BLANK	Collected: 20-MAR-25 12:50 By: JK	Received: 24-MAR-25 By: NB				
JE8068-1	SW846 8260D	31-MAR-25 13:51	ED			V8260RCP
JE8068-2 MW-1	Collected: 19-MAR-25 11:35 By: DC	Received: 24-MAR-25 By: NB				
JE8068-2	SW846 8260D	25-MAR-25 19:58	ED			V8260RCP
JE8068-2	SW846 6010D	26-MAR-25 21:08	MM	26-MAR-25	SES	PB
JE8068-3 MW-2A	Collected: 19-MAR-25 08:55 By: DC	Received: 24-MAR-25 By: NB				
JE8068-3	SW846 8260D	25-MAR-25 20:16	ED			V8260RCP
JE8068-3	SW846 6010D	26-MAR-25 21:13	MM	26-MAR-25	SES	PB
JE8068-4 MW-3A	Collected: 20-MAR-25 08:05 By: JK	Received: 24-MAR-25 By: NB				
JE8068-4	SW846 8260D	25-MAR-25 20:34	ED			V8260RCP
JE8068-4	SW846 6010D	26-MAR-25 21:19	MM	26-MAR-25	SES	PB
JE8068-5 MW-4A	Collected: 19-MAR-25 13:15 By: JK	Received: 24-MAR-25 By: NB				
JE8068-5	SW846 8260D	25-MAR-25 20:51	ED			V8260RCP
JE8068-5	SW846 6010D	26-MAR-25 21:24	MM	26-MAR-25	SES	PB
JE8068-6 MW-5	Collected: 19-MAR-25 09:50 By: DC	Received: 24-MAR-25 By: NB				
JE8068-6	SW846 8260D	25-MAR-25 21:09	ED			V8260RCP
JE8068-6	SW846 6010D	26-MAR-25 21:40	MM	26-MAR-25	SES	PB
JE8068-7 MW-6B	Collected: 20-MAR-25 12:50 By: JK	Received: 24-MAR-25 By: NB				
JE8068-7	SW846 6010D	26-MAR-25 21:46	MM	26-MAR-25	SES	PB
JE8068-7	SW846 8260D	27-MAR-25 14:27	ED			V8260RCP

SGS North America Inc.

Internal Sample Tracking Chronicle

Groundwater & Environmental Services

Job No: JE8068

Eversource, Berlin, CT
Project No: 1503724-53-880-1115

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JE8068-8	Collected: 19-MAR-25 10:50 By: JK	Received: 24-MAR-25 By: NB				
MW-7						
JE8068-8	SW846 8260D	25-MAR-25 21:27	ED			V8260RCP
JE8068-9	Collected: 20-MAR-25 10:55 By: JK	Received: 24-MAR-25 By: NB				
MW-8						
JE8068-9	SW846 8260D	25-MAR-25 18:29	ED			V8260RCP
JE8068-9	SW846 6010D	26-MAR-25 21:51	MM	26-MAR-25	SES	PB
JE8068-10	Collected: 19-MAR-25 10:25 By: JK	Received: 24-MAR-25 By: NB				
MW-13A						
JE8068-10	SW846 6010D	26-MAR-25 21:56	MM	26-MAR-25	SES	PB
JE8068-10	SW846 8260D	27-MAR-25 14:40	ED			V8260RCP
JE8068-11	Collected: 19-MAR-25 12:05 By: JK	Received: 24-MAR-25 By: NB				
MW-14B						
JE8068-11	SW846 8260D	25-MAR-25 22:02	ED			V8260RCP
JE8068-11	SW846 6010D	26-MAR-25 22:01	MM	26-MAR-25	SES	PB
JE8068-12	Collected: 20-MAR-25 09:35 By: JK	Received: 24-MAR-25 By: NB				
MW-17						
JE8068-12	SW846 8260D	25-MAR-25 22:38	ED			V8260RCP
JE8068-12	SW846 6010D	26-MAR-25 22:06	MM	26-MAR-25	SES	PB
JE8068-12	SW846 8260D	27-MAR-25 15:05	ED			V8260RCP
JE8068-13	Collected: 20-MAR-25 08:10 By: JK	Received: 24-MAR-25 By: NB				
DUPLICATE MW-3A DUP						
JE8068-13	SW846 8260D	25-MAR-25 22:20	ED			V8260RCP
JE8068-13	SW846 6010D	26-MAR-25 22:11	MM	26-MAR-25	SES	PB

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V1S358	SW846 8260D						
V1S358-BS	67-64-1	Acetone	BSP	REC	92	%	70-130
V1S358-BS	107-13-1	Acrylonitrile	BSP	REC	72	%	70-130
V1S358-BS	71-43-2	Benzene	BSP	REC	94	%	70-130
V1S358-BS	108-86-1	Bromobenzene	BSP	REC	98	%	70-130
V1S358-BS	74-97-5	Bromochloromethane	BSP	REC	97	%	70-130
V1S358-BS	75-27-4	Bromodichloromethane	BSP	REC	98	%	70-130
V1S358-BS	75-25-2	Bromoform	BSP	REC	99	%	70-130
V1S358-BS	74-83-9	Bromomethane	BSP	REC	103	%	70-130
V1S358-BS	78-93-3	2-Butanone (MEK)	BSP	REC	99	%	70-130
V1S358-BS	104-51-8	n-Butylbenzene	BSP	REC	101	%	70-130
V1S358-BS	135-98-8	sec-Butylbenzene	BSP	REC	105	%	70-130
V1S358-BS	98-06-6	tert-Butylbenzene	BSP	REC	103	%	70-130
V1S358-BS	75-15-0	Carbon disulfide	BSP	REC	93	%	70-130
V1S358-BS	56-23-5	Carbon tetrachloride	BSP	REC	101	%	70-130
V1S358-BS	108-90-7	Chlorobenzene	BSP	REC	95	%	70-130
V1S358-BS	75-00-3	Chloroethane	BSP	REC	93	%	70-130
V1S358-BS	67-66-3	Chloroform	BSP	REC	88	%	70-130
V1S358-BS	74-87-3	Chloromethane	BSP	REC	85	%	70-130
V1S358-BS	95-49-8	o-Chlorotoluene	BSP	REC	99	%	70-130
V1S358-BS	106-43-4	p-Chlorotoluene	BSP	REC	99	%	70-130
V1S358-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	98	%	70-130
V1S358-BS	124-48-1	Dibromochloromethane	BSP	REC	98	%	70-130
V1S358-BS	106-93-4	1,2-Dibromoethane	BSP	REC	98	%	70-130
V1S358-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	97	%	70-130
V1S358-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	99	%	70-130
V1S358-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	97	%	70-130
V1S358-BS	110-57-6	trans-1,4-Dichloro-2-Butene	BSP	REC	93	%	70-130
V1S358-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	87	%	70-130
V1S358-BS	75-34-3	1,1-Dichloroethane	BSP	REC	94	%	70-130
V1S358-BS	107-06-2	1,2-Dichloroethane	BSP	REC	90	%	70-130
V1S358-BS	75-35-4	1,1-Dichloroethene	BSP	REC	95	%	70-130
V1S358-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	97	%	70-130
V1S358-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	98	%	70-130
V1S358-BS	78-87-5	1,2-Dichloropropane	BSP	REC	95	%	70-130
V1S358-BS	142-28-9	1,3-Dichloropropane	BSP	REC	92	%	70-130
V1S358-BS	594-20-7	2,2-Dichloropropane	BSP	REC	106	%	70-130
V1S358-BS	563-58-6	1,1-Dichloropropene	BSP	REC	99	%	70-130
V1S358-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	103	%	70-130
V1S358-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	103	%	70-130
V1S358-BS	123-91-1	1,4-Dioxane	BSP	REC	96	%	70-130
V1S358-BS	60-29-7	Ethyl Ether	BSP	REC	93	%	70-130
V1S358-BS	100-41-4	Ethylbenzene	BSP	REC	94	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V1S358-BS	76-13-1	Freon 113	BSP	REC	103	%	70-130
V1S358-BS	87-68-3	Hexachlorobutadiene	BSP	REC	106	%	70-130
V1S358-BS	591-78-6	2-Hexanone	BSP	REC	101	%	70-130
V1S358-BS	98-82-8	Isopropylbenzene	BSP	REC	101	%	70-130
V1S358-BS	99-87-6	p-Isopropyltoluene	BSP	REC	104	%	70-130
V1S358-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	100	%	70-130
V1S358-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	104	%	70-130
V1S358-BS	74-95-3	Methylene bromide	BSP	REC	95	%	70-130
V1S358-BS	75-09-2	Methylene chloride	BSP	REC	94	%	70-130
V1S358-BS	91-20-3	Naphthalene	BSP	REC	108	%	70-130
V1S358-BS	103-65-1	n-Propylbenzene	BSP	REC	101	%	70-130
V1S358-BS	100-42-5	Styrene	BSP	REC	104	%	70-130
V1S358-BS	994-05-8	tert-Amyl Methyl Ether	BSP	REC	101	%	70-130
V1S358-BS	637-92-3	tert-Butyl Ethyl Ether	BSP	REC	100	%	70-130
V1S358-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	102	%	70-130
V1S358-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	99	%	70-130
V1S358-BS	127-18-4	Tetrachloroethene	BSP	REC	99	%	70-130
V1S358-BS	109-99-9	Tetrahydrofuran	BSP	REC	96	%	70-130
V1S358-BS	108-88-3	Toluene	BSP	REC	93	%	70-130
V1S358-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	103	%	70-130
V1S358-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	104	%	70-130
V1S358-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	98	%	70-130
V1S358-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	95	%	70-130
V1S358-BS	79-01-6	Trichloroethene	BSP	REC	100	%	70-130
V1S358-BS	75-69-4	Trichlorofluoromethane	BSP	REC	98	%	70-130
V1S358-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	100	%	70-130
V1S358-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	104	%	70-130
V1S358-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	104	%	70-130
V1S358-BS	75-01-4	Vinyl chloride	BSP	REC	92	%	70-130
V1S358-BS		m,p-Xylene	BSP	REC	97	%	70-130
V1S358-BS	95-47-6	o-Xylene	BSP	REC	102	%	70-130
V1S358-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	100	%	70-130
V1S358-BS	2037-26-5	Toluene-D8	BSP	SURR	99	%	70-130
V1S358-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	102	%	70-130
V1S358-MB	1868-53-7	Dibromofluoromethane	MB	SURR	106	%	70-130
V1S358-MB	2037-26-5	Toluene-D8	MB	SURR	99	%	70-130
V1S358-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	100	%	70-130
JE8068-10	1868-53-7	Dibromofluoromethane	SAMP	SURR	99	%	70-130
JE8068-10	2037-26-5	Toluene-D8	SAMP	SURR	101	%	70-130
JE8068-10	460-00-4	4-Bromofluorobenzene	SAMP	SURR	104	%	70-130
JE8068-12	1868-53-7	Dibromofluoromethane	SAMP	SURR	97	%	70-130
JE8068-12	2037-26-5	Toluene-D8	SAMP	SURR	99	%	70-130
JE8068-12	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V2S358	SW846 8260D						
V2S358-BS	67-64-1	Acetone	BSP	REC	97	%	70-130
V2S358-BS	107-13-1	Acrylonitrile	BSP	REC	76	%	70-130
V2S358-BS	71-43-2	Benzene	BSP	REC	100	%	70-130
V2S358-BS	108-86-1	Bromobenzene	BSP	REC	102	%	70-130
V2S358-BS	74-97-5	Bromochloromethane	BSP	REC	98	%	70-130
V2S358-BS	75-27-4	Bromodichloromethane	BSP	REC	99	%	70-130
V2S358-BS	75-25-2	Bromoform	BSP	REC	105	%	70-130
V2S358-BS	74-83-9	Bromomethane	BSP	REC	126	%	70-130
V2S358-BS	78-93-3	2-Butanone (MEK)	BSP	REC	107	%	70-130
V2S358-BS	104-51-8	n-Butylbenzene	BSP	REC	108	%	70-130
V2S358-BS	135-98-8	sec-Butylbenzene	BSP	REC	108	%	70-130
V2S358-BS	98-06-6	tert-Butylbenzene	BSP	REC	108	%	70-130
V2S358-BS	75-15-0	Carbon disulfide	BSP	REC	98	%	70-130
V2S358-BS	56-23-5	Carbon tetrachloride	BSP	REC	105	%	70-130
V2S358-BS	108-90-7	Chlorobenzene	BSP	REC	98	%	70-130
V2S358-BS	75-00-3	Chloroethane	BSP	REC	100	%	70-130
V2S358-BS	67-66-3	Chloroform	BSP	REC	89	%	70-130
V2S358-BS	74-87-3	Chloromethane	BSP	REC	89	%	70-130
V2S358-BS	95-49-8	o-Chlorotoluene	BSP	REC	101	%	70-130
V2S358-BS	106-43-4	p-Chlorotoluene	BSP	REC	105	%	70-130
V2S358-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	104	%	70-130
V2S358-BS	124-48-1	Dibromochloromethane	BSP	REC	102	%	70-130
V2S358-BS	106-93-4	1,2-Dibromoethane	BSP	REC	104	%	70-130
V2S358-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	102	%	70-130
V2S358-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	102	%	70-130
V2S358-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	99	%	70-130
V2S358-BS	110-57-6	trans-1,4-Dichloro-2-Butene	BSP	REC	90	%	70-130
V2S358-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	93	%	70-130
V2S358-BS	75-34-3	1,1-Dichloroethane	BSP	REC	95	%	70-130
V2S358-BS	107-06-2	1,2-Dichloroethane	BSP	REC	95	%	70-130
V2S358-BS	75-35-4	1,1-Dichloroethene	BSP	REC	101	%	70-130
V2S358-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	104	%	70-130
V2S358-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	102	%	70-130
V2S358-BS	78-87-5	1,2-Dichloropropane	BSP	REC	95	%	70-130
V2S358-BS	142-28-9	1,3-Dichloropropane	BSP	REC	102	%	70-130
V2S358-BS	594-20-7	2,2-Dichloropropane	BSP	REC	110	%	70-130
V2S358-BS	563-58-6	1,1-Dichloropropene	BSP	REC	108	%	70-130
V2S358-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	106	%	70-130
V2S358-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	107	%	70-130
V2S358-BS	123-91-1	1,4-Dioxane	BSP	REC	97	%	70-130
V2S358-BS	60-29-7	Ethyl Ether	BSP	REC	99	%	70-130
V2S358-BS	100-41-4	Ethylbenzene	BSP	REC	97	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V2S358-BS	76-13-1	Freon 113	BSP	REC	108	%	70-130
V2S358-BS	87-68-3	Hexachlorobutadiene	BSP	REC	104	%	70-130
V2S358-BS	591-78-6	2-Hexanone	BSP	REC	103	%	70-130
V2S358-BS	98-82-8	Isopropylbenzene	BSP	REC	106	%	70-130
V2S358-BS	99-87-6	p-Isopropyltoluene	BSP	REC	109	%	70-130
V2S358-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	105	%	70-130
V2S358-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	104	%	70-130
V2S358-BS	74-95-3	Methylene bromide	BSP	REC	90	%	70-130
V2S358-BS	75-09-2	Methylene chloride	BSP	REC	95	%	70-130
V2S358-BS	91-20-3	Naphthalene	BSP	REC	110	%	70-130
V2S358-BS	103-65-1	n-Propylbenzene	BSP	REC	104	%	70-130
V2S358-BS	100-42-5	Styrene	BSP	REC	108	%	70-130
V2S358-BS	994-05-8	tert-Amyl Methyl Ether	BSP	REC	102	%	70-130
V2S358-BS	637-92-3	tert-Butyl Ethyl Ether	BSP	REC	103	%	70-130
V2S358-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	107	%	70-130
V2S358-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	102	%	70-130
V2S358-BS	127-18-4	Tetrachloroethene	BSP	REC	105	%	70-130
V2S358-BS	109-99-9	Tetrahydrofuran	BSP	REC	95	%	70-130
V2S358-BS	108-88-3	Toluene	BSP	REC	100	%	70-130
V2S358-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	103	%	70-130
V2S358-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	106	%	70-130
V2S358-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	104	%	70-130
V2S358-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	100	%	70-130
V2S358-BS	79-01-6	Trichloroethene	BSP	REC	107	%	70-130
V2S358-BS	75-69-4	Trichlorofluoromethane	BSP	REC	105	%	70-130
V2S358-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	100	%	70-130
V2S358-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	107	%	70-130
V2S358-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	108	%	70-130
V2S358-BS	75-01-4	Vinyl chloride	BSP	REC	96	%	70-130
V2S358-BS		m,p-Xylene	BSP	REC	102	%	70-130
V2S358-BS	95-47-6	o-Xylene	BSP	REC	102	%	70-130
V2S358-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	97	%	70-130
V2S358-BS	2037-26-5	Toluene-D8	BSP	SURR	99	%	70-130
V2S358-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	101	%	70-130
V2S358-MB	1868-53-7	Dibromofluoromethane	MB	SURR	103	%	70-130
V2S358-MB	2037-26-5	Toluene-D8	MB	SURR	98	%	70-130
V2S358-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	100	%	70-130
JE8068-7	1868-53-7	Dibromofluoromethane	SAMP	SURR	94	%	70-130
JE8068-7	2037-26-5	Toluene-D8	SAMP	SURR	100	%	70-130
JE8068-7	460-00-4	4-Bromofluorobenzene	SAMP	SURR	104	%	70-130
V2X9034	SW846 8260D						
V2X9034-BS	67-64-1	Acetone	BSP	REC	109	%	70-130
V2X9034-BS	107-13-1	Acrylonitrile	BSP	REC	103	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V2X9034-BS	71-43-2	Benzene	BSP	REC	100	%	70-130
V2X9034-BS	108-86-1	Bromobenzene	BSP	REC	103	%	70-130
V2X9034-BS	74-97-5	Bromochloromethane	BSP	REC	99	%	70-130
V2X9034-BS	75-27-4	Bromodichloromethane	BSP	REC	102	%	70-130
V2X9034-BS	75-25-2	Bromoform	BSP	REC	102	%	70-130
V2X9034-BS	74-83-9	Bromomethane	BSP	REC	80	%	70-130
V2X9034-BS	78-93-3	2-Butanone (MEK)	BSP	REC	122	%	70-130
V2X9034-BS	104-51-8	n-Butylbenzene	BSP	REC	114	%	70-130
V2X9034-BS	135-98-8	sec-Butylbenzene	BSP	REC	108	%	70-130
V2X9034-BS	98-06-6	tert-Butylbenzene	BSP	REC	108	%	70-130
V2X9034-BS	75-15-0	Carbon disulfide	BSP	REC	78	%	70-130
V2X9034-BS	56-23-5	Carbon tetrachloride	BSP	REC	92	%	70-130
V2X9034-BS	108-90-7	Chlorobenzene	BSP	REC	101	%	70-130
V2X9034-BS	75-00-3	Chloroethane	BSP	REC	86	%	70-130
V2X9034-BS	67-66-3	Chloroform	BSP	REC	102	%	70-130
V2X9034-BS	74-87-3	Chloromethane	BSP	REC	66	%	70-130
V2X9034-BS	95-49-8	o-Chlorotoluene	BSP	REC	107	%	70-130
V2X9034-BS	106-43-4	p-Chlorotoluene	BSP	REC	103	%	70-130
V2X9034-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	110	%	70-130
V2X9034-BS	124-48-1	Dibromochloromethane	BSP	REC	107	%	70-130
V2X9034-BS	106-93-4	1,2-Dibromoethane	BSP	REC	113	%	70-130
V2X9034-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	105	%	70-130
V2X9034-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	104	%	70-130
V2X9034-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	101	%	70-130
V2X9034-BS	110-57-6	trans-1,4-Dichloro-2-Butene	BSP	REC	117	%	70-130
V2X9034-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	81	%	70-130
V2X9034-BS	75-34-3	1,1-Dichloroethane	BSP	REC	106	%	70-130
V2X9034-BS	107-06-2	1,2-Dichloroethane	BSP	REC	100	%	70-130
V2X9034-BS	75-35-4	1,1-Dichloroethene	BSP	REC	97	%	70-130
V2X9034-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	104	%	70-130
V2X9034-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	107	%	70-130
V2X9034-BS	78-87-5	1,2-Dichloropropane	BSP	REC	105	%	70-130
V2X9034-BS	142-28-9	1,3-Dichloropropane	BSP	REC	112	%	70-130
V2X9034-BS	594-20-7	2,2-Dichloropropane	BSP	REC	83	%	70-130
V2X9034-BS	563-58-6	1,1-Dichloropropene	BSP	REC	106	%	70-130
V2X9034-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	105	%	70-130
V2X9034-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	114	%	70-130
V2X9034-BS	123-91-1	1,4-Dioxane	BSP	REC	122	%	70-130
V2X9034-BS	60-29-7	Ethyl Ether	BSP	REC	114	%	70-130
V2X9034-BS	100-41-4	Ethylbenzene	BSP	REC	102	%	70-130
V2X9034-BS	76-13-1	Freon 113	BSP	REC	91	%	70-130
V2X9034-BS	87-68-3	Hexachlorobutadiene	BSP	REC	101	%	70-130
V2X9034-BS	591-78-6	2-Hexanone	BSP	REC	122	%	70-130
V2X9034-BS	98-82-8	Isopropylbenzene	BSP	REC	102	%	70-130
V2X9034-BS	99-87-6	p-Isopropyltoluene	BSP	REC	110	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V2X9034-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	102	%	70-130
V2X9034-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	113	%	70-130
V2X9034-BS	74-95-3	Methylene bromide	BSP	REC	98	%	70-130
V2X9034-BS	75-09-2	Methylene chloride	BSP	REC	99	%	70-130
V2X9034-BS	91-20-3	Naphthalene	BSP	REC	115	%	70-130
V2X9034-BS	103-65-1	n-Propylbenzene	BSP	REC	106	%	70-130
V2X9034-BS	100-42-5	Styrene	BSP	REC	107	%	70-130
V2X9034-BS	994-05-8	tert-Amyl Methyl Ether	BSP	REC	89	%	70-130
V2X9034-BS	637-92-3	tert-Butyl Ethyl Ether	BSP	REC	103	%	70-130
V2X9034-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	100	%	70-130
V2X9034-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	111	%	70-130
V2X9034-BS	127-18-4	Tetrachloroethene	BSP	REC	98	%	70-130
V2X9034-BS	109-99-9	Tetrahydrofuran	BSP	REC	115	%	70-130
V2X9034-BS	108-88-3	Toluene	BSP	REC	106	%	70-130
V2X9034-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	111	%	70-130
V2X9034-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	108	%	70-130
V2X9034-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	93	%	70-130
V2X9034-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	116	%	70-130
V2X9034-BS	79-01-6	Trichloroethene	BSP	REC	99	%	70-130
V2X9034-BS	75-69-4	Trichlorofluoromethane	BSP	REC	95	%	70-130
V2X9034-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	107	%	70-130
V2X9034-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	108	%	70-130
V2X9034-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	108	%	70-130
V2X9034-BS	75-01-4	Vinyl chloride	BSP	REC	74	%	70-130
V2X9034-BS		m,p-Xylene	BSP	REC	103	%	70-130
V2X9034-BS	95-47-6	o-Xylene	BSP	REC	104	%	70-130
V2X9034-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	101	%	70-130
V2X9034-BS	2037-26-5	Toluene-D8	BSP	SURR	105	%	70-130
V2X9034-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	109	%	70-130
V2X9034-MB	1868-53-7	Dibromofluoromethane	MB	SURR	99	%	70-130
V2X9034-MB	2037-26-5	Toluene-D8	MB	SURR	105	%	70-130
V2X9034-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	104	%	70-130
JE8068-1	1868-53-7	Dibromofluoromethane	SAMP	SURR	100	%	70-130
JE8068-1	2037-26-5	Toluene-D8	SAMP	SURR	105	%	70-130
JE8068-1	460-00-4	4-Bromofluorobenzene	SAMP	SURR	104	%	70-130
V4A403	SW846 8260D						
V4A403-BS	67-64-1	Acetone	BSP	REC	79	%	70-130
V4A403-BS	107-13-1	Acrylonitrile	BSP	REC	89	%	70-130
V4A403-BS	71-43-2	Benzene	BSP	REC	90	%	70-130
V4A403-BS	108-86-1	Bromobenzene	BSP	REC	95	%	70-130
V4A403-BS	74-97-5	Bromochloromethane	BSP	REC	100	%	70-130
V4A403-BS	75-27-4	Bromodichloromethane	BSP	REC	85	%	70-130
V4A403-BS	75-25-2	Bromoform	BSP	REC	77	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V4A403-BS	74-83-9	Bromomethane	BSP	REC	98	%	70-130
V4A403-BS	78-93-3	2-Butanone (MEK)	BSP	REC	95	%	70-130
V4A403-BS	104-51-8	n-Butylbenzene	BSP	REC	108	%	70-130
V4A403-BS	135-98-8	sec-Butylbenzene	BSP	REC	106	%	70-130
V4A403-BS	98-06-6	tert-Butylbenzene	BSP	REC	103	%	70-130
V4A403-BS	75-15-0	Carbon disulfide	BSP	REC	90	%	70-130
V4A403-BS	56-23-5	Carbon tetrachloride	BSP	REC	91	%	70-130
V4A403-BS	108-90-7	Chlorobenzene	BSP	REC	91	%	70-130
V4A403-BS	75-00-3	Chloroethane	BSP	REC	101	%	70-130
V4A403-BS	67-66-3	Chloroform	BSP	REC	92	%	70-130
V4A403-BS	74-87-3	Chloromethane	BSP	REC	103	%	70-130
V4A403-BS	95-49-8	o-Chlorotoluene	BSP	REC	100	%	70-130
V4A403-BS	106-43-4	p-Chlorotoluene	BSP	REC	100	%	70-130
V4A403-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	87	%	70-130
V4A403-BS	124-48-1	Dibromochloromethane	BSP	REC	86	%	70-130
V4A403-BS	106-93-4	1,2-Dibromoethane	BSP	REC	94	%	70-130
V4A403-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	96	%	70-130
V4A403-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	97	%	70-130
V4A403-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	92	%	70-130
V4A403-BS	110-57-6	trans-1,4-Dichloro-2-Butene	BSP	REC	77	%	70-130
V4A403-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	115	%	70-130
V4A403-BS	75-34-3	1,1-Dichloroethane	BSP	REC	90	%	70-130
V4A403-BS	107-06-2	1,2-Dichloroethane	BSP	REC	85	%	70-130
V4A403-BS	75-35-4	1,1-Dichloroethene	BSP	REC	100	%	70-130
V4A403-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	95	%	70-130
V4A403-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	93	%	70-130
V4A403-BS	78-87-5	1,2-Dichloropropane	BSP	REC	88	%	70-130
V4A403-BS	142-28-9	1,3-Dichloropropane	BSP	REC	94	%	70-130
V4A403-BS	594-20-7	2,2-Dichloropropane	BSP	REC	98	%	70-130
V4A403-BS	563-58-6	1,1-Dichloropropene	BSP	REC	100	%	70-130
V4A403-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	92	%	70-130
V4A403-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	92	%	70-130
V4A403-BS	123-91-1	1,4-Dioxane	BSP	REC	94	%	70-130
V4A403-BS	60-29-7	Ethyl Ether	BSP	REC	98	%	70-130
V4A403-BS	100-41-4	Ethylbenzene	BSP	REC	92	%	70-130
V4A403-BS	76-13-1	Freon 113	BSP	REC	97	%	70-130
V4A403-BS	87-68-3	Hexachlorobutadiene	BSP	REC	90	%	70-130
V4A403-BS	591-78-6	2-Hexanone	BSP	REC	78	%	70-130
V4A403-BS	98-82-8	Isopropylbenzene	BSP	REC	93	%	70-130
V4A403-BS	99-87-6	p-Isopropyltoluene	BSP	REC	101	%	70-130
V4A403-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	100	%	70-130
V4A403-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	81	%	70-130
V4A403-BS	74-95-3	Methylene bromide	BSP	REC	87	%	70-130
V4A403-BS	75-09-2	Methylene chloride	BSP	REC	94	%	70-130
V4A403-BS	91-20-3	Naphthalene	BSP	REC	96	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V4A403-BS	103-65-1	n-Propylbenzene	BSP	REC	102	%	70-130
V4A403-BS	100-42-5	Styrene	BSP	REC	94	%	70-130
V4A403-BS	994-05-8	tert-Amyl Methyl Ether	BSP	REC	90	%	70-130
V4A403-BS	637-92-3	tert-Butyl Ethyl Ether	BSP	REC	97	%	70-130
V4A403-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	90	%	70-130
V4A403-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	91	%	70-130
V4A403-BS	127-18-4	Tetrachloroethene	BSP	REC	86	%	70-130
V4A403-BS	109-99-9	Tetrahydrofuran	BSP	REC	85	%	70-130
V4A403-BS	108-88-3	Toluene	BSP	REC	89	%	70-130
V4A403-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	90	%	70-130
V4A403-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	95	%	70-130
V4A403-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	94	%	70-130
V4A403-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	95	%	70-130
V4A403-BS	79-01-6	Trichloroethene	BSP	REC	90	%	70-130
V4A403-BS	75-69-4	Trichlorofluoromethane	BSP	REC	118	%	70-130
V4A403-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	98	%	70-130
V4A403-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	101	%	70-130
V4A403-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	98	%	70-130
V4A403-BS	75-01-4	Vinyl chloride	BSP	REC	109	%	70-130
V4A403-BS		m,p-Xylene	BSP	REC	92	%	70-130
V4A403-BS	95-47-6	o-Xylene	BSP	REC	92	%	70-130
V4A403-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	107	%	70-130
V4A403-BS	2037-26-5	Toluene-D8	BSP	SURR	97	%	70-130
V4A403-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	106	%	70-130
JE8068-7MS	67-64-1	Acetone	MS	REC	78	%	70-130
JE8068-7MS	107-13-1	Acrylonitrile	MS	REC	54	%	70-130
JE8068-7MS	71-43-2	Benzene	MS	REC	88	%	70-130
JE8068-7MS	108-86-1	Bromobenzene	MS	REC	96	%	70-130
JE8068-7MS	74-97-5	Bromochloromethane	MS	REC	95	%	70-130
JE8068-7MS	75-27-4	Bromodichloromethane	MS	REC	84	%	70-130
JE8068-7MS	75-25-2	Bromoform	MS	REC	75	%	70-130
JE8068-7MS	74-83-9	Bromomethane	MS	REC	90	%	70-130
JE8068-7MS	78-93-3	2-Butanone (MEK)	MS	REC	95	%	70-130
JE8068-7MS	104-51-8	n-Butylbenzene	MS	REC	105	%	70-130
JE8068-7MS	135-98-8	sec-Butylbenzene	MS	REC	104	%	70-130
JE8068-7MS	98-06-6	tert-Butylbenzene	MS	REC	103	%	70-130
JE8068-7MS	75-15-0	Carbon disulfide	MS	REC	85	%	70-130
JE8068-7MS	56-23-5	Carbon tetrachloride	MS	REC	88	%	70-130
JE8068-7MS	108-90-7	Chlorobenzene	MS	REC	90	%	70-130
JE8068-7MS	75-00-3	Chloroethane	MS	REC	98	%	70-130
JE8068-7MS	67-66-3	Chloroform	MS	REC	91	%	70-130
JE8068-7MS	74-87-3	Chloromethane	MS	REC	96	%	70-130
JE8068-7MS	95-49-8	o-Chlorotoluene	MS	REC	102	%	70-130
JE8068-7MS	106-43-4	p-Chlorotoluene	MS	REC	100	%	70-130
JE8068-7MS	96-12-8	1,2-Dibromo-3-chloropropane	MS	REC	91	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JE8068-7MS	124-48-1	Dibromochloromethane	MS	REC	86	%	70-130
JE8068-7MS	106-93-4	1,2-Dibromoethane	MS	REC	91	%	70-130
JE8068-7MS	95-50-1	1,2-Dichlorobenzene	MS	REC	97	%	70-130
JE8068-7MS	541-73-1	1,3-Dichlorobenzene	MS	REC	96	%	70-130
JE8068-7MS	106-46-7	1,4-Dichlorobenzene	MS	REC	92	%	70-130
JE8068-7MS	110-57-6	trans-1,4-Dichloro-2-Butene	MS	REC	79	%	70-130
JE8068-7MS	75-71-8	Dichlorodifluoromethane	MS	REC	109	%	70-130
JE8068-7MS	75-34-3	1,1-Dichloroethane	MS	REC	88	%	70-130
JE8068-7MS	107-06-2	1,2-Dichloroethane	MS	REC	83	%	70-130
JE8068-7MS	75-35-4	1,1-Dichloroethene	MS	REC	96	%	70-130
JE8068-7MS	156-59-2	cis-1,2-Dichloroethene	MS	REC	93	%	70-130
JE8068-7MS	156-60-5	trans-1,2-Dichloroethene	MS	REC	90	%	70-130
JE8068-7MS	78-87-5	1,2-Dichloropropane	MS	REC	86	%	70-130
JE8068-7MS	142-28-9	1,3-Dichloropropane	MS	REC	92	%	70-130
JE8068-7MS	594-20-7	2,2-Dichloropropane	MS	REC	95	%	70-130
JE8068-7MS	563-58-6	1,1-Dichloropropene	MS	REC	96	%	70-130
JE8068-7MS	10061-01-5	cis-1,3-Dichloropropene	MS	REC	91	%	70-130
JE8068-7MS	10061-02-6	trans-1,3-Dichloropropene	MS	REC	91	%	70-130
JE8068-7MS	123-91-1	1,4-Dioxane	MS	REC	98	%	70-130
JE8068-7MS	60-29-7	Ethyl Ether	MS	REC	92	%	70-130
JE8068-7MS	100-41-4	Ethylbenzene	MS	REC	87	%	70-130
JE8068-7MS	76-13-1	Freon 113	MS	REC	96	%	70-130
JE8068-7MS	87-68-3	Hexachlorobutadiene	MS	REC	87	%	70-130
JE8068-7MS	591-78-6	2-Hexanone	MS	REC	78	%	70-130
JE8068-7MS	98-82-8	Isopropylbenzene	MS	REC	92	%	70-130
JE8068-7MS	99-87-6	p-Isopropyltoluene	MS	REC	102	%	70-130
JE8068-7MS	1634-04-4	Methyl Tert Butyl Ether	MS	REC	97	%	70-130
JE8068-7MS	108-10-1	4-Methyl-2-pentanone(MIBK)	MS	REC	83	%	70-130
JE8068-7MS	74-95-3	Methylene bromide	MS	REC	86	%	70-130
JE8068-7MS	75-09-2	Methylene chloride	MS	REC	96	%	70-130
JE8068-7MS	91-20-3	Naphthalene	MS	REC	103	%	70-130
JE8068-7MS	103-65-1	n-Propylbenzene	MS	REC	101	%	70-130
JE8068-7MS	100-42-5	Styrene	MS	REC	94	%	70-130
JE8068-7MS	994-05-8	tert-Amyl Methyl Ether	MS	REC	88	%	70-130
JE8068-7MS	637-92-3	tert-Butyl Ethyl Ether	MS	REC	95	%	70-130
JE8068-7MS	630-20-6	1,1,1,2-Tetrachloroethane	MS	REC	90	%	70-130
JE8068-7MS	79-34-5	1,1,2,2-Tetrachloroethane	MS	REC	94	%	70-130
JE8068-7MS	127-18-4	Tetrachloroethene	MS	REC	84	%	70-130
JE8068-7MS	109-99-9	Tetrahydrofuran	MS	REC	82	%	70-130
JE8068-7MS	108-88-3	Toluene	MS	REC	86	%	70-130
JE8068-7MS	87-61-6	1,2,3-Trichlorobenzene	MS	REC	89	%	70-130
JE8068-7MS	120-82-1	1,2,4-Trichlorobenzene	MS	REC	95	%	70-130
JE8068-7MS	71-55-6	1,1,1-Trichloroethane	MS	REC	91	%	70-130
JE8068-7MS	79-00-5	1,1,2-Trichloroethane	MS	REC	94	%	70-130
JE8068-7MS	79-01-6	Trichloroethene	MS	REC	88	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JE8068-7MS	75-69-4	Trichlorofluoromethane	MS	REC	114	%	70-130
JE8068-7MS	96-18-4	1,2,3-Trichloropropane	MS	REC	104	%	70-130
JE8068-7MS	95-63-6	1,2,4-Trimethylbenzene	MS	REC	93	%	70-130
JE8068-7MS	108-67-8	1,3,5-Trimethylbenzene	MS	REC	96	%	70-130
JE8068-7MS	75-01-4	Vinyl chloride	MS	REC	107	%	70-130
JE8068-7MS		m,p-Xylene	MS	REC	86	%	70-130
JE8068-7MS	95-47-6	o-Xylene	MS	REC	92	%	70-130
JE8068-7MS	1868-53-7	Dibromofluoromethane	MS	SURR	106	%	70-130
JE8068-7MS	2037-26-5	Toluene-D8	MS	SURR	97	%	70-130
JE8068-7MS	460-00-4	4-Bromofluorobenzene	MS	SURR	106	%	70-130
JE8068-7MSD	67-64-1	Acetone	MSD	REC	80	%	70-130
JE8068-7MSD	67-64-1	Acetone	MSD	RPD	2	%	30
JE8068-7MSD	107-13-1	Acrylonitrile	MSD	REC	56	%	70-130
JE8068-7MSD	107-13-1	Acrylonitrile	MSD	RPD	4	%	30
JE8068-7MSD	71-43-2	Benzene	MSD	REC	90	%	70-130
JE8068-7MSD	71-43-2	Benzene	MSD	RPD	2	%	30
JE8068-7MSD	108-86-1	Bromobenzene	MSD	REC	94	%	70-130
JE8068-7MSD	108-86-1	Bromobenzene	MSD	RPD	2	%	30
JE8068-7MSD	74-97-5	Bromochloromethane	MSD	REC	96	%	70-130
JE8068-7MSD	74-97-5	Bromochloromethane	MSD	RPD	1	%	30
JE8068-7MSD	75-27-4	Bromodichloromethane	MSD	REC	85	%	70-130
JE8068-7MSD	75-27-4	Bromodichloromethane	MSD	RPD	1	%	30
JE8068-7MSD	75-25-2	Bromoform	MSD	REC	79	%	70-130
JE8068-7MSD	75-25-2	Bromoform	MSD	RPD	5	%	30
JE8068-7MSD	74-83-9	Bromomethane	MSD	REC	110	%	70-130
JE8068-7MSD	74-83-9	Bromomethane	MSD	RPD	20	%	30
JE8068-7MSD	78-93-3	2-Butanone (MEK)	MSD	REC	93	%	70-130
JE8068-7MSD	78-93-3	2-Butanone (MEK)	MSD	RPD	1	%	30
JE8068-7MSD	104-51-8	n-Butylbenzene	MSD	REC	114	%	70-130
JE8068-7MSD	104-51-8	n-Butylbenzene	MSD	RPD	8	%	30
JE8068-7MSD	135-98-8	sec-Butylbenzene	MSD	REC	109	%	70-130
JE8068-7MSD	135-98-8	sec-Butylbenzene	MSD	RPD	4	%	30
JE8068-7MSD	98-06-6	tert-Butylbenzene	MSD	REC	108	%	70-130
JE8068-7MSD	98-06-6	tert-Butylbenzene	MSD	RPD	5	%	30
JE8068-7MSD	75-15-0	Carbon disulfide	MSD	REC	89	%	70-130
JE8068-7MSD	75-15-0	Carbon disulfide	MSD	RPD	5	%	30
JE8068-7MSD	56-23-5	Carbon tetrachloride	MSD	REC	89	%	70-130
JE8068-7MSD	56-23-5	Carbon tetrachloride	MSD	RPD	1	%	30
JE8068-7MSD	108-90-7	Chlorobenzene	MSD	REC	92	%	70-130
JE8068-7MSD	108-90-7	Chlorobenzene	MSD	RPD	1	%	30
JE8068-7MSD	75-00-3	Chloroethane	MSD	REC	100	%	70-130
JE8068-7MSD	75-00-3	Chloroethane	MSD	RPD	2	%	30
JE8068-7MSD	67-66-3	Chloroform	MSD	REC	92	%	70-130
JE8068-7MSD	67-66-3	Chloroform	MSD	RPD	0	%	30
JE8068-7MSD	74-87-3	Chloromethane	MSD	REC	99	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JE8068-7MSD	74-87-3	Chloromethane	MSD	RPD	2	%	30
JE8068-7MSD	95-49-8	o-Chlorotoluene	MSD	REC	102	%	70-130
JE8068-7MSD	95-49-8	o-Chlorotoluene	MSD	RPD	0	%	30
JE8068-7MSD	106-43-4	p-Chlorotoluene	MSD	REC	101	%	70-130
JE8068-7MSD	106-43-4	p-Chlorotoluene	MSD	RPD	1	%	30
JE8068-7MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	REC	88	%	70-130
JE8068-7MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	RPD	3	%	30
JE8068-7MSD	124-48-1	Dibromochloromethane	MSD	REC	88	%	70-130
JE8068-7MSD	124-48-1	Dibromochloromethane	MSD	RPD	3	%	30
JE8068-7MSD	106-93-4	1,2-Dibromoethane	MSD	REC	92	%	70-130
JE8068-7MSD	106-93-4	1,2-Dibromoethane	MSD	RPD	1	%	30
JE8068-7MSD	95-50-1	1,2-Dichlorobenzene	MSD	REC	98	%	70-130
JE8068-7MSD	95-50-1	1,2-Dichlorobenzene	MSD	RPD	2	%	30
JE8068-7MSD	541-73-1	1,3-Dichlorobenzene	MSD	REC	99	%	70-130
JE8068-7MSD	541-73-1	1,3-Dichlorobenzene	MSD	RPD	3	%	30
JE8068-7MSD	106-46-7	1,4-Dichlorobenzene	MSD	REC	94	%	70-130
JE8068-7MSD	106-46-7	1,4-Dichlorobenzene	MSD	RPD	3	%	30
JE8068-7MSD	110-57-6	trans-1,4-Dichloro-2-Butene	MSD	REC	77	%	70-130
JE8068-7MSD	110-57-6	trans-1,4-Dichloro-2-Butene	MSD	RPD	3	%	30
JE8068-7MSD	75-71-8	Dichlorodifluoromethane	MSD	REC	111	%	70-130
JE8068-7MSD	75-71-8	Dichlorodifluoromethane	MSD	RPD	2	%	30
JE8068-7MSD	75-34-3	1,1-Dichloroethane	MSD	REC	90	%	70-130
JE8068-7MSD	75-34-3	1,1-Dichloroethane	MSD	RPD	3	%	30
JE8068-7MSD	107-06-2	1,2-Dichloroethane	MSD	REC	85	%	70-130
JE8068-7MSD	107-06-2	1,2-Dichloroethane	MSD	RPD	2	%	30
JE8068-7MSD	75-35-4	1,1-Dichloroethene	MSD	REC	95	%	70-130
JE8068-7MSD	75-35-4	1,1-Dichloroethene	MSD	RPD	2	%	30
JE8068-7MSD	156-59-2	cis-1,2-Dichloroethene	MSD	REC	92	%	70-130
JE8068-7MSD	156-59-2	cis-1,2-Dichloroethene	MSD	RPD	1	%	30
JE8068-7MSD	156-60-5	trans-1,2-Dichloroethene	MSD	REC	92	%	70-130
JE8068-7MSD	156-60-5	trans-1,2-Dichloroethene	MSD	RPD	3	%	30
JE8068-7MSD	78-87-5	1,2-Dichloropropane	MSD	REC	88	%	70-130
JE8068-7MSD	78-87-5	1,2-Dichloropropane	MSD	RPD	3	%	30
JE8068-7MSD	142-28-9	1,3-Dichloropropane	MSD	REC	93	%	70-130
JE8068-7MSD	142-28-9	1,3-Dichloropropane	MSD	RPD	1	%	30
JE8068-7MSD	594-20-7	2,2-Dichloropropane	MSD	REC	96	%	70-130
JE8068-7MSD	594-20-7	2,2-Dichloropropane	MSD	RPD	0	%	30
JE8068-7MSD	563-58-6	1,1-Dichloropropene	MSD	REC	98	%	70-130
JE8068-7MSD	563-58-6	1,1-Dichloropropene	MSD	RPD	3	%	30
JE8068-7MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	REC	96	%	70-130
JE8068-7MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	RPD	5	%	30
JE8068-7MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	REC	93	%	70-130
JE8068-7MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	RPD	2	%	30
JE8068-7MSD	123-91-1	1,4-Dioxane	MSD	REC	94	%	70-130
JE8068-7MSD	123-91-1	1,4-Dioxane	MSD	RPD	5	%	30

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JE8068-7MSD	60-29-7	Ethyl Ether	MSD	REC	95	%	70-130
JE8068-7MSD	60-29-7	Ethyl Ether	MSD	RPD	3	%	30
JE8068-7MSD	100-41-4	Ethylbenzene	MSD	REC	91	%	70-130
JE8068-7MSD	100-41-4	Ethylbenzene	MSD	RPD	4	%	30
JE8068-7MSD	76-13-1	Freon 113	MSD	REC	94	%	70-130
JE8068-7MSD	76-13-1	Freon 113	MSD	RPD	2	%	30
JE8068-7MSD	87-68-3	Hexachlorobutadiene	MSD	REC	94	%	70-130
JE8068-7MSD	87-68-3	Hexachlorobutadiene	MSD	RPD	8	%	30
JE8068-7MSD	591-78-6	2-Hexanone	MSD	REC	79	%	70-130
JE8068-7MSD	591-78-6	2-Hexanone	MSD	RPD	2	%	30
JE8068-7MSD	98-82-8	Isopropylbenzene	MSD	REC	96	%	70-130
JE8068-7MSD	98-82-8	Isopropylbenzene	MSD	RPD	4	%	30
JE8068-7MSD	99-87-6	p-Isopropyltoluene	MSD	REC	106	%	70-130
JE8068-7MSD	99-87-6	p-Isopropyltoluene	MSD	RPD	4	%	30
JE8068-7MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	REC	100	%	70-130
JE8068-7MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	RPD	2	%	30
JE8068-7MSD	108-10-1	4-Methyl-2-pentanone(MIBK)	MSD	REC	85	%	70-130
JE8068-7MSD	108-10-1	4-Methyl-2-pentanone(MIBK)	MSD	RPD	2	%	30
JE8068-7MSD	74-95-3	Methylene bromide	MSD	REC	88	%	70-130
JE8068-7MSD	74-95-3	Methylene bromide	MSD	RPD	2	%	30
JE8068-7MSD	75-09-2	Methylene chloride	MSD	REC	95	%	70-130
JE8068-7MSD	75-09-2	Methylene chloride	MSD	RPD	2	%	30
JE8068-7MSD	91-20-3	Naphthalene	MSD	REC	107	%	70-130
JE8068-7MSD	91-20-3	Naphthalene	MSD	RPD	4	%	30
JE8068-7MSD	103-65-1	n-Propylbenzene	MSD	REC	104	%	70-130
JE8068-7MSD	103-65-1	n-Propylbenzene	MSD	RPD	3	%	30
JE8068-7MSD	100-42-5	Styrene	MSD	REC	94	%	70-130
JE8068-7MSD	100-42-5	Styrene	MSD	RPD	0	%	30
JE8068-7MSD	994-05-8	tert-Amyl Methyl Ether	MSD	REC	92	%	70-130
JE8068-7MSD	994-05-8	tert-Amyl Methyl Ether	MSD	RPD	4	%	30
JE8068-7MSD	637-92-3	tert-Butyl Ethyl Ether	MSD	REC	98	%	70-130
JE8068-7MSD	637-92-3	tert-Butyl Ethyl Ether	MSD	RPD	3	%	30
JE8068-7MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	REC	89	%	70-130
JE8068-7MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	RPD	1	%	30
JE8068-7MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	REC	92	%	70-130
JE8068-7MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	RPD	1	%	30
JE8068-7MSD	127-18-4	Tetrachloroethene	MSD	REC	86	%	70-130
JE8068-7MSD	127-18-4	Tetrachloroethene	MSD	RPD	2	%	30
JE8068-7MSD	109-99-9	Tetrahydrofuran	MSD	REC	84	%	70-130
JE8068-7MSD	109-99-9	Tetrahydrofuran	MSD	RPD	2	%	30
JE8068-7MSD	108-88-3	Toluene	MSD	REC	88	%	70-130
JE8068-7MSD	108-88-3	Toluene	MSD	RPD	1	%	30
JE8068-7MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	REC	96	%	70-130
JE8068-7MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	RPD	7	%	30
JE8068-7MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	REC	100	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JE8068-7MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	RPD	5	%	30
JE8068-7MSD	71-55-6	1,1,1-Trichloroethane	MSD	REC	91	%	70-130
JE8068-7MSD	71-55-6	1,1,1-Trichloroethane	MSD	RPD	0	%	30
JE8068-7MSD	79-00-5	1,1,2-Trichloroethane	MSD	REC	96	%	70-130
JE8068-7MSD	79-00-5	1,1,2-Trichloroethane	MSD	RPD	1	%	30
JE8068-7MSD	79-01-6	Trichloroethene	MSD	REC	89	%	70-130
JE8068-7MSD	79-01-6	Trichloroethene	MSD	RPD	1	%	30
JE8068-7MSD	75-69-4	Trichlorofluoromethane	MSD	REC	114	%	70-130
JE8068-7MSD	75-69-4	Trichlorofluoromethane	MSD	RPD	1	%	30
JE8068-7MSD	96-18-4	1,2,3-Trichloropropane	MSD	REC	102	%	70-130
JE8068-7MSD	96-18-4	1,2,3-Trichloropropane	MSD	RPD	2	%	30
JE8068-7MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	REC	102	%	70-130
JE8068-7MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	RPD	6	%	30
JE8068-7MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	REC	98	%	70-130
JE8068-7MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	RPD	2	%	30
JE8068-7MSD	75-01-4	Vinyl chloride	MSD	REC	107	%	70-130
JE8068-7MSD	75-01-4	Vinyl chloride	MSD	RPD	0	%	30
JE8068-7MSD		m,p-Xylene	MSD	REC	89	%	70-130
JE8068-7MSD		m,p-Xylene	MSD	RPD	4	%	30
JE8068-7MSD	95-47-6	o-Xylene	MSD	REC	94	%	70-130
JE8068-7MSD	95-47-6	o-Xylene	MSD	RPD	2	%	30
JE8068-7MSD	1868-53-7	Dibromofluoromethane	MSD	SURR	107	%	70-130
JE8068-7MSD	2037-26-5	Toluene-D8	MSD	SURR	96	%	70-130
JE8068-7MSD	460-00-4	4-Bromofluorobenzene	MSD	SURR	104	%	70-130
V4A403-MB	1868-53-7	Dibromofluoromethane	MB	SURR	110	%	70-130
V4A403-MB	2037-26-5	Toluene-D8	MB	SURR	102	%	70-130
V4A403-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	103	%	70-130
JE8068-2	1868-53-7	Dibromofluoromethane	SAMP	SURR	111	%	70-130
JE8068-2	2037-26-5	Toluene-D8	SAMP	SURR	102	%	70-130
JE8068-2	460-00-4	4-Bromofluorobenzene	SAMP	SURR	100	%	70-130
JE8068-4	1868-53-7	Dibromofluoromethane	SAMP	SURR	110	%	70-130
JE8068-4	2037-26-5	Toluene-D8	SAMP	SURR	103	%	70-130
JE8068-4	460-00-4	4-Bromofluorobenzene	SAMP	SURR	103	%	70-130
JE8068-6	1868-53-7	Dibromofluoromethane	SAMP	SURR	109	%	70-130
JE8068-6	2037-26-5	Toluene-D8	SAMP	SURR	104	%	70-130
JE8068-6	460-00-4	4-Bromofluorobenzene	SAMP	SURR	102	%	70-130
JE8068-13	1868-53-7	Dibromofluoromethane	SAMP	SURR	110	%	70-130
JE8068-13	2037-26-5	Toluene-D8	SAMP	SURR	103	%	70-130
JE8068-13	460-00-4	4-Bromofluorobenzene	SAMP	SURR	102	%	70-130
V5A403	SW846 8260D						
V5A403-BS	67-64-1	Acetone	BSP	REC	82	%	70-130
V5A403-BS	107-13-1	Acrylonitrile	BSP	REC	89	%	70-130
V5A403-BS	71-43-2	Benzene	BSP	REC	89	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V5A403-BS	108-86-1	Bromobenzene	BSP	REC	103	%	70-130
V5A403-BS	74-97-5	Bromochloromethane	BSP	REC	98	%	70-130
V5A403-BS	75-27-4	Bromodichloromethane	BSP	REC	86	%	70-130
V5A403-BS	75-25-2	Bromoform	BSP	REC	77	%	70-130
V5A403-BS	74-83-9	Bromomethane	BSP	REC	105	%	70-130
V5A403-BS	78-93-3	2-Butanone (MEK)	BSP	REC	98	%	70-130
V5A403-BS	104-51-8	n-Butylbenzene	BSP	REC	111	%	70-130
V5A403-BS	135-98-8	sec-Butylbenzene	BSP	REC	110	%	70-130
V5A403-BS	98-06-6	tert-Butylbenzene	BSP	REC	111	%	70-130
V5A403-BS	75-15-0	Carbon disulfide	BSP	REC	92	%	70-130
V5A403-BS	56-23-5	Carbon tetrachloride	BSP	REC	90	%	70-130
V5A403-BS	108-90-7	Chlorobenzene	BSP	REC	92	%	70-130
V5A403-BS	75-00-3	Chloroethane	BSP	REC	100	%	70-130
V5A403-BS	67-66-3	Chloroform	BSP	REC	94	%	70-130
V5A403-BS	74-87-3	Chloromethane	BSP	REC	102	%	70-130
V5A403-BS	95-49-8	o-Chlorotoluene	BSP	REC	102	%	70-130
V5A403-BS	106-43-4	p-Chlorotoluene	BSP	REC	103	%	70-130
V5A403-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	90	%	70-130
V5A403-BS	124-48-1	Dibromochloromethane	BSP	REC	86	%	70-130
V5A403-BS	106-93-4	1,2-Dibromoethane	BSP	REC	90	%	70-130
V5A403-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	99	%	70-130
V5A403-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	96	%	70-130
V5A403-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	93	%	70-130
V5A403-BS	110-57-6	trans-1,4-Dichloro-2-Butene	BSP	REC	84	%	70-130
V5A403-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	120	%	70-130
V5A403-BS	75-34-3	1,1-Dichloroethane	BSP	REC	92	%	70-130
V5A403-BS	107-06-2	1,2-Dichloroethane	BSP	REC	85	%	70-130
V5A403-BS	75-35-4	1,1-Dichloroethene	BSP	REC	98	%	70-130
V5A403-BS	156-59-2	cis-1,2-Dichloroethene	BSP	REC	99	%	70-130
V5A403-BS	156-60-5	trans-1,2-Dichloroethene	BSP	REC	96	%	70-130
V5A403-BS	78-87-5	1,2-Dichloropropane	BSP	REC	85	%	70-130
V5A403-BS	142-28-9	1,3-Dichloropropane	BSP	REC	90	%	70-130
V5A403-BS	594-20-7	2,2-Dichloropropane	BSP	REC	96	%	70-130
V5A403-BS	563-58-6	1,1-Dichloropropene	BSP	REC	94	%	70-130
V5A403-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	92	%	70-130
V5A403-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	88	%	70-130
V5A403-BS	123-91-1	1,4-Dioxane	BSP	REC	102	%	70-130
V5A403-BS	60-29-7	Ethyl Ether	BSP	REC	97	%	70-130
V5A403-BS	100-41-4	Ethylbenzene	BSP	REC	92	%	70-130
V5A403-BS	76-13-1	Freon 113	BSP	REC	95	%	70-130
V5A403-BS	87-68-3	Hexachlorobutadiene	BSP	REC	94	%	70-130
V5A403-BS	591-78-6	2-Hexanone	BSP	REC	81	%	70-130
V5A403-BS	98-82-8	Isopropylbenzene	BSP	REC	98	%	70-130
V5A403-BS	99-87-6	p-Isopropyltoluene	BSP	REC	110	%	70-130
V5A403-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	93	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V5A403-BS	108-10-1	4-Methyl-2-pentanone(MIBK)	BSP	REC	86	%	70-130
V5A403-BS	74-95-3	Methylene bromide	BSP	REC	90	%	70-130
V5A403-BS	75-09-2	Methylene chloride	BSP	REC	96	%	70-130
V5A403-BS	91-20-3	Naphthalene	BSP	REC	98	%	70-130
V5A403-BS	103-65-1	n-Propylbenzene	BSP	REC	107	%	70-130
V5A403-BS	100-42-5	Styrene	BSP	REC	95	%	70-130
V5A403-BS	994-05-8	tert-Amyl Methyl Ether	BSP	REC	88	%	70-130
V5A403-BS	637-92-3	tert-Butyl Ethyl Ether	BSP	REC	93	%	70-130
V5A403-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	89	%	70-130
V5A403-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	93	%	70-130
V5A403-BS	127-18-4	Tetrachloroethene	BSP	REC	92	%	70-130
V5A403-BS	109-99-9	Tetrahydrofuran	BSP	REC	90	%	70-130
V5A403-BS	108-88-3	Toluene	BSP	REC	86	%	70-130
V5A403-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	97	%	70-130
V5A403-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	97	%	70-130
V5A403-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	96	%	70-130
V5A403-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	86	%	70-130
V5A403-BS	79-01-6	Trichloroethene	BSP	REC	89	%	70-130
V5A403-BS	75-69-4	Trichlorofluoromethane	BSP	REC	116	%	70-130
V5A403-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	102	%	70-130
V5A403-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	105	%	70-130
V5A403-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	102	%	70-130
V5A403-BS	75-01-4	Vinyl chloride	BSP	REC	110	%	70-130
V5A403-BS		m,p-Xylene	BSP	REC	92	%	70-130
V5A403-BS	95-47-6	o-Xylene	BSP	REC	94	%	70-130
V5A403-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	106	%	70-130
V5A403-BS	2037-26-5	Toluene-D8	BSP	SURR	96	%	70-130
V5A403-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	106	%	70-130
JE8068-9MS	67-64-1	Acetone	MS	REC	80	%	70-130
JE8068-9MS	107-13-1	Acrylonitrile	MS	REC	55	%	70-130
JE8068-9MS	71-43-2	Benzene	MS	REC	85	%	70-130
JE8068-9MS	108-86-1	Bromobenzene	MS	REC	101	%	70-130
JE8068-9MS	74-97-5	Bromochloromethane	MS	REC	96	%	70-130
JE8068-9MS	75-27-4	Bromodichloromethane	MS	REC	84	%	70-130
JE8068-9MS	75-25-2	Bromoform	MS	REC	80	%	70-130
JE8068-9MS	74-83-9	Bromomethane	MS	REC	105	%	70-130
JE8068-9MS	78-93-3	2-Butanone (MEK)	MS	REC	94	%	70-130
JE8068-9MS	104-51-8	n-Butylbenzene	MS	REC	109	%	70-130
JE8068-9MS	135-98-8	sec-Butylbenzene	MS	REC	107	%	70-130
JE8068-9MS	98-06-6	tert-Butylbenzene	MS	REC	108	%	70-130
JE8068-9MS	75-15-0	Carbon disulfide	MS	REC	85	%	70-130
JE8068-9MS	56-23-5	Carbon tetrachloride	MS	REC	85	%	70-130
JE8068-9MS	108-90-7	Chlorobenzene	MS	REC	92	%	70-130
JE8068-9MS	75-00-3	Chloroethane	MS	REC	97	%	70-130
JE8068-9MS	67-66-3	Chloroform	MS	REC	92	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JE8068-9MS	74-87-3	Chloromethane	MS	REC	97	%	70-130
JE8068-9MS	95-49-8	o-Chlorotoluene	MS	REC	99	%	70-130
JE8068-9MS	106-43-4	p-Chlorotoluene	MS	REC	100	%	70-130
JE8068-9MS	96-12-8	1,2-Dibromo-3-chloropropane	MS	REC	88	%	70-130
JE8068-9MS	124-48-1	Dibromochloromethane	MS	REC	84	%	70-130
JE8068-9MS	106-93-4	1,2-Dibromoethane	MS	REC	90	%	70-130
JE8068-9MS	95-50-1	1,2-Dichlorobenzene	MS	REC	96	%	70-130
JE8068-9MS	541-73-1	1,3-Dichlorobenzene	MS	REC	94	%	70-130
JE8068-9MS	106-46-7	1,4-Dichlorobenzene	MS	REC	93	%	70-130
JE8068-9MS	110-57-6	trans-1,4-Dichloro-2-Butene	MS	REC	88	%	70-130
JE8068-9MS	75-71-8	Dichlorodifluoromethane	MS	REC	111	%	70-130
JE8068-9MS	75-34-3	1,1-Dichloroethane	MS	REC	87	%	70-130
JE8068-9MS	107-06-2	1,2-Dichloroethane	MS	REC	85	%	70-130
JE8068-9MS	75-35-4	1,1-Dichloroethene	MS	REC	91	%	70-130
JE8068-9MS	156-59-2	cis-1,2-Dichloroethene	MS	REC	94	%	70-130
JE8068-9MS	156-60-5	trans-1,2-Dichloroethene	MS	REC	90	%	70-130
JE8068-9MS	78-87-5	1,2-Dichloropropane	MS	REC	84	%	70-130
JE8068-9MS	142-28-9	1,3-Dichloropropane	MS	REC	92	%	70-130
JE8068-9MS	594-20-7	2,2-Dichloropropane	MS	REC	93	%	70-130
JE8068-9MS	563-58-6	1,1-Dichloropropene	MS	REC	91	%	70-130
JE8068-9MS	10061-01-5	cis-1,3-Dichloropropene	MS	REC	91	%	70-130
JE8068-9MS	10061-02-6	trans-1,3-Dichloropropene	MS	REC	88	%	70-130
JE8068-9MS	123-91-1	1,4-Dioxane	MS	REC	102	%	70-130
JE8068-9MS	60-29-7	Ethyl Ether	MS	REC	91	%	70-130
JE8068-9MS	100-41-4	Ethylbenzene	MS	REC	76	%	70-130
JE8068-9MS	76-13-1	Freon 113	MS	REC	87	%	70-130
JE8068-9MS	87-68-3	Hexachlorobutadiene	MS	REC	83	%	70-130
JE8068-9MS	591-78-6	2-Hexanone	MS	REC	85	%	70-130
JE8068-9MS	98-82-8	Isopropylbenzene	MS	REC	97	%	70-130
JE8068-9MS	99-87-6	p-Isopropyltoluene	MS	REC	107	%	70-130
JE8068-9MS	1634-04-4	Methyl Tert Butyl Ether	MS	REC	92	%	70-130
JE8068-9MS	108-10-1	4-Methyl-2-pentanone(MIBK)	MS	REC	88	%	70-130
JE8068-9MS	74-95-3	Methylene bromide	MS	REC	88	%	70-130
JE8068-9MS	75-09-2	Methylene chloride	MS	REC	98	%	70-130
JE8068-9MS	91-20-3	Naphthalene	MS	REC	104	%	70-130
JE8068-9MS	103-65-1	n-Propylbenzene	MS	REC	107	%	70-130
JE8068-9MS	100-42-5	Styrene	MS	REC	99	%	70-130
JE8068-9MS	994-05-8	tert-Amyl Methyl Ether	MS	REC	86	%	70-130
JE8068-9MS	637-92-3	tert-Butyl Ethyl Ether	MS	REC	90	%	70-130
JE8068-9MS	630-20-6	1,1,1,2-Tetrachloroethane	MS	REC	89	%	70-130
JE8068-9MS	79-34-5	1,1,2,2-Tetrachloroethane	MS	REC	94	%	70-130
JE8068-9MS	127-18-4	Tetrachloroethene	MS	REC	90	%	70-130
JE8068-9MS	109-99-9	Tetrahydrofuran	MS	REC	87	%	70-130
JE8068-9MS	108-88-3	Toluene	MS	REC	77	%	70-130
JE8068-9MS	87-61-6	1,2,3-Trichlorobenzene	MS	REC	98	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JE8068-9MS	120-82-1	1,2,4-Trichlorobenzene	MS	REC	96	%	70-130
JE8068-9MS	71-55-6	1,1,1-Trichloroethane	MS	REC	93	%	70-130
JE8068-9MS	79-00-5	1,1,2-Trichloroethane	MS	REC	87	%	70-130
JE8068-9MS	79-01-6	Trichloroethene	MS	REC	88	%	70-130
JE8068-9MS	75-69-4	Trichlorofluoromethane	MS	REC	107	%	70-130
JE8068-9MS	96-18-4	1,2,3-Trichloropropane	MS	REC	102	%	70-130
JE8068-9MS	95-63-6	1,2,4-Trimethylbenzene	MS	REC	94	%	70-130
JE8068-9MS	108-67-8	1,3,5-Trimethylbenzene	MS	REC	97	%	70-130
JE8068-9MS	75-01-4	Vinyl chloride	MS	REC	102	%	70-130
JE8068-9MS		m,p-Xylene	MS	REC	70	%	70-130
JE8068-9MS	95-47-6	o-Xylene	MS	REC	84	%	70-130
JE8068-9MS	1868-53-7	Dibromofluoromethane	MS	SURR	106	%	70-130
JE8068-9MS	2037-26-5	Toluene-D8	MS	SURR	98	%	70-130
JE8068-9MS	460-00-4	4-Bromofluorobenzene	MS	SURR	107	%	70-130
JE8068-9MSD	67-64-1	Acetone	MSD	REC	78	%	70-130
JE8068-9MSD	67-64-1	Acetone	MSD	RPD	3	%	30
JE8068-9MSD	107-13-1	Acrylonitrile	MSD	REC	54	%	70-130
JE8068-9MSD	107-13-1	Acrylonitrile	MSD	RPD	2	%	30
JE8068-9MSD	71-43-2	Benzene	MSD	REC	86	%	70-130
JE8068-9MSD	71-43-2	Benzene	MSD	RPD	0	%	30
JE8068-9MSD	108-86-1	Bromobenzene	MSD	REC	103	%	70-130
JE8068-9MSD	108-86-1	Bromobenzene	MSD	RPD	2	%	30
JE8068-9MSD	74-97-5	Bromochloromethane	MSD	REC	98	%	70-130
JE8068-9MSD	74-97-5	Bromochloromethane	MSD	RPD	1	%	30
JE8068-9MSD	75-27-4	Bromodichloromethane	MSD	REC	86	%	70-130
JE8068-9MSD	75-27-4	Bromodichloromethane	MSD	RPD	1	%	30
JE8068-9MSD	75-25-2	Bromoform	MSD	REC	78	%	70-130
JE8068-9MSD	75-25-2	Bromoform	MSD	RPD	4	%	30
JE8068-9MSD	74-83-9	Bromomethane	MSD	REC	115	%	70-130
JE8068-9MSD	74-83-9	Bromomethane	MSD	RPD	9	%	30
JE8068-9MSD	78-93-3	2-Butanone (MEK)	MSD	REC	92	%	70-130
JE8068-9MSD	78-93-3	2-Butanone (MEK)	MSD	RPD	2	%	30
JE8068-9MSD	104-51-8	n-Butylbenzene	MSD	REC	111	%	70-130
JE8068-9MSD	104-51-8	n-Butylbenzene	MSD	RPD	2	%	30
JE8068-9MSD	135-98-8	sec-Butylbenzene	MSD	REC	109	%	70-130
JE8068-9MSD	135-98-8	sec-Butylbenzene	MSD	RPD	2	%	30
JE8068-9MSD	98-06-6	tert-Butylbenzene	MSD	REC	111	%	70-130
JE8068-9MSD	98-06-6	tert-Butylbenzene	MSD	RPD	2	%	30
JE8068-9MSD	75-15-0	Carbon disulfide	MSD	REC	88	%	70-130
JE8068-9MSD	75-15-0	Carbon disulfide	MSD	RPD	3	%	30
JE8068-9MSD	56-23-5	Carbon tetrachloride	MSD	REC	88	%	70-130
JE8068-9MSD	56-23-5	Carbon tetrachloride	MSD	RPD	3	%	30
JE8068-9MSD	108-90-7	Chlorobenzene	MSD	REC	91	%	70-130
JE8068-9MSD	108-90-7	Chlorobenzene	MSD	RPD	1	%	30
JE8068-9MSD	75-00-3	Chloroethane	MSD	REC	98	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JE8068-9MSD	75-00-3	Chloroethane	MSD	RPD	1	%	30
JE8068-9MSD	67-66-3	Chloroform	MSD	REC	94	%	70-130
JE8068-9MSD	67-66-3	Chloroform	MSD	RPD	2	%	30
JE8068-9MSD	74-87-3	Chloromethane	MSD	REC	101	%	70-130
JE8068-9MSD	74-87-3	Chloromethane	MSD	RPD	3	%	30
JE8068-9MSD	95-49-8	o-Chlorotoluene	MSD	REC	100	%	70-130
JE8068-9MSD	95-49-8	o-Chlorotoluene	MSD	RPD	1	%	30
JE8068-9MSD	106-43-4	p-Chlorotoluene	MSD	REC	103	%	70-130
JE8068-9MSD	106-43-4	p-Chlorotoluene	MSD	RPD	3	%	30
JE8068-9MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	REC	85	%	70-130
JE8068-9MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	RPD	3	%	30
JE8068-9MSD	124-48-1	Dibromochloromethane	MSD	REC	84	%	70-130
JE8068-9MSD	124-48-1	Dibromochloromethane	MSD	RPD	0	%	30
JE8068-9MSD	106-93-4	1,2-Dibromoethane	MSD	REC	88	%	70-130
JE8068-9MSD	106-93-4	1,2-Dibromoethane	MSD	RPD	2	%	30
JE8068-9MSD	95-50-1	1,2-Dichlorobenzene	MSD	REC	96	%	70-130
JE8068-9MSD	95-50-1	1,2-Dichlorobenzene	MSD	RPD	0	%	30
JE8068-9MSD	541-73-1	1,3-Dichlorobenzene	MSD	REC	96	%	70-130
JE8068-9MSD	541-73-1	1,3-Dichlorobenzene	MSD	RPD	2	%	30
JE8068-9MSD	106-46-7	1,4-Dichlorobenzene	MSD	REC	91	%	70-130
JE8068-9MSD	106-46-7	1,4-Dichlorobenzene	MSD	RPD	2	%	30
JE8068-9MSD	110-57-6	trans-1,4-Dichloro-2-Butene	MSD	REC	88	%	70-130
JE8068-9MSD	110-57-6	trans-1,4-Dichloro-2-Butene	MSD	RPD	0	%	30
JE8068-9MSD	75-71-8	Dichlorodifluoromethane	MSD	REC	113	%	70-130
JE8068-9MSD	75-71-8	Dichlorodifluoromethane	MSD	RPD	2	%	30
JE8068-9MSD	75-34-3	1,1-Dichloroethane	MSD	REC	90	%	70-130
JE8068-9MSD	75-34-3	1,1-Dichloroethane	MSD	RPD	3	%	30
JE8068-9MSD	107-06-2	1,2-Dichloroethane	MSD	REC	86	%	70-130
JE8068-9MSD	107-06-2	1,2-Dichloroethane	MSD	RPD	1	%	30
JE8068-9MSD	75-35-4	1,1-Dichloroethene	MSD	REC	91	%	70-130
JE8068-9MSD	75-35-4	1,1-Dichloroethene	MSD	RPD	0	%	30
JE8068-9MSD	156-59-2	cis-1,2-Dichloroethene	MSD	REC	95	%	70-130
JE8068-9MSD	156-59-2	cis-1,2-Dichloroethene	MSD	RPD	1	%	30
JE8068-9MSD	156-60-5	trans-1,2-Dichloroethene	MSD	REC	91	%	70-130
JE8068-9MSD	156-60-5	trans-1,2-Dichloroethene	MSD	RPD	2	%	30
JE8068-9MSD	78-87-5	1,2-Dichloropropane	MSD	REC	85	%	70-130
JE8068-9MSD	78-87-5	1,2-Dichloropropane	MSD	RPD	1	%	30
JE8068-9MSD	142-28-9	1,3-Dichloropropane	MSD	REC	89	%	70-130
JE8068-9MSD	142-28-9	1,3-Dichloropropane	MSD	RPD	3	%	30
JE8068-9MSD	594-20-7	2,2-Dichloropropane	MSD	REC	96	%	70-130
JE8068-9MSD	594-20-7	2,2-Dichloropropane	MSD	RPD	3	%	30
JE8068-9MSD	563-58-6	1,1-Dichloropropene	MSD	REC	92	%	70-130
JE8068-9MSD	563-58-6	1,1-Dichloropropene	MSD	RPD	1	%	30
JE8068-9MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	REC	91	%	70-130
JE8068-9MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	RPD	0	%	30

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JE8068-9MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	REC	87	%	70-130
JE8068-9MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	RPD	1	%	30
JE8068-9MSD	123-91-1	1,4-Dioxane	MSD	REC	96	%	70-130
JE8068-9MSD	123-91-1	1,4-Dioxane	MSD	RPD	6	%	30
JE8068-9MSD	60-29-7	Ethyl Ether	MSD	REC	92	%	70-130
JE8068-9MSD	60-29-7	Ethyl Ether	MSD	RPD	1	%	30
JE8068-9MSD	100-41-4	Ethylbenzene	MSD	REC	72	%	70-130
JE8068-9MSD	100-41-4	Ethylbenzene	MSD	RPD	2	%	30
JE8068-9MSD	76-13-1	Freon 113	MSD	REC	89	%	70-130
JE8068-9MSD	76-13-1	Freon 113	MSD	RPD	2	%	30
JE8068-9MSD	87-68-3	Hexachlorobutadiene	MSD	REC	91	%	70-130
JE8068-9MSD	87-68-3	Hexachlorobutadiene	MSD	RPD	9	%	30
JE8068-9MSD	591-78-6	2-Hexanone	MSD	REC	81	%	70-130
JE8068-9MSD	591-78-6	2-Hexanone	MSD	RPD	5	%	30
JE8068-9MSD	98-82-8	Isopropylbenzene	MSD	REC	95	%	70-130
JE8068-9MSD	98-82-8	Isopropylbenzene	MSD	RPD	2	%	30
JE8068-9MSD	99-87-6	p-Isopropyltoluene	MSD	REC	110	%	70-130
JE8068-9MSD	99-87-6	p-Isopropyltoluene	MSD	RPD	2	%	30
JE8068-9MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	REC	93	%	70-130
JE8068-9MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	RPD	1	%	30
JE8068-9MSD	108-10-1	4-Methyl-2-pentanone(MIBK)	MSD	REC	88	%	70-130
JE8068-9MSD	108-10-1	4-Methyl-2-pentanone(MIBK)	MSD	RPD	0	%	30
JE8068-9MSD	74-95-3	Methylene bromide	MSD	REC	90	%	70-130
JE8068-9MSD	74-95-3	Methylene bromide	MSD	RPD	2	%	30
JE8068-9MSD	75-09-2	Methylene chloride	MSD	REC	102	%	70-130
JE8068-9MSD	75-09-2	Methylene chloride	MSD	RPD	5	%	30
JE8068-9MSD	91-20-3	Naphthalene	MSD	REC	105	%	70-130
JE8068-9MSD	91-20-3	Naphthalene	MSD	RPD	1	%	30
JE8068-9MSD	103-65-1	n-Propylbenzene	MSD	REC	108	%	70-130
JE8068-9MSD	103-65-1	n-Propylbenzene	MSD	RPD	1	%	30
JE8068-9MSD	100-42-5	Styrene	MSD	REC	96	%	70-130
JE8068-9MSD	100-42-5	Styrene	MSD	RPD	3	%	30
JE8068-9MSD	994-05-8	tert-Amyl Methyl Ether	MSD	REC	88	%	70-130
JE8068-9MSD	994-05-8	tert-Amyl Methyl Ether	MSD	RPD	2	%	30
JE8068-9MSD	637-92-3	tert-Butyl Ethyl Ether	MSD	REC	93	%	70-130
JE8068-9MSD	637-92-3	tert-Butyl Ethyl Ether	MSD	RPD	3	%	30
JE8068-9MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	REC	88	%	70-130
JE8068-9MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	RPD	1	%	30
JE8068-9MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	REC	95	%	70-130
JE8068-9MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	RPD	1	%	30
JE8068-9MSD	127-18-4	Tetrachloroethene	MSD	REC	89	%	70-130
JE8068-9MSD	127-18-4	Tetrachloroethene	MSD	RPD	1	%	30
JE8068-9MSD	109-99-9	Tetrahydrofuran	MSD	REC	89	%	70-130
JE8068-9MSD	109-99-9	Tetrahydrofuran	MSD	RPD	2	%	30
JE8068-9MSD	108-88-3	Toluene	MSD	REC	75	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JE8068-9MSD	108-88-3	Toluene	MSD	RPD	1	%	30
JE8068-9MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	REC	98	%	70-130
JE8068-9MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	RPD	1	%	30
JE8068-9MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	REC	101	%	70-130
JE8068-9MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	RPD	4	%	30
JE8068-9MSD	71-55-6	1,1,1-Trichloroethane	MSD	REC	96	%	70-130
JE8068-9MSD	71-55-6	1,1,1-Trichloroethane	MSD	RPD	2	%	30
JE8068-9MSD	79-00-5	1,1,2-Trichloroethane	MSD	REC	86	%	70-130
JE8068-9MSD	79-00-5	1,1,2-Trichloroethane	MSD	RPD	1	%	30
JE8068-9MSD	79-01-6	Trichloroethene	MSD	REC	89	%	70-130
JE8068-9MSD	79-01-6	Trichloroethene	MSD	RPD	1	%	30
JE8068-9MSD	75-69-4	Trichlorofluoromethane	MSD	REC	109	%	70-130
JE8068-9MSD	75-69-4	Trichlorofluoromethane	MSD	RPD	2	%	30
JE8068-9MSD	96-18-4	1,2,3-Trichloropropane	MSD	REC	104	%	70-130
JE8068-9MSD	96-18-4	1,2,3-Trichloropropane	MSD	RPD	1	%	30
JE8068-9MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	REC	98	%	70-130
JE8068-9MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	RPD	1	%	30
JE8068-9MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	REC	99	%	70-130
JE8068-9MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	RPD	2	%	30
JE8068-9MSD	75-01-4	Vinyl chloride	MSD	REC	103	%	70-130
JE8068-9MSD	75-01-4	Vinyl chloride	MSD	RPD	1	%	30
JE8068-9MSD		m,p-Xylene	MSD	REC	64	%	70-130
JE8068-9MSD		m,p-Xylene	MSD	RPD	2	%	30
JE8068-9MSD	95-47-6	o-Xylene	MSD	REC	74	%	70-130
JE8068-9MSD	95-47-6	o-Xylene	MSD	RPD	4	%	30
JE8068-9MSD	1868-53-7	Dibromofluoromethane	MSD	SURR	107	%	70-130
JE8068-9MSD	2037-26-5	Toluene-D8	MSD	SURR	95	%	70-130
JE8068-9MSD	460-00-4	4-Bromofluorobenzene	MSD	SURR	107	%	70-130
V5A403-MB	1868-53-7	Dibromofluoromethane	MB	SURR	109	%	70-130
V5A403-MB	2037-26-5	Toluene-D8	MB	SURR	102	%	70-130
V5A403-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	99	%	70-130
JE8068-3	1868-53-7	Dibromofluoromethane	SAMP	SURR	111	%	70-130
JE8068-3	2037-26-5	Toluene-D8	SAMP	SURR	102	%	70-130
JE8068-3	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	70-130
JE8068-5	1868-53-7	Dibromofluoromethane	SAMP	SURR	111	%	70-130
JE8068-5	2037-26-5	Toluene-D8	SAMP	SURR	102	%	70-130
JE8068-5	460-00-4	4-Bromofluorobenzene	SAMP	SURR	102	%	70-130
JE8068-8	1868-53-7	Dibromofluoromethane	SAMP	SURR	110	%	70-130
JE8068-8	2037-26-5	Toluene-D8	SAMP	SURR	101	%	70-130
JE8068-8	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	70-130
JE8068-9	1868-53-7	Dibromofluoromethane	SAMP	SURR	109	%	70-130
JE8068-9	2037-26-5	Toluene-D8	SAMP	SURR	101	%	70-130
JE8068-9	460-00-4	4-Bromofluorobenzene	SAMP	SURR	100	%	70-130
JE8068-11	1868-53-7	Dibromofluoromethane	SAMP	SURR	113	%	70-130
JE8068-11	2037-26-5	Toluene-D8	SAMP	SURR	101	%	70-130

* Sample used for QC is not from job JE8068

QC Evaluation: CT RCP Limits

Job Number: JE8068
Account: Groundwater & Environmental Services
Project: Eversource, Berlin, CT
Collected: 03/19/25 thru 03/20/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
JE8068-11	460-00-4	4-Bromofluorobenzene	SAMP	SURR	102	%	70-130
JE8068-12	1868-53-7	Dibromofluoromethane	SAMP	SURR	111	%	70-130
JE8068-12	2037-26-5	Toluene-D8	SAMP	SURR	100	%	70-130
JE8068-12	460-00-4	4-Bromofluorobenzene	SAMP	SURR	102	%	70-130

* Sample used for QC is not from job JE8068

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4A403-MB	4A14419.D	1	03/25/25	ED	n/a	n/a	V4A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-2, JE8068-4, JE8068-6, JE8068-13

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	10	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	0.61	2.0	ug/l	J
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	

Method Blank Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4A403-MB	4A14419.D	1	03/25/25	ED	n/a	n/a	V4A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-2, JE8068-4, JE8068-6, JE8068-13

CAS No.	Compound	Result	RL	Units	Q
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.95	2.0	ug/l	J
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

Method Blank Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4A403-MB	4A14419.D	1	03/25/25	ED	n/a	n/a	V4A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-2, JE8068-4, JE8068-6, JE8068-13

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	110%	80-120%
17060-07-0	1,2-Dichloroethane-D4	104%	80-120%
2037-26-5	Toluene-D8	102%	80-120%
460-00-4	4-Bromofluorobenzene	103%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5A403-MB	5A14420.D	1	03/25/25	ED	n/a	n/a	V5A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-3, JE8068-5, JE8068-8, JE8068-9, JE8068-11, JE8068-12

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	10	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	

Method Blank Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5A403-MB	5A14420.D	1	03/25/25	ED	n/a	n/a	V5A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-3, JE8068-5, JE8068-8, JE8068-9, JE8068-11, JE8068-12

CAS No.	Compound	Result	RL	Units	Q
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	0.75	2.0	ug/l	J
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

Method Blank Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5A403-MB	5A14420.D	1	03/25/25	ED	n/a	n/a	V5A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-3, JE8068-5, JE8068-8, JE8068-9, JE8068-11, JE8068-12

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	109%	80-120%
17060-07-0	1,2-Dichloroethane-D4	107%	80-120%
2037-26-5	Toluene-D8	102%	80-120%
460-00-4	4-Bromofluorobenzene	99%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1S358-MB	1S013507.D	1	03/27/25	ED	n/a	n/a	V1S358

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-10, JE8068-12

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	10	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	

Method Blank Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1S358-MB	1S013507.D	1	03/27/25	ED	n/a	n/a	V1S358

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-10, JE8068-12

CAS No.	Compound	Result	RL	Units	Q
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

Method Blank Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1S358-MB	1S013507.D	1	03/27/25	ED	n/a	n/a	V1S358

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-10, JE8068-12

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	106%	80-120%
17060-07-0	1,2-Dichloroethane-D4	102%	80-120%
2037-26-5	Toluene-D8	99%	80-120%
460-00-4	4-Bromofluorobenzene	100%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2S358-MB	2S013508.D	1	03/27/25	ED	n/a	n/a	V2S358

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-7

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	10	ug/l	
107-13-1	Acrylonitrile	ND	10	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	

Method Blank Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2S358-MB	2S013508.D	1	03/27/25	ED	n/a	n/a	V2S358

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-7

CAS No.	Compound	Result	RL	Units	Q
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	ND	2.0	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

Method Blank Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2S358-MB	2S013508.D	1	03/27/25	ED	n/a	n/a	V2S358

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-7

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	80-120%
17060-07-0	1,2-Dichloroethane-D4	99%	80-120%
2037-26-5	Toluene-D8	98%	80-120%
460-00-4	4-Bromofluorobenzene	100%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2X9034-MB	2X213634.D	1	03/31/25	ED	n/a	n/a	V2X9034

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-1

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	6.3	10	ug/l	J
107-13-1	Acrylonitrile	ND	10	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	ug/l	
74-97-5	Bromochloromethane	ND	1.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	ug/l	
75-15-0	Carbon disulfide	ND	2.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	ug/l	

Method Blank Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2X9034-MB	2X213634.D	1	03/31/25	ED	n/a	n/a	V2X9034

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-1

CAS No.	Compound	Result	RL	Units	Q
563-58-6	1,1-Dichloropropene	ND	1.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/l	
123-91-1	1,4-Dioxane	ND	130	ug/l	
60-29-7	Ethyl Ether	1.4	2.0	ug/l	J
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	1.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	ug/l	
100-42-5	Styrene	ND	1.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	

Method Blank Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2X9034-MB	2X213634.D	1	03/31/25	ED	n/a	n/a	V2X9034

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-1

CAS No.	Compound	Result	RL	Units	Q
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	80-120%
17060-07-0	1,2-Dichloroethane-D4	100%	80-120%
2037-26-5	Toluene-D8	105%	80-120%
460-00-4	4-Bromofluorobenzene	104%	82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4A403-BS	4A14415.D	1	03/25/25	ED	n/a	n/a	V4A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-2, JE8068-4, JE8068-6, JE8068-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	157	79	27-175
107-13-1	Acrylonitrile	50	44.4	89	59-144
71-43-2	Benzene	50	44.8	90	80-115
108-86-1	Bromobenzene	50	47.6	95	79-119
74-97-5	Bromochloromethane	50	49.9	100	83-122
75-27-4	Bromodichloromethane	50	42.5	85	82-119
75-25-2	Bromoform	50	38.4	77	77-135
74-83-9	Bromomethane	50	49.1	98	40-162
78-93-3	2-Butanone (MEK)	200	189	95	61-150
104-51-8	n-Butylbenzene	50	53.9	108	77-124
135-98-8	sec-Butylbenzene	50	53.0	106	75-121
98-06-6	tert-Butylbenzene	50	51.4	103	74-120
75-15-0	Carbon disulfide	50	45.2	90	64-130
56-23-5	Carbon tetrachloride	50	45.5	91	75-127
108-90-7	Chlorobenzene	50	45.3	91	80-115
75-00-3	Chloroethane	50	50.6	101	56-144
67-66-3	Chloroform	50	46.1	92	75-116
74-87-3	Chloromethane	50	51.5	103	41-153
95-49-8	o-Chlorotoluene	50	50.1	100	79-119
106-43-4	p-Chlorotoluene	50	50.2	100	77-117
96-12-8	1,2-Dibromo-3-chloropropane	50	43.6	87	69-134
124-48-1	Dibromochloromethane	50	43.1	86	81-123
106-93-4	1,2-Dibromoethane	50	46.8	94	67-138
95-50-1	1,2-Dichlorobenzene	50	48.0	96	81-117
541-73-1	1,3-Dichlorobenzene	50	48.4	97	81-115
106-46-7	1,4-Dichlorobenzene	50	46.0	92	80-114
110-57-6	trans-1,4-Dichloro-2-Butene	50	38.3	77	41-152
75-71-8	Dichlorodifluoromethane	50	57.5	115	43-152
75-34-3	1,1-Dichloroethane	50	45.1	90	75-125
107-06-2	1,2-Dichloroethane	50	42.5	85	73-117
75-35-4	1,1-Dichloroethene	50	49.9	100	70-124
156-59-2	cis-1,2-Dichloroethene	50	47.5	95	80-120
156-60-5	trans-1,2-Dichloroethene	50	46.4	93	77-121
78-87-5	1,2-Dichloropropane	50	43.9	88	79-121
142-28-9	1,3-Dichloropropane	50	47.2	94	81-117
594-20-7	2,2-Dichloropropane	50	49.2	98	70-131

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4A403-BS	4A14415.D	1	03/25/25	ED	n/a	n/a	V4A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-2, JE8068-4, JE8068-6, JE8068-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
563-58-6	1,1-Dichloropropene	50	49.9	100	77-122
10061-01-5	cis-1,3-Dichloropropene	50	46.2	92	83-123
10061-02-6	trans-1,3-Dichloropropene	50	46.1	92	83-122
123-91-1	1,4-Dioxane	1250	1180	94	64-150
60-29-7	Ethyl Ether	50	48.9	98	74-132
100-41-4	Ethylbenzene	50	45.9	92	78-116
76-13-1	Freon 113	50	48.3	97	68-134
87-68-3	Hexachlorobutadiene	50	44.8	90	55-136
591-78-6	2-Hexanone	200	155	78	66-136
98-82-8	Isopropylbenzene	50	46.5	93	78-121
99-87-6	p-Isopropyltoluene	50	50.3	101	78-121
1634-04-4	Methyl Tert Butyl Ether	50	49.8	100	76-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	162	81	73-134
74-95-3	Methylene bromide	50	43.7	87	82-117
75-09-2	Methylene chloride	50	47.0	94	73-123
91-20-3	Naphthalene	50	48.2	96	64-136
103-65-1	n-Propylbenzene	50	50.8	102	75-121
100-42-5	Styrene	50	46.9	94	81-125
994-05-8	tert-Amyl Methyl Ether	50	45.2	90	80-119
637-92-3	tert-Butyl Ethyl Ether	50	48.6	97	77-124
630-20-6	1,1,1,2-Tetrachloroethane	50	44.9	90	81-124
79-34-5	1,1,2,2-Tetrachloroethane	50	45.3	91	73-126
127-18-4	Tetrachloroethene	50	42.9	86	73-119
109-99-9	Tetrahydrofuran	50	42.7	85	63-133
108-88-3	Toluene	50	44.6	89	79-116
87-61-6	1,2,3-Trichlorobenzene	50	45.1	90	63-137
120-82-1	1,2,4-Trichlorobenzene	50	47.7	95	68-135
71-55-6	1,1,1-Trichloroethane	50	46.9	94	76-124
79-00-5	1,1,2-Trichloroethane	50	47.6	95	83-117
79-01-6	Trichloroethene	50	45.2	90	80-118
75-69-4	Trichlorofluoromethane	50	58.9	118	67-134
96-18-4	1,2,3-Trichloropropane	50	49.1	98	75-123
95-63-6	1,2,4-Trimethylbenzene	50	50.4	101	78-120
108-67-8	1,3,5-Trimethylbenzene	50	48.9	98	77-120
75-01-4	Vinyl chloride	50	54.6	109	52-146
	m,p-Xylene	100	91.6	92	79-119

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4A403-BS	4A14415.D	1	03/25/25	ED	n/a	n/a	V4A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-2, JE8068-4, JE8068-6, JE8068-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-47-6	o-Xylene	50	46.2	92	81-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	107%	80-120%
17060-07-0	1,2-Dichloroethane-D4	96%	80-120%
2037-26-5	Toluene-D8	97%	80-120%
460-00-4	4-Bromofluorobenzene	106%	82-114%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5A403-BS	5A14416.D	1	03/25/25	ED	n/a	n/a	V5A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-3, JE8068-5, JE8068-8, JE8068-9, JE8068-11, JE8068-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	163	82	27-175
107-13-1	Acrylonitrile	50	44.5	89	59-144
71-43-2	Benzene	50	44.6	89	80-115
108-86-1	Bromobenzene	50	51.4	103	79-119
74-97-5	Bromochloromethane	50	48.9	98	83-122
75-27-4	Bromodichloromethane	50	42.9	86	82-119
75-25-2	Bromoform	50	38.3	77	77-135
74-83-9	Bromomethane	50	52.4	105	40-162
78-93-3	2-Butanone (MEK)	200	195	98	61-150
104-51-8	n-Butylbenzene	50	55.6	111	77-124
135-98-8	sec-Butylbenzene	50	54.9	110	75-121
98-06-6	tert-Butylbenzene	50	55.6	111	74-120
75-15-0	Carbon disulfide	50	45.8	92	64-130
56-23-5	Carbon tetrachloride	50	44.8	90	75-127
108-90-7	Chlorobenzene	50	46.1	92	80-115
75-00-3	Chloroethane	50	50.1	100	56-144
67-66-3	Chloroform	50	46.9	94	75-116
74-87-3	Chloromethane	50	51.0	102	41-153
95-49-8	o-Chlorotoluene	50	51.0	102	79-119
106-43-4	p-Chlorotoluene	50	51.6	103	77-117
96-12-8	1,2-Dibromo-3-chloropropane	50	45.1	90	69-134
124-48-1	Dibromochloromethane	50	43.0	86	81-123
106-93-4	1,2-Dibromoethane	50	44.8	90	67-138
95-50-1	1,2-Dichlorobenzene	50	49.3	99	81-117
541-73-1	1,3-Dichlorobenzene	50	48.2	96	81-115
106-46-7	1,4-Dichlorobenzene	50	46.4	93	80-114
110-57-6	trans-1,4-Dichloro-2-Butene	50	42.1	84	41-152
75-71-8	Dichlorodifluoromethane	50	59.8	120	43-152
75-34-3	1,1-Dichloroethane	50	45.8	92	75-125
107-06-2	1,2-Dichloroethane	50	42.7	85	73-117
75-35-4	1,1-Dichloroethene	50	49.0	98	70-124
156-59-2	cis-1,2-Dichloroethene	50	49.4	99	80-120
156-60-5	trans-1,2-Dichloroethene	50	47.8	96	77-121
78-87-5	1,2-Dichloropropane	50	42.7	85	79-121
142-28-9	1,3-Dichloropropane	50	44.9	90	81-117
594-20-7	2,2-Dichloropropane	50	47.8	96	70-131

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5A403-BS	5A14416.D	1	03/25/25	ED	n/a	n/a	V5A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-3, JE8068-5, JE8068-8, JE8068-9, JE8068-11, JE8068-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
563-58-6	1,1-Dichloropropene	50	46.8	94	77-122
10061-01-5	cis-1,3-Dichloropropene	50	45.8	92	83-123
10061-02-6	trans-1,3-Dichloropropene	50	43.9	88	83-122
123-91-1	1,4-Dioxane	1250	1270	102	64-150
60-29-7	Ethyl Ether	50	48.4	97	74-132
100-41-4	Ethylbenzene	50	45.8	92	78-116
76-13-1	Freon 113	50	47.5	95	68-134
87-68-3	Hexachlorobutadiene	50	47.2	94	55-136
591-78-6	2-Hexanone	200	161	81	66-136
98-82-8	Isopropylbenzene	50	48.9	98	78-121
99-87-6	p-Isopropyltoluene	50	54.8	110	78-121
1634-04-4	Methyl Tert Butyl Ether	50	46.7	93	76-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	172	86	73-134
74-95-3	Methylene bromide	50	44.9	90	82-117
75-09-2	Methylene chloride	50	47.8	96	73-123
91-20-3	Naphthalene	50	48.9	98	64-136
103-65-1	n-Propylbenzene	50	53.4	107	75-121
100-42-5	Styrene	50	47.5	95	81-125
994-05-8	tert-Amyl Methyl Ether	50	44.0	88	80-119
637-92-3	tert-Butyl Ethyl Ether	50	46.5	93	77-124
630-20-6	1,1,1,2-Tetrachloroethane	50	44.6	89	81-124
79-34-5	1,1,2,2-Tetrachloroethane	50	46.3	93	73-126
127-18-4	Tetrachloroethene	50	45.8	92	73-119
109-99-9	Tetrahydrofuran	50	44.9	90	63-133
108-88-3	Toluene	50	43.1	86	79-116
87-61-6	1,2,3-Trichlorobenzene	50	48.6	97	63-137
120-82-1	1,2,4-Trichlorobenzene	50	48.6	97	68-135
71-55-6	1,1,1-Trichloroethane	50	48.2	96	76-124
79-00-5	1,1,2-Trichloroethane	50	43.0	86	83-117
79-01-6	Trichloroethene	50	44.7	89	80-118
75-69-4	Trichlorofluoromethane	50	58.0	116	67-134
96-18-4	1,2,3-Trichloropropane	50	51.2	102	75-123
95-63-6	1,2,4-Trimethylbenzene	50	52.5	105	78-120
108-67-8	1,3,5-Trimethylbenzene	50	51.2	102	77-120
75-01-4	Vinyl chloride	50	54.8	110	52-146
	m,p-Xylene	100	91.8	92	79-119

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5A403-BS	5A14416.D	1	03/25/25	ED	n/a	n/a	V5A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-3, JE8068-5, JE8068-8, JE8068-9, JE8068-11, JE8068-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-47-6	o-Xylene	50	47.1	94	81-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	106%	80-120%
17060-07-0	1,2-Dichloroethane-D4	98%	80-120%
2037-26-5	Toluene-D8	96%	80-120%
460-00-4	4-Bromofluorobenzene	106%	82-114%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1S358-BS	1S013502.D	1	03/27/25	ED	n/a	n/a	V1S358

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-10, JE8068-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	184	92	27-175
107-13-1	Acrylonitrile	50	36.1	72	59-144
71-43-2	Benzene	50	46.9	94	80-115
108-86-1	Bromobenzene	50	49.1	98	79-119
74-97-5	Bromochloromethane	50	48.3	97	83-122
75-27-4	Bromodichloromethane	50	48.9	98	82-119
75-25-2	Bromoform	50	49.5	99	77-135
74-83-9	Bromomethane	50	51.7	103	40-162
78-93-3	2-Butanone (MEK)	200	198	99	61-150
104-51-8	n-Butylbenzene	50	50.6	101	77-124
135-98-8	sec-Butylbenzene	50	52.4	105	75-121
98-06-6	tert-Butylbenzene	50	51.3	103	74-120
75-15-0	Carbon disulfide	50	46.3	93	64-130
56-23-5	Carbon tetrachloride	50	50.3	101	75-127
108-90-7	Chlorobenzene	50	47.4	95	80-115
75-00-3	Chloroethane	50	46.6	93	56-144
67-66-3	Chloroform	50	44.2	88	75-116
74-87-3	Chloromethane	50	42.3	85	41-153
95-49-8	o-Chlorotoluene	50	49.5	99	79-119
106-43-4	p-Chlorotoluene	50	49.4	99	77-117
96-12-8	1,2-Dibromo-3-chloropropane	50	48.9	98	69-134
124-48-1	Dibromochloromethane	50	49.0	98	81-123
106-93-4	1,2-Dibromoethane	50	48.9	98	67-138
95-50-1	1,2-Dichlorobenzene	50	48.6	97	81-117
541-73-1	1,3-Dichlorobenzene	50	49.6	99	81-115
106-46-7	1,4-Dichlorobenzene	50	48.6	97	80-114
110-57-6	trans-1,4-Dichloro-2-Butene	50	46.7	93	41-152
75-71-8	Dichlorodifluoromethane	50	43.3	87	43-152
75-34-3	1,1-Dichloroethane	50	47.1	94	75-125
107-06-2	1,2-Dichloroethane	50	45.1	90	73-117
75-35-4	1,1-Dichloroethene	50	47.6	95	70-124
156-59-2	cis-1,2-Dichloroethene	50	48.4	97	80-120
156-60-5	trans-1,2-Dichloroethene	50	49.1	98	77-121
78-87-5	1,2-Dichloropropane	50	47.4	95	79-121
142-28-9	1,3-Dichloropropane	50	46.0	92	81-117
594-20-7	2,2-Dichloropropane	50	52.9	106	70-131

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1S358-BS	1S013502.D	1	03/27/25	ED	n/a	n/a	V1S358

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-10, JE8068-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
563-58-6	1,1-Dichloropropene	50	49.5	99	77-122
10061-01-5	cis-1,3-Dichloropropene	50	51.4	103	83-123
10061-02-6	trans-1,3-Dichloropropene	50	51.7	103	83-122
123-91-1	1,4-Dioxane	1250	1200	96	64-150
60-29-7	Ethyl Ether	50	46.7	93	74-132
100-41-4	Ethylbenzene	50	46.8	94	78-116
76-13-1	Freon 113	50	51.6	103	68-134
87-68-3	Hexachlorobutadiene	50	53.0	106	55-136
591-78-6	2-Hexanone	200	202	101	66-136
98-82-8	Isopropylbenzene	50	50.6	101	78-121
99-87-6	p-Isopropyltoluene	50	51.8	104	78-121
1634-04-4	Methyl Tert Butyl Ether	50	49.8	100	76-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	207	104	73-134
74-95-3	Methylene bromide	50	47.7	95	82-117
75-09-2	Methylene chloride	50	47.1	94	73-123
91-20-3	Naphthalene	50	53.8	108	64-136
103-65-1	n-Propylbenzene	50	50.7	101	75-121
100-42-5	Styrene	50	51.8	104	81-125
994-05-8	tert-Amyl Methyl Ether	50	50.3	101	80-119
637-92-3	tert-Butyl Ethyl Ether	50	49.8	100	77-124
630-20-6	1,1,1,2-Tetrachloroethane	50	50.8	102	81-124
79-34-5	1,1,2,2-Tetrachloroethane	50	49.4	99	73-126
127-18-4	Tetrachloroethene	50	49.5	99	73-119
109-99-9	Tetrahydrofuran	50	47.8	96	63-133
108-88-3	Toluene	50	46.6	93	79-116
87-61-6	1,2,3-Trichlorobenzene	50	51.3	103	63-137
120-82-1	1,2,4-Trichlorobenzene	50	52.1	104	68-135
71-55-6	1,1,1-Trichloroethane	50	49.1	98	76-124
79-00-5	1,1,2-Trichloroethane	50	47.6	95	83-117
79-01-6	Trichloroethene	50	49.9	100	80-118
75-69-4	Trichlorofluoromethane	50	49.2	98	67-134
96-18-4	1,2,3-Trichloropropane	50	50.0	100	75-123
95-63-6	1,2,4-Trimethylbenzene	50	52.1	104	78-120
108-67-8	1,3,5-Trimethylbenzene	50	51.9	104	77-120
75-01-4	Vinyl chloride	50	46.2	92	52-146
	m,p-Xylene	100	97.4	97	79-119

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1S358-BS	1S013502.D	1	03/27/25	ED	n/a	n/a	V1S358

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-10, JE8068-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-47-6	o-Xylene	50	51.1	102	81-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	80-120%
17060-07-0	1,2-Dichloroethane-D4	95%	80-120%
2037-26-5	Toluene-D8	99%	80-120%
460-00-4	4-Bromofluorobenzene	102%	82-114%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2S358-BS	2S013505.D	1	03/27/25	ED	n/a	n/a	V2S358

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	194	97	27-175
107-13-1	Acrylonitrile	50	38.1	76	59-144
71-43-2	Benzene	50	49.8	100	80-115
108-86-1	Bromobenzene	50	51.2	102	79-119
74-97-5	Bromochloromethane	50	48.8	98	83-122
75-27-4	Bromodichloromethane	50	49.5	99	82-119
75-25-2	Bromoform	50	52.3	105	77-135
74-83-9	Bromomethane	50	63.0	126	40-162
78-93-3	2-Butanone (MEK)	200	213	107	61-150
104-51-8	n-Butylbenzene	50	54.0	108	77-124
135-98-8	sec-Butylbenzene	50	53.8	108	75-121
98-06-6	tert-Butylbenzene	50	54.2	108	74-120
75-15-0	Carbon disulfide	50	49.0	98	64-130
56-23-5	Carbon tetrachloride	50	52.7	105	75-127
108-90-7	Chlorobenzene	50	49.0	98	80-115
75-00-3	Chloroethane	50	50.2	100	56-144
67-66-3	Chloroform	50	44.5	89	75-116
74-87-3	Chloromethane	50	44.3	89	41-153
95-49-8	o-Chlorotoluene	50	50.5	101	79-119
106-43-4	p-Chlorotoluene	50	52.4	105	77-117
96-12-8	1,2-Dibromo-3-chloropropane	50	52.0	104	69-134
124-48-1	Dibromochloromethane	50	50.8	102	81-123
106-93-4	1,2-Dibromoethane	50	51.9	104	67-138
95-50-1	1,2-Dichlorobenzene	50	50.9	102	81-117
541-73-1	1,3-Dichlorobenzene	50	51.1	102	81-115
106-46-7	1,4-Dichlorobenzene	50	49.7	99	80-114
110-57-6	trans-1,4-Dichloro-2-Butene	50	44.9	90	41-152
75-71-8	Dichlorodifluoromethane	50	46.7	93	43-152
75-34-3	1,1-Dichloroethane	50	47.7	95	75-125
107-06-2	1,2-Dichloroethane	50	47.6	95	73-117
75-35-4	1,1-Dichloroethene	50	50.4	101	70-124
156-59-2	cis-1,2-Dichloroethene	50	51.8	104	80-120
156-60-5	trans-1,2-Dichloroethene	50	51.0	102	77-121
78-87-5	1,2-Dichloropropane	50	47.6	95	79-121
142-28-9	1,3-Dichloropropane	50	50.8	102	81-117
594-20-7	2,2-Dichloropropane	50	54.8	110	70-131

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2S358-BS	2S013505.D	1	03/27/25	ED	n/a	n/a	V2S358

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
563-58-6	1,1-Dichloropropene	50	53.9	108	77-122
10061-01-5	cis-1,3-Dichloropropene	50	53.2	106	83-123
10061-02-6	trans-1,3-Dichloropropene	50	53.6	107	83-122
123-91-1	1,4-Dioxane	1250	1210	97	64-150
60-29-7	Ethyl Ether	50	49.3	99	74-132
100-41-4	Ethylbenzene	50	48.6	97	78-116
76-13-1	Freon 113	50	54.2	108	68-134
87-68-3	Hexachlorobutadiene	50	52.2	104	55-136
591-78-6	2-Hexanone	200	206	103	66-136
98-82-8	Isopropylbenzene	50	52.8	106	78-121
99-87-6	p-Isopropyltoluene	50	54.6	109	78-121
1634-04-4	Methyl Tert Butyl Ether	50	52.5	105	76-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	207	104	73-134
74-95-3	Methylene bromide	50	45.2	90	82-117
75-09-2	Methylene chloride	50	47.6	95	73-123
91-20-3	Naphthalene	50	54.8	110	64-136
103-65-1	n-Propylbenzene	50	52.2	104	75-121
100-42-5	Styrene	50	54.0	108	81-125
994-05-8	tert-Amyl Methyl Ether	50	51.0	102	80-119
637-92-3	tert-Butyl Ethyl Ether	50	51.4	103	77-124
630-20-6	1,1,1,2-Tetrachloroethane	50	53.7	107	81-124
79-34-5	1,1,2,2-Tetrachloroethane	50	50.8	102	73-126
127-18-4	Tetrachloroethene	50	52.3	105	73-119
109-99-9	Tetrahydrofuran	50	47.7	95	63-133
108-88-3	Toluene	50	50.2	100	79-116
87-61-6	1,2,3-Trichlorobenzene	50	51.5	103	63-137
120-82-1	1,2,4-Trichlorobenzene	50	53.1	106	68-135
71-55-6	1,1,1-Trichloroethane	50	51.9	104	76-124
79-00-5	1,1,2-Trichloroethane	50	50.0	100	83-117
79-01-6	Trichloroethene	50	53.3	107	80-118
75-69-4	Trichlorofluoromethane	50	52.4	105	67-134
96-18-4	1,2,3-Trichloropropane	50	50.0	100	75-123
95-63-6	1,2,4-Trimethylbenzene	50	53.5	107	78-120
108-67-8	1,3,5-Trimethylbenzene	50	53.9	108	77-120
75-01-4	Vinyl chloride	50	48.0	96	52-146
	m,p-Xylene	100	102	102	79-119

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2S358-BS	2S013505.D	1	03/27/25	ED	n/a	n/a	V2S358

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-47-6	o-Xylene	50	51.1	102	81-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	80-120%
17060-07-0	1,2-Dichloroethane-D4	94%	80-120%
2037-26-5	Toluene-D8	99%	80-120%
460-00-4	4-Bromofluorobenzene	101%	82-114%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2X9034-BS	2X213632.D	1	03/31/25	ED	n/a	n/a	V2X9034

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	217	109	27-175
107-13-1	Acrylonitrile	50	51.4	103	59-144
71-43-2	Benzene	50	50.1	100	80-115
108-86-1	Bromobenzene	50	51.6	103	79-119
74-97-5	Bromochloromethane	50	49.5	99	83-122
75-27-4	Bromodichloromethane	50	51.0	102	82-119
75-25-2	Bromoform	50	51.1	102	77-135
74-83-9	Bromomethane	50	40.0	80	40-162
78-93-3	2-Butanone (MEK)	200	243	122	61-150
104-51-8	n-Butylbenzene	50	57.1	114	77-124
135-98-8	sec-Butylbenzene	50	53.9	108	75-121
98-06-6	tert-Butylbenzene	50	53.9	108	74-120
75-15-0	Carbon disulfide	50	39.1	78	64-130
56-23-5	Carbon tetrachloride	50	46.0	92	75-127
108-90-7	Chlorobenzene	50	50.6	101	80-115
75-00-3	Chloroethane	50	43.0	86	56-144
67-66-3	Chloroform	50	51.2	102	75-116
74-87-3	Chloromethane	50	32.8	66	41-153
95-49-8	o-Chlorotoluene	50	53.4	107	79-119
106-43-4	p-Chlorotoluene	50	51.3	103	77-117
96-12-8	1,2-Dibromo-3-chloropropane	50	54.8	110	69-134
124-48-1	Dibromochloromethane	50	53.4	107	81-123
106-93-4	1,2-Dibromoethane	50	56.5	113	67-138
95-50-1	1,2-Dichlorobenzene	50	52.5	105	81-117
541-73-1	1,3-Dichlorobenzene	50	52.0	104	81-115
106-46-7	1,4-Dichlorobenzene	50	50.3	101	80-114
110-57-6	trans-1,4-Dichloro-2-Butene	50	58.5	117	41-152
75-71-8	Dichlorodifluoromethane	50	40.6	81	43-152
75-34-3	1,1-Dichloroethane	50	53.1	106	75-125
107-06-2	1,2-Dichloroethane	50	49.9	100	73-117
75-35-4	1,1-Dichloroethene	50	48.3	97	70-124
156-59-2	cis-1,2-Dichloroethene	50	52.1	104	80-120
156-60-5	trans-1,2-Dichloroethene	50	53.7	107	77-121
78-87-5	1,2-Dichloropropane	50	52.7	105	79-121
142-28-9	1,3-Dichloropropane	50	55.9	112	81-117
594-20-7	2,2-Dichloropropane	50	41.6	83	70-131

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2X9034-BS	2X213632.D	1	03/31/25	ED	n/a	n/a	V2X9034

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
563-58-6	1,1-Dichloropropene	50	53.1	106	77-122
10061-01-5	cis-1,3-Dichloropropene	50	52.6	105	83-123
10061-02-6	trans-1,3-Dichloropropene	50	56.8	114	83-122
123-91-1	1,4-Dioxane	1250	1530	122	64-150
60-29-7	Ethyl Ether	50	56.8	114	74-132
100-41-4	Ethylbenzene	50	50.8	102	78-116
76-13-1	Freon 113	50	45.5	91	68-134
87-68-3	Hexachlorobutadiene	50	50.5	101	55-136
591-78-6	2-Hexanone	200	244	122	66-136
98-82-8	Isopropylbenzene	50	51.1	102	78-121
99-87-6	p-Isopropyltoluene	50	55.1	110	78-121
1634-04-4	Methyl Tert Butyl Ether	50	51.0	102	76-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	226	113	73-134
74-95-3	Methylene bromide	50	49.2	98	82-117
75-09-2	Methylene chloride	50	49.6	99	73-123
91-20-3	Naphthalene	50	57.4	115	64-136
103-65-1	n-Propylbenzene	50	53.0	106	75-121
100-42-5	Styrene	50	53.7	107	81-125
994-05-8	tert-Amyl Methyl Ether	50	44.4	89	80-119
637-92-3	tert-Butyl Ethyl Ether	50	51.6	103	77-124
630-20-6	1,1,1,2-Tetrachloroethane	50	49.8	100	81-124
79-34-5	1,1,2,2-Tetrachloroethane	50	55.3	111	73-126
127-18-4	Tetrachloroethene	50	48.9	98	73-119
109-99-9	Tetrahydrofuran	50	57.6	115	63-133
108-88-3	Toluene	50	52.9	106	79-116
87-61-6	1,2,3-Trichlorobenzene	50	55.5	111	63-137
120-82-1	1,2,4-Trichlorobenzene	50	54.2	108	68-135
71-55-6	1,1,1-Trichloroethane	50	46.6	93	76-124
79-00-5	1,1,2-Trichloroethane	50	57.8	116	83-117
79-01-6	Trichloroethene	50	49.4	99	80-118
75-69-4	Trichlorofluoromethane	50	47.6	95	67-134
96-18-4	1,2,3-Trichloropropane	50	53.6	107	75-123
95-63-6	1,2,4-Trimethylbenzene	50	54.0	108	78-120
108-67-8	1,3,5-Trimethylbenzene	50	53.9	108	77-120
75-01-4	Vinyl chloride	50	37.0	74	52-146
	m,p-Xylene	100	103	103	79-119

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2X9034-BS	2X213632.D	1	03/31/25	ED	n/a	n/a	V2X9034

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
95-47-6	o-Xylene	50	51.8	104	81-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	80-120%
17060-07-0	1,2-Dichloroethane-D4	99%	80-120%
2037-26-5	Toluene-D8	105%	80-120%
460-00-4	4-Bromofluorobenzene	109%	82-114%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE8068-7MS	4A14423.D	5	03/25/25	ED	n/a	n/a	V4A403
JE8068-7MSD	4A14425.D	5	03/25/25	ED	n/a	n/a	V4A403
JE8068-7 [a]	4A14435.D	5	03/25/25	ED	n/a	n/a	V4A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-2, JE8068-4, JE8068-6, JE8068-13

CAS No.	Compound	JE8068-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	25.4		1000	805	78	1000	823	80	2	22-134/19
107-13-1	Acrylonitrile	ND		250	134	54	250	139	56	4	45-150/17
71-43-2	Benzene	ND		250	219	88	250	224	90	2	49-137/12
108-86-1	Bromobenzene	ND		250	241	96	250	236	94	2	72-122/13
74-97-5	Bromochloromethane	ND		250	237	95	250	239	96	1	78-122/12
75-27-4	Bromodichloromethane	ND		250	210	84	250	213	85	1	76-121/12
75-25-2	Bromoform	ND		250	188	75	250	197	79	5	70-133/13
74-83-9	Bromomethane	ND		250	225	90	250	276	110	20	27-164/38
78-93-3	2-Butanone (MEK)	30.1		1000	979	95	1000	965	93	1	52-137/17
104-51-8	n-Butylbenzene	3.4	B	250	267	105	250	288	114	8	70-130/14
135-98-8	sec-Butylbenzene	ND		250	261	104	250	273	109	4	69-127/14
98-06-6	tert-Butylbenzene	ND		250	257	103	250	270	108	5	69-124/14
75-15-0	Carbon disulfide	ND		250	212	85	250	222	89	5	54-136/16
56-23-5	Carbon tetrachloride	ND		250	219	88	250	222	89	1	70-132/13
108-90-7	Chlorobenzene	ND		250	226	90	250	229	92	1	68-123/12
75-00-3	Chloroethane	ND		250	244	98	250	250	100	2	48-152/17
67-66-3	Chloroform	ND		250	228	91	250	229	92	0	68-120/13
74-87-3	Chloromethane	ND		250	241	96	250	247	99	2	35-156/18
95-49-8	o-Chlorotoluene	ND		250	256	102	250	256	102	0	73-123/13
106-43-4	p-Chlorotoluene	ND		250	251	100	250	253	101	1	71-120/13
96-12-8	1,2-Dibromo-3-chloropropane	ND		250	227	91	250	220	88	3	63-134/16
124-48-1	Dibromochloromethane	ND		250	214	86	250	220	88	3	75-122/12
106-93-4	1,2-Dibromoethane	ND		250	228	91	250	231	92	1	63-134/12
95-50-1	1,2-Dichlorobenzene	ND		250	242	97	250	246	98	2	74-119/12
541-73-1	1,3-Dichlorobenzene	ND		250	239	96	250	247	99	3	75-117/12
106-46-7	1,4-Dichlorobenzene	ND		250	229	92	250	235	94	3	72-117/12
110-57-6	trans-1,4-Dichloro-2-Butene	ND		250	197	79	250	192	77	3	27-152/31
75-71-8	Dichlorodifluoromethane	ND		250	272	109	250	278	111	2	34-163/16
75-34-3	1,1-Dichloroethane	ND		250	219	88	250	225	90	3	68-129/13
107-06-2	1,2-Dichloroethane	ND		250	208	83	250	212	85	2	66-120/13
75-35-4	1,1-Dichloroethene	ND		250	241	96	250	237	95	2	59-133/15
156-59-2	cis-1,2-Dichloroethene	ND		250	232	93	250	229	92	1	52-140/12
156-60-5	trans-1,2-Dichloroethene	ND		250	224	90	250	231	92	3	70-125/13
78-87-5	1,2-Dichloropropane	ND		250	215	86	250	221	88	3	73-124/12
142-28-9	1,3-Dichloropropane	ND		250	230	92	250	232	93	1	74-117/11
594-20-7	2,2-Dichloropropane	ND		250	238	95	250	239	96	0	62-138/13

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE8068-7MS	4A14423.D	5	03/25/25	ED	n/a	n/a	V4A403
JE8068-7MSD	4A14425.D	5	03/25/25	ED	n/a	n/a	V4A403
JE8068-7 [a]	4A14435.D	5	03/25/25	ED	n/a	n/a	V4A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-2, JE8068-4, JE8068-6, JE8068-13

CAS No.	Compound	JE8068-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
563-58-6	1,1-Dichloropropene	ND		250	239	96	250	246	98	3	71-129/13
10061-01-5	cis-1,3-Dichloropropene	ND		250	228	91	250	240	96	5	75-125/13
10061-02-6	trans-1,3-Dichloropropene	ND		250	228	91	250	232	93	2	75-122/12
123-91-1	1,4-Dioxane	ND		6250	6150	98	6250	5870	94	5	57-145/40
60-29-7	Ethyl Ether	ND		250	230	92	250	237	95	3	67-131/14
100-41-4	Ethylbenzene	42.7		250	260	87	250	270	91	4	37-144/12
76-13-1	Freon 113	ND		250	239	96	250	235	94	2	61-142/14
87-68-3	Hexachlorobutadiene	ND		250	218	87	250	236	94	8	49-141/19
591-78-6	2-Hexanone	ND		1000	778	78	1000	790	79	2	56-132/16
98-82-8	Isopropylbenzene	5.7		250	236	92	250	246	96	4	71-126/13
99-87-6	p-Isopropyltoluene	ND		250	254	102	250	265	106	4	71-126/13
1634-04-4	Methyl Tert Butyl Ether	ND		250	243	97	250	249	100	2	66-124/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		1000	833	83	1000	852	85	2	65-135/14
74-95-3	Methylene bromide	ND		250	216	86	250	221	88	2	76-116/12
75-09-2	Methylene chloride	ND		250	241	96	250	237	95	2	66-125/14
91-20-3	Naphthalene	ND		250	257	103	250	267	107	4	49-146/18
103-65-1	n-Propylbenzene	15.7		250	267	101	250	276	104	3	60-131/14
100-42-5	Styrene	ND		250	234	94	250	235	94	0	71-133/12
994-05-8	tert-Amyl Methyl Ether	ND		250	220	88	250	229	92	4	74-117/12
637-92-3	tert-Butyl Ethyl Ether	ND		250	237	95	250	244	98	3	71-124/12
630-20-6	1,1,1,2-Tetrachloroethane	ND		250	226	90	250	223	89	1	75-125/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	234	94	250	231	92	1	68-127/14
127-18-4	Tetrachloroethene	ND		250	209	84	250	214	86	2	58-132/13
109-99-9	Tetrahydrofuran	ND		250	204	82	250	209	84	2	54-134/18
108-88-3	Toluene	ND		250	216	86	250	219	88	1	46-139/12
87-61-6	1,2,3-Trichlorobenzene	ND		250	223	89	250	239	96	7	57-136/17
120-82-1	1,2,4-Trichlorobenzene	ND		250	237	95	250	250	100	5	61-137/16
71-55-6	1,1,1-Trichloroethane	ND		250	227	91	250	228	91	0	67-132/13
79-00-5	1,1,2-Trichloroethane	ND		250	236	94	250	239	96	1	75-120/12
79-01-6	Trichloroethene	ND		250	221	88	250	223	89	1	56-136/12
75-69-4	Trichlorofluoromethane	ND		250	284	114	250	286	114	1	61-145/16
96-18-4	1,2,3-Trichloropropane	ND		250	259	104	250	254	102	2	68-124/14
95-63-6	1,2,4-Trimethylbenzene	117		250	349	93	250	371	102	6	39-147/13
108-67-8	1,3,5-Trimethylbenzene	38.1		250	277	96	250	283	98	2	56-136/14
75-01-4	Vinyl chloride	ND		250	267	107	250	268	107	0	41-156/16
	m,p-Xylene	60.5		500	488	86	500	507	89	4	32-151/12

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE8068-7MS	4A14423.D	5	03/25/25	ED	n/a	n/a	V4A403
JE8068-7MSD	4A14425.D	5	03/25/25	ED	n/a	n/a	V4A403
JE8068-7 [a]	4A14435.D	5	03/25/25	ED	n/a	n/a	V4A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-2, JE8068-4, JE8068-6, JE8068-13

CAS No.	Compound	JE8068-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
95-47-6	o-Xylene	5.4		250	236	92	250	240	94	2	50-139/12

CAS No.	Surrogate Recoveries	MS	MSD	JE8068-7	Limits
1868-53-7	Dibromofluoromethane	106%	107%		80-120%
17060-07-0	1,2-Dichloroethane-D4	93%	96%		80-120%
2037-26-5	Toluene-D8	97%	96%		80-120%
460-00-4	4-Bromofluorobenzene	106%	104%		82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Sample used for QC purposes only.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE8068-9MS	5A14424.D	10	03/25/25	ED	n/a	n/a	V5A403
JE8068-9MSD	5A14426.D	10	03/25/25	ED	n/a	n/a	V5A403
JE8068-9 [a]	5A14434.D	10	03/25/25	ED	n/a	n/a	V5A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-3, JE8068-5, JE8068-8, JE8068-9, JE8068-11, JE8068-12

CAS No.	Compound	JE8068-9 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		2000	1600	80	2000	1560	78	3	22-134/19
107-13-1	Acrylonitrile	ND		500	276	55	500	270	54	2	45-150/17
71-43-2	Benzene	72.2		500	499	85	500	501	86	0	49-137/12
108-86-1	Bromobenzene	ND		500	503	101	500	515	103	2	72-122/13
74-97-5	Bromochloromethane	ND		500	481	96	500	488	98	1	78-122/12
75-27-4	Bromodichloromethane	ND		500	422	84	500	428	86	1	76-121/12
75-25-2	Bromoform	ND		500	402	80	500	388	78	4	70-133/13
74-83-9	Bromomethane	ND		500	525	105	500	573	115	9	27-164/38
78-93-3	2-Butanone (MEK)	ND		2000	1880	94	2000	1840	92	2	52-137/17
104-51-8	n-Butylbenzene	ND		500	545	109	500	554	111	2	70-130/14
135-98-8	sec-Butylbenzene	ND		500	533	107	500	545	109	2	69-127/14
98-06-6	tert-Butylbenzene	ND		500	542	108	500	554	111	2	69-124/14
75-15-0	Carbon disulfide	ND		500	426	85	500	438	88	3	54-136/16
56-23-5	Carbon tetrachloride	ND		500	427	85	500	442	88	3	70-132/13
108-90-7	Chlorobenzene	ND		500	461	92	500	455	91	1	68-123/12
75-00-3	Chloroethane	ND		500	486	97	500	490	98	1	48-152/17
67-66-3	Chloroform	ND		500	460	92	500	469	94	2	68-120/13
74-87-3	Chloromethane	ND		500	487	97	500	503	101	3	35-156/18
95-49-8	o-Chlorotoluene	ND		500	493	99	500	500	100	1	73-123/13
106-43-4	p-Chlorotoluene	ND		500	498	100	500	513	103	3	71-120/13
96-12-8	1,2-Dibromo-3-chloropropane	ND		500	442	88	500	427	85	3	63-134/16
124-48-1	Dibromochloromethane	ND		500	421	84	500	422	84	0	75-122/12
106-93-4	1,2-Dibromoethane	ND		500	451	90	500	441	88	2	63-134/12
95-50-1	1,2-Dichlorobenzene	ND		500	481	96	500	479	96	0	74-119/12
541-73-1	1,3-Dichlorobenzene	ND		500	471	94	500	479	96	2	75-117/12
106-46-7	1,4-Dichlorobenzene	ND		500	465	93	500	456	91	2	72-117/12
110-57-6	trans-1,4-Dichloro-2-Butene	ND		500	439	88	500	438	88	0	27-152/31
75-71-8	Dichlorodifluoromethane	ND		500	554	111	500	566	113	2	34-163/16
75-34-3	1,1-Dichloroethane	ND		500	436	87	500	448	90	3	68-129/13
107-06-2	1,2-Dichloroethane	ND		500	425	85	500	431	86	1	66-120/13
75-35-4	1,1-Dichloroethene	ND		500	456	91	500	457	91	0	59-133/15
156-59-2	cis-1,2-Dichloroethene	ND		500	469	94	500	476	95	1	52-140/12
156-60-5	trans-1,2-Dichloroethene	ND		500	449	90	500	457	91	2	70-125/13
78-87-5	1,2-Dichloropropane	ND		500	418	84	500	423	85	1	73-124/12
142-28-9	1,3-Dichloropropane	ND		500	459	92	500	447	89	3	74-117/11
594-20-7	2,2-Dichloropropane	ND		500	465	93	500	479	96	3	62-138/13

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE8068-9MS	5A14424.D	10	03/25/25	ED	n/a	n/a	V5A403
JE8068-9MSD	5A14426.D	10	03/25/25	ED	n/a	n/a	V5A403
JE8068-9 [a]	5A14434.D	10	03/25/25	ED	n/a	n/a	V5A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-3, JE8068-5, JE8068-8, JE8068-9, JE8068-11, JE8068-12

CAS No.	Compound	JE8068-9 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
563-58-6	1,1-Dichloropropene	ND		500	455	91	500	458	92	1	71-129/13
10061-01-5	cis-1,3-Dichloropropene	ND		500	456	91	500	455	91	0	75-125/13
10061-02-6	trans-1,3-Dichloropropene	ND		500	442	88	500	437	87	1	75-122/12
123-91-1	1,4-Dioxane	ND		12500	12700	102	12500	12000	96	6	57-145/40
60-29-7	Ethyl Ether	ND		500	456	91	500	460	92	1	67-131/14
100-41-4	Ethylbenzene	682		500	1060	76	500	1040	72	2	37-144/12
76-13-1	Freon 113	ND		500	437	87	500	446	89	2	61-142/14
87-68-3	Hexachlorobutadiene	9.5		500	426	83	500	465	91	9	49-141/19
591-78-6	2-Hexanone	ND		2000	1690	85	2000	1610	81	5	56-132/16
98-82-8	Isopropylbenzene	35.3		500	521	97	500	511	95	2	71-126/13
99-87-6	p-Isopropyltoluene	ND		500	537	107	500	548	110	2	71-126/13
1634-04-4	Methyl Tert Butyl Ether	ND		500	458	92	500	463	93	1	66-124/12
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		2000	1760	88	2000	1760	88	0	65-135/14
74-95-3	Methylene bromide	ND		500	439	88	500	450	90	2	76-116/12
75-09-2	Methylene chloride	ND		500	488	98	500	512	102	5	66-125/14
91-20-3	Naphthalene	295		500	813	104	500	822	105	1	49-146/18
103-65-1	n-Propylbenzene	71.1		500	607	107	500	612	108	1	60-131/14
100-42-5	Styrene	ND		500	497	99	500	481	96	3	71-133/12
994-05-8	tert-Amyl Methyl Ether	ND		500	431	86	500	439	88	2	74-117/12
637-92-3	tert-Butyl Ethyl Ether	ND		500	451	90	500	463	93	3	71-124/12
630-20-6	1,1,1,2-Tetrachloroethane	ND		500	444	89	500	440	88	1	75-125/12
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	472	94	500	476	95	1	68-127/14
127-18-4	Tetrachloroethene	ND		500	448	90	500	443	89	1	58-132/13
109-99-9	Tetrahydrofuran	ND		500	433	87	500	443	89	2	54-134/18
108-88-3	Toluene	451		500	834	77	500	824	75	1	46-139/12
87-61-6	1,2,3-Trichlorobenzene	ND		500	488	98	500	492	98	1	57-136/17
120-82-1	1,2,4-Trichlorobenzene	ND		500	482	96	500	503	101	4	61-137/16
71-55-6	1,1,1-Trichloroethane	ND		500	467	93	500	478	96	2	67-132/13
79-00-5	1,1,2-Trichloroethane	ND		500	437	87	500	431	86	1	75-120/12
79-01-6	Trichloroethene	ND		500	440	88	500	443	89	1	56-136/12
75-69-4	Trichlorofluoromethane	ND		500	533	107	500	543	109	2	61-145/16
96-18-4	1,2,3-Trichloropropane	ND		500	512	102	500	519	104	1	68-124/14
95-63-6	1,2,4-Trimethylbenzene	1030		500	1500	94	500	1520	98	1	39-147/13
108-67-8	1,3,5-Trimethylbenzene	175		500	661	97	500	671	99	2	56-136/14
75-01-4	Vinyl chloride	ND		500	508	102	500	515	103	1	41-156/16
	m,p-Xylene	2960		1000	3660	70	1000	3600	64	2	32-151/12

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE8068-9MS	5A14424.D	10	03/25/25	ED	n/a	n/a	V5A403
JE8068-9MSD	5A14426.D	10	03/25/25	ED	n/a	n/a	V5A403
JE8068-9 [a]	5A14434.D	10	03/25/25	ED	n/a	n/a	V5A403

The QC reported here applies to the following samples: **Method:** SW846 8260D

JE8068-3, JE8068-5, JE8068-8, JE8068-9, JE8068-11, JE8068-12

CAS No.	Compound	JE8068-9 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
95-47-6	o-Xylene	961		500	1380	84	500	1330	74	4	50-139/12

CAS No.	Surrogate Recoveries	MS	MSD	JE8068-9	Limits
1868-53-7	Dibromofluoromethane	106%	107%	109%	80-120%
17060-07-0	1,2-Dichloroethane-D4	98%	98%	107%	80-120%
2037-26-5	Toluene-D8	98%	95%	101%	80-120%
460-00-4	4-Bromofluorobenzene	107%	107%	100%	82-114%

(a) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Dilution required due to high concentration of target compound.

* = Outside of Control Limits.

Internal Standard Area Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V1S358-CC355	**Injection Date:**	03/27/25
Lab File ID:	1S013498.D	**Injection Time:**	09:19
Instrument ID:	GCMS1S	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	138156	2.66	401685	4.57	643346	4.89	539402	6.47	266616	7.55
Upper Limit [a]	276312	3.16	803370	5.07	1286692	5.39	1078804	6.97	533232	8.05
Lower Limit [b]	69078	2.16	200843	4.07	321673	4.39	269701	5.97	133308	7.05
Lab Sample ID	**IS 1 AREA**	**RT**	**IS 2 AREA**	**RT**	**IS 3 AREA**	**RT**	**IS 4 AREA**	**RT**	**IS 5 AREA**	**RT**
V1S358-BS	134571	2.67	380850	4.57	614472	4.90	519254	6.47	251635	7.55
V1S358-MB	109583	2.66	342909	4.57	562478	4.89	467355	6.47	238773	7.55
JE8214-6	128693	2.67	360694	4.57	582423	4.90	479563	6.47	242542	7.55
ZZZZZZ	107497	2.67	356892	4.57	580381	4.90	480352	6.47	247299	7.55
JE8068-10 [c]	104729	2.66	340135	4.57	560587	4.89	462728	6.47	226674	7.55
JE8068-12 [d]	113436	2.67	346875	4.57	568102	4.89	488155	6.47	229025	7.55
JE8214-6MS	122231	2.67	373446	4.57	599612	4.89	503643	6.47	243779	7.55
JE8214-6MSD	118056	2.67	355578	4.57	576578	4.89	487491	6.47	235970	7.55
ZZZZZZ	112564	2.66	334762	4.57	552618	4.89	455571	6.47	232304	7.55
ZZZZZZ	101624	2.67	364437	4.57	592142	4.90	492706	6.47	254176	7.55
ZZZZZZ	96209	2.67	332176	4.57	542123	4.90	451760	6.47	229062	7.55
ZZZZZZ	92598	2.66	353717	4.57	574977	4.89	474072	6.47	242141	7.55
ZZZZZZ	93914	2.67	333954	4.57	549121	4.90	451668	6.47	229761	7.55
ZZZZZZ	89318	2.67	361221	4.57	578517	4.90	480165	6.47	243504	7.55
ZZZZZZ	100901	2.66	360661	4.57	588114	4.89	481928	6.47	251678	7.55
ZZZZZZ	85097	2.67	368414	4.57	589447	4.89	486821	6.47	249966	7.55
ZZZZZZ	91364	2.66	317229	4.57	534138	4.90	437424	6.47	224337	7.55
ZZZZZZ	79856	2.66	324549	4.57	531824	4.89	441441	6.47	225667	7.55

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(d) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Dilution required due to high concentration of target compound.

Internal Standard Area Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V1S358-CC355	**Injection Date:**	03/27/25
Lab File ID:	1S013500.D	**Injection Time:**	10:10
Instrument ID:	GCMS1S	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	90392	2.67	370726	4.57	598816	4.90	495396	6.47	253929	7.55
Upper Limit [a]	180784	3.17	741452	5.07	1197632	5.40	990792	6.97	507858	8.05
Lower Limit [b]	45196	2.17	185363	4.07	299408	4.40	247698	5.97	126965	7.05

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V1S358-BS	134571	2.67	380850	4.57	614472	4.90	519254	6.47	251635	7.55
V1S358-MB	109583	2.66	342909	4.57	562478	4.89	467355	6.47	238773	7.55
JE8214-6	128693	2.67	360694	4.57	582423	4.90	479563	6.47	242542	7.55
ZZZZZZ	107497	2.67	356892	4.57	580381	4.90	480352	6.47	247299	7.55
JE8068-10 [c]	104729	2.66	340135	4.57	560587	4.89	462728	6.47	226674	7.55
JE8068-12 [d]	113436	2.67	346875	4.57	568102	4.89	488155	6.47	229025	7.55
JE8214-6MS	122231	2.67	373446	4.57	599612	4.89	503643	6.47	243779	7.55
JE8214-6MSD	118056	2.67	355578	4.57	576578	4.89	487491	6.47	235970	7.55
ZZZZZZ	112564	2.66	334762	4.57	552618	4.89	455571	6.47	232304	7.55
ZZZZZZ	101624	2.67	364437	4.57	592142	4.90	492706	6.47	254176	7.55
ZZZZZZ	96209	2.67	332176	4.57	542123	4.90	451760	6.47	229062	7.55
ZZZZZZ	92598	2.66	353717	4.57	574977	4.89	474072	6.47	242141	7.55
ZZZZZZ	93914	2.67	333954	4.57	549121	4.90	451668	6.47	229761	7.55
ZZZZZZ	89318	2.67	361221	4.57	578517	4.90	480165	6.47	243504	7.55
ZZZZZZ	100901	2.66	360661	4.57	588114	4.89	481928	6.47	251678	7.55
ZZZZZZ	85097	2.67	368414	4.57	589447	4.89	486821	6.47	249966	7.55
ZZZZZZ	91364	2.66	317229	4.57	534138	4.90	437424	6.47	224337	7.55
ZZZZZZ	79856	2.66	324549	4.57	531824	4.89	441441	6.47	225667	7.55

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.
(d) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Dilution required due to high concentration of target compound.

Internal Standard Area Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V2S358-CC355	**Injection Date:**	03/27/25
Lab File ID:	2S013499.D	**Injection Time:**	09:32
Instrument ID:	GCMS2S	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	112771	2.67	402522	4.57	633318	4.90	535421	6.47	290051	7.55
Upper Limit [a]	225542	3.17	805044	5.07	1266636	5.40	1070842	6.97	580102	8.05
Lower Limit [b]	56386	2.17	201261	4.07	316659	4.40	267711	5.97	145026	7.05

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V2S358-BS	136873	2.68	371836	4.58	598188	4.90	510028	6.47	268737	7.55
V2S358-MB	120467	2.67	353247	4.57	559009	4.90	486838	6.47	271745	7.55
ZZZZZZ	127858	2.67	353305	4.57	566272	4.90	491051	6.47	271180	7.55
ZZZZZZ	111485	2.67	319784	4.57	518982	4.90	447158	6.47	245641	7.55
JE8068-7 [c]	136025	2.67	342179	4.57	550333	4.90	467879	6.47	241387	7.55
ZZZZZZ	92423	2.67	342791	4.57	546685	4.90	471078	6.47	244510	7.55
JE8143-7MS	125973	2.67	360829	4.57	583212	4.90	491948	6.47	261577	7.55
JE8143-7MSD	123700	2.68	356058	4.57	581394	4.90	500686	6.47	263863	7.55
ZZZZZZ	81891	2.67	339819	4.57	537883	4.90	467429	6.47	258621	7.55
ZZZZZZ	94560	2.67	360993	4.57	573014	4.90	488240	6.47	274134	7.55
ZZZZZZ	88422	2.67	334452	4.58	532996	4.90	463251	6.47	254808	7.55
JE8143-7	80656	2.68	301000	4.58	495146	4.90	425534	6.47	233851	7.55
ZZZZZZ	81210	2.67	336384	4.57	536952	4.90	464280	6.47	254468	7.55
ZZZZZZ	79712	2.67	364209	4.58	565023	4.90	483837	6.47	263557	7.55
ZZZZZZ	77525	2.67	354086	4.58	560686	4.90	489533	6.47	259934	7.55
ZZZZZZ	85295	2.67	321896	4.57	519364	4.90	443348	6.47	245700	7.55
ZZZZZZ	82756	2.67	337147	4.57	541689	4.90	464750	6.47	256080	7.55
ZZZZZZ	70736	2.67	333994	4.57	529806	4.90	461851	6.47	256297	7.55
ZZZZZZ	70886	2.68	345903	4.58	553743	4.90	480602	6.47	264916	7.55

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.

Internal Standard Area Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V2S358-CC355	**Injection Date:**	03/27/25
Lab File ID:	2S013504.D	**Injection Time:**	11:25
Instrument ID:	GCMS2S	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	93848	2.67	363102	4.57	569047	4.90	502466	6.47	280453	7.55
Upper Limit [a]	187696	3.17	726204	5.07	1138094	5.40	1004932	6.97	560906	8.05
Lower Limit [b]	46924	2.17	181551	4.07	284524	4.40	251233	5.97	140227	7.05

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V2S358-BS	136873	2.68	371836	4.58	598188	4.90	510028	6.47	268737	7.55
V2S358-MB	120467	2.67	353247	4.57	559009	4.90	486838	6.47	271745	7.55
ZZZZZZ	127858	2.67	353305	4.57	566272	4.90	491051	6.47	271180	7.55
ZZZZZZ	111485	2.67	319784	4.57	518982	4.90	447158	6.47	245641	7.55
JE8068-7 [c]	136025	2.67	342179	4.57	550333	4.90	467879	6.47	241387	7.55
ZZZZZZ	92423	2.67	342791	4.57	546685	4.90	471078	6.47	244510	7.55
JE8143-7MS	125973	2.67	360829	4.57	583212	4.90	491948	6.47	261577	7.55
JE8143-7MSD	123700	2.68	356058	4.57	581394	4.90	500686	6.47	263863	7.55
ZZZZZZ	81891	2.67	339819	4.57	537883	4.90	467429	6.47	258621	7.55
ZZZZZZ	94560	2.67	360993	4.57	573014	4.90	488240	6.47	274134	7.55
ZZZZZZ	88422	2.67	334452	4.58	532996	4.90	463251	6.47	254808	7.55
JE8143-7	80656	2.68	301000	4.58	495146	4.90	425534	6.47	233851	7.55
ZZZZZZ	81210	2.67	336384	4.57	536952	4.90	464280	6.47	254468	7.55
ZZZZZZ	79712	2.67	364209	4.58	565023	4.90	483837	6.47	263557	7.55
ZZZZZZ	77525	2.67	354086	4.58	560686	4.90	489533	6.47	259934	7.55
ZZZZZZ	85295	2.67	321896	4.57	519364	4.90	443348	6.47	245700	7.55
ZZZZZZ	82756	2.67	337147	4.57	541689	4.90	464750	6.47	256080	7.55
ZZZZZZ	70736	2.67	333994	4.57	529806	4.90	461851	6.47	256297	7.55
ZZZZZZ	70886	2.68	345903	4.58	553743	4.90	480602	6.47	264916	7.55

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.

Internal Standard Area Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V2X9034-CC9030	**Injection Date:**	03/31/25
Lab File ID:	2X213626.D	**Injection Time:**	10:20
Instrument ID:	GCMS2X	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	287887	2.15	206452	3.68	355289	4.08	362921	6.31	211739	7.88
Upper Limit [a]	575774	2.65	412904	4.18	710578	4.58	725842	6.81	423478	8.38
Lower Limit [b]	143944	1.65	103226	3.18	177645	3.58	181461	5.81	105870	7.38

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V2X9034-BS	279439	2.15	217104	3.68	376617	4.08	366347	6.32	204805	7.88
V2X9034-MB	298820	2.15	234894	3.68	400454	4.08	369985	6.31	203949	7.88
JE8068-1 [c]	307355	2.14	234412	3.68	395215	4.08	369570	6.31	205647	7.88
ZZZZZZ	289822	2.15	224937	3.68	381142	4.09	360085	6.32	199862	7.88
JE8365-6	274759	2.18	227574	3.68	388333	4.09	363631	6.31	194327	7.88
ZZZZZZ	288193	2.15	238434	3.68	398181	4.08	375269	6.31	200490	7.88
JE8365-6MS	286955	2.15	242783	3.68	404785	4.08	382821	6.31	205950	7.88
JE8365-6MSD	290951	2.15	247349	3.68	403862	4.08	391163	6.32	207472	7.88
ZZZZZZ	301478	2.15	248240	3.68	401314	4.09	379171	6.31	206274	7.88
ZZZZZZ	304976	2.15	259293	3.68	419913	4.09	383859	6.31	211494	7.88
ZZZZZZ	305405	2.15	261367	3.68	420235	4.09	384483	6.32	213077	7.88
ZZZZZZ	299133	2.14	253441	3.68	418114	4.08	385394	6.31	212302	7.88
ZZZZZZ	320771	2.15	274260	3.68	442111	4.09	411258	6.32	218796	7.88
ZZZZZZ	306091	2.15	259771	3.68	415651	4.09	395328	6.32	215138	7.88
ZZZZZZ	305131	2.15	259074	3.68	419221	4.09	397033	6.32	218779	7.88

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Results reported from the HCl preserved sample. The reported result for acrolein and acrylonitrile are for screening only and cannot be used for compliance purposes.

Internal Standard Area Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V4A403-CC382	**Injection Date:**	03/25/25
Lab File ID:	4A14409.D	**Injection Time:**	10:43
Instrument ID:	GCMS4A	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	141992	2.61	244834	3.62	400127	4.08	332055	5.96	156705	7.55
Upper Limit [a]	283984	3.11	489668	4.12	800254	4.58	664110	6.46	313410	8.05
Lower Limit [b]	70996	2.11	122417	3.12	200064	3.58	166028	5.46	78353	7.05
Lab Sample ID	**IS 1 AREA**	**RT**	**IS 2 AREA**	**RT**	**IS 3 AREA**	**RT**	**IS 4 AREA**	**RT**	**IS 5 AREA**	**RT**
V4A403-BS	139942	2.61	228469	3.62	384091	4.08	329023	5.96	155108	7.55
V4A403-MB	129330	2.61	249272	3.63	401472	4.08	331467	5.96	167473	7.55
ZZZZZZ	130849	2.61	232115	3.62	389713	4.08	328088	5.96	166866	7.55
JE8068-7MS	132437	2.61	228897	3.62	385847	4.08	332313	5.96	153459	7.55
JE8068-7MSD	138081	2.61	229389	3.62	384388	4.08	332916	5.96	157985	7.55
ZZZZZZ	114467	2.61	245161	3.62	396786	4.08	330470	5.96	167433	7.55
ZZZZZZ	103085	2.61	237333	3.63	389958	4.08	316989	5.96	160097	7.55
JE8068-7 [c]	120189	2.61	239866	3.62	391136	4.08	325578	5.96	163228	7.55
ZZZZZZ	115234	2.61	236472	3.62	385047	4.08	318418	5.96	163631	7.55
JE8068-2 [d]	120081	2.61	237966	3.62	386146	4.08	318532	5.96	164820	7.55
JE8068-4 [d]	107537	2.61	234089	3.62	385255	4.08	311650	5.96	154672	7.55
JE8068-6 [d]	119319	2.61	229547	3.62	382352	4.08	319888	5.96	162303	7.55
JE8068-13 [d]	106149	2.61	236377	3.62	380749	4.08	312973	5.96	159243	7.55

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Sample used for QC purposes only.
(d) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.

Internal Standard Area Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Check Std:	V5A403-CC382	**Injection Date:**	03/25/25
Lab File ID:	5A14410.D	**Injection Time:**	11:00
Instrument ID:	GCMS5A	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	213173	2.60	273505	3.62	449978	4.08	373513	5.96	163505	7.55
Upper Limit [a]	426346	3.10	547010	4.12	899956	4.58	747026	6.46	327010	8.05
Lower Limit [b]	106587	2.10	136753	3.12	224989	3.58	186757	5.46	81753	7.05

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
V5A403-BS	210483	2.61	264230	3.62	438995	4.08	369631	5.96	153358	7.55
V5A403-MB	207676	2.61	289803	3.62	464554	4.08	373511	5.96	175811	7.55
ZZZZZZ	162273	2.60	265213	3.62	437198	4.08	356547	5.96	158985	7.55
JE8068-9MS	190850	2.61	260316	3.62	429286	4.08	362245	5.96	151852	7.55
JE8068-9MSD	195500	2.61	262194	3.62	439110	4.08	377874	5.96	154056	7.55
ZZZZZZ	171966	2.61	281745	3.62	457273	4.08	368535	5.96	169785	7.55
JE8068-9 [c]	163392	2.60	263651	3.62	429588	4.08	363065	5.96	163464	7.55
ZZZZZZ	181685	2.61	278810	3.62	454749	4.08	368310	5.96	171093	7.55
ZZZZZZ	163570	2.61	267967	3.62	442592	4.08	360729	5.96	165993	7.55
JE8068-3 [d]	172657	2.60	266934	3.62	435340	4.08	354251	5.96	162825	7.55
JE8068-5 [d]	160836	2.61	272289	3.62	439330	4.08	355474	5.96	158680	7.55
JE8068-8 [d]	161303	2.60	269785	3.62	437809	4.08	353889	5.96	161525	7.55
JE8068-11 [d]	176540	2.60	271636	3.62	443915	4.08	358708	5.96	164862	7.55
JE8068-12 [d]	186060	2.61	261061	3.62	429408	4.08	366013	5.96	165318	7.55

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Pentafluorobenzene
IS 3 = 1,4-Difluorobenzene
IS 4 = Chlorobenzene-D5
IS 5 = 1,4-Dichlorobenzene-d4

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes. Dilution required due to high concentration of target compound.
(d) Results reported from the HCl preserved sample. The reported result for acrylonitrile is for screening only and cannot be used for compliance purposes.

Surrogate Recovery Summary

Job Number: JE8068
Account: GESCTW Groundwater & Environmental Services
Project: Eversource, Berlin, CT

Method: SW846 8260D **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JE8068-1	2X213636.D	100	102	105	104
JE8068-2	4A14439.D	111	104	102	100
JE8068-3	5A14440.D	111	105	102	101
JE8068-4	4A14441.D	110	102	103	103
JE8068-5	5A14442.D	111	105	102	102
JE8068-6	4A14443.D	109	103	104	102
JE8068-7	2S013514.D	94	95	100	104
JE8068-7	4A14435.D				
JE8068-8	5A14444.D	110	107	101	101
JE8068-9	5A14434.D	109	107	101	100
JE8068-10	1S013515.D	99	98	101	104
JE8068-11	5A14446.D	113	108	101	102
JE8068-12	1S013517.D	97	99	99	101
JE8068-12	5A14448.D	111	107	100	102
JE8068-13	4A14447.D	110	103	103	102
JE8068-7MS	4A14423.D	106	93	97	106
JE8068-7MSD	4A14425.D	107	96	96	104
JE8068-9MS	5A14424.D	106	98	98	107
JE8068-9MSD	5A14426.D	107	98	95	107
V1S358-BS	1S013502.D	100	95	99	102
V1S358-MB	1S013507.D	106	102	99	100
V2S358-BS	2S013505.D	97	94	99	101
V2S358-MB	2S013508.D	103	99	98	100
V2X9034-BS	2X213632.D	101	99	105	109
V2X9034-MB	2X213634.D	99	100	105	104
V4A403-BS	4A14415.D	107	96	97	106
V4A403-MB	4A14419.D	110	104	102	103
V5A403-BS	5A14416.D	106	98	96	106
V5A403-MB	5A14420.D	109	107	102	99

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-120%
S2 = 1,2-Dichloroethane-D4	80-120%
S3 = Toluene-D8	80-120%
S4 = 4-Bromofluorobenzene	82-114%

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE8068
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53428
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/26/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	9.2	150		
Antimony	6.0	2.8	4.7		
Arsenic	3.0	2.6	2.8		
Barium	200	.2	13		
Beryllium	1.0	.2	.5		
Bismuth	20	2.5	8.6		
Boron	100	1.8	10		
Cadmium	3.0	.4	1		
Calcium	5000	13	99		
Cerium	100				
Chromium	10	.7	2		
Cobalt	50	.6	2.6		
Copper	10	.7	5.9		
Iron	100	3.3	32		
Lead	3.0	2	1.8	0.0	<3.0
Lithium	50	1.5	7.3		
Magnesium	5000	25	140		
Manganese	15	.1	1.4		
Molybdenum	20	.6	3.6		
Nickel	10	.8	1.7		
Phosphorus	50	7	18		
Potassium	10000	35	200		
Selenium	10	3.6	4.9		
Silicon	200	2.2	32		
Silver	10	.6	6.1		
Sodium	10000	14	570		
Strontium	10	.1	2.7		
Sulfur	50	3.7	45		
Thallium	10	5.2	1.8		
Tin	10	1.4	3.7		
Titanium	10	.8	2.5		
Tungsten	50	1.3	40		
Vanadium	50	.5	1.8		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE8068
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53428 Methods: SW846 6010D
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 03/26/25

Metal	RL	IDL	MDL	MB raw	final
Zinc	20	.3	6.9		
Zirconium	10	.5	4.1		

Associated samples MP53428: JE8068-2, JE8068-3, JE8068-4, JE8068-5, JE8068-6, JE8068-7, JE8068-9, JE8068-10, JE8068-11, JE8068-12, JE8068-13

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE8068
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53428
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/26/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Bismuth				
Boron				
Cadmium				
Calcium				
Cerium				
Chromium				
Cobalt				
Copper				
Iron	anr			
Lead	2000	2000	100.0	80-120
Lithium				
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE8068
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53428
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/26/25

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Zinc				
Zirconium				

Associated samples MP53428: JE8068-2, JE8068-3, JE8068-4, JE8068-5, JE8068-6, JE8068-7, JE8068-9, JE8068-10, JE8068-11, JE8068-12, JE8068-13

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE8068
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53428
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/26/25

Metal	JE8071-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Bismuth				
Boron				
Cadmium				
Calcium				
Cerium				
Chromium				
Cobalt				
Copper				
Iron	anr			
Lead	0.00	0.00	NC	0-10
Lithium				
Magnesium				
Manganese	anr			
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Sulfur				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium				

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE8068
Account: GESCTW - Groundwater & Environmental Services
Project: Eversource, Berlin, CT

QC Batch ID: MP53428 Methods: SW846 6010D
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 03/26/25

Metal	JE8071-1 Original	SDL 1:5	%DIF	QC Limits
Zinc				
Zirconium				

Associated samples MP53428: JE8068-2, JE8068-3, JE8068-4, JE8068-5, JE8068-6, JE8068-7, JE8068-9, JE8068-10, JE8068-11, JE8068-12, JE8068-13

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

Appendix E – DQA/DUE Forms

DATA USABILITY EVALUATION WORKSHEET

Project Name: Eversource Berlin Campus
Laboratory: SGS North America Inc.
Sample Delivery Group: JD87492
Sample Delivery Group Number:
Date Samples Collected: 04/29-05/03/2024
Reviewer: Rebecca Keating

Describe the intended use of the data:
Site Closure and/or Verification purposes as per Connecticut's UST regulations

Nonconformance DQA Review Elements	Briefly Summarize DQA Nonconformances
Laboratory Report Inspection	Nonconformances not noted relating to general laboratory reporting requirements.
Reasonable Confidence Evaluation	Nonconformances not noted relating to evaluation of CTDEEP Reasonable Confidence Protocols.
Chain of Custody Evaluation	Nonconformances not noted relating to chain of custody.
Sample Result Evaluation	Nonconformances not noted relating to evaluation of sample results.
Sample Preservation and Holding Time Evaluation	Nonconformances not noted related to sample preservation and/or holding times.
Blank Evaluation	Nonconformances not noted – all method blanks for all batches met method specific criteria.
Laboratory Control Samples	8260 Batch #V1C8692: Samples JD87492-11 through JD87492-14, JD87492-17 through JD87492-21, JD87492-25 through JD87492-27: Acetone and 2-Butanone: Response factors for these compounds is below 0.05 in the initial and continuing calibrations. This does not affect data usability as these are not site constituents of concern, and less than 10% of 8260 RCP List compounds exhibited this bias. 8260 Batch #V1E8829: Samples JD87492-15 and JD87492-16: Freon 113, and Acetone: Associated continuing calibration verification (CCV) outside of control limits high. Samples were ND. Samples JD87492-15 and JD87492-16: Trans-1,4-Dichloro-2-Butene: Associated CCV outside of control limits low. Samples were ND. 8260 Batch #V1K453: Samples JD87492-34, JD87492-37, JD87492-38, and JD87492-39: Vinyl chloride and Acrylonitrile: Associated CCV outside of control limits high. Samples

	were ND. 8260 Batch #V1K457: Samples JD87492-22, JD87492-23, and JD87492-24: Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. 8260 Batch #VI10417: Sample JD87492-1: 4-Methyl-2-pentanone (MIBK): Compound was outside of the Responsible Control Protocol (RCP) limits, and is biased high. Sample JD87492-1: 1,1-Dichloroethene, trans-1,2-Dichloroethene, Vinyl chloride, Bromomethane, Chloromethane, and Chloroethane: Associated CCV outside of control limits high. Sample was ND. Sample JD87492-1: 2-Butanone (MEK): Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high. Sample JD87492-1: 2-Hexanone: Compound was outside of the RCP limits, and is biased high. Sample JD87492-1: Acetone: Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Sample JD87492-2: 4-Methyl-2-pentanone (MIBK): Compound was outside of the Responsible Control Protocol (RCP) limits, and is biased high. Sample JD87492-2: 1,1-Dichloroethene, trans-1,2-Dichloroethene, Vinyl chloride, Bromomethane, Chloromethane, and Chloroethane: Associated CCV outside of control limits high. Sample was ND. Sample JD87492-2: 2-Butanone (MEK): Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high. Sample JD87492-2: 2-Hexanone: Compound was outside of the RCP limits, and is biased high. Sample JD87492-2: Acetone: Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Sample JD87492-3: 4-Methyl-2-pentanone (MIBK): Compound was outside of the Responsible Control Protocol (RCP) limits, and is biased high. Sample JD87492-3: 1,1-Dichloroethene, trans-1,2-Dichloroethene, Vinyl chloride, Bromomethane, Chloromethane, and Chloroethane: Associated CCV outside of control limits high. Sample was ND. Sample JD87492-3: 2-Butanone (MEK): Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high. Sample JD87492-3: 2-Hexanone: Compound was outside of the RCP limits, and is biased high.

	Sample JD87492-3: Acetone: Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Sample JD87492-4: 4-Methyl-2-pentanone (MIBK): Compound was outside of the Responsible Control Protocol (RCP) limits, and is biased high. Sample JD87492-4: 1,1-Dichloroethene, trans-1,2-Dichloroethene, Vinyl chloride, Bromomethane, Chloromethane, and Chloroethane: Associated CCV outside of control limits high. Sample was ND. Sample JD87492-4: 2-Butanone (MEK): Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high. Sample JD87492-4: 2-Hexanone: Compound was outside of the RCP limits, and is biased high. Sample JD87492-4: Acetone: Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Sample JD87492-5: 4-Methyl-2-pentanone (MIBK): Compound was outside of the Responsible Control Protocol (RCP) limits, and is biased high. Sample JD87492-5: 1,1-Dichloroethene, trans-1,2-Dichloroethene, Vinyl chloride, Bromomethane, Chloromethane, and Chloroethane: Associated CCV outside of control limits high. Sample was ND. Sample JD87492-5: 2-Butanone (MEK): Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high. Sample JD87492-5: 2-Hexanone: Compound was outside of the RCP limits, and is biased high. Sample JD87492-5: Acetone: Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Sample JD87492-6: 4-Methyl-2-pentanone (MIBK): Compound was outside of the Responsible Control Protocol (RCP) limits, and is biased high. Sample JD87492-6: 1,1-Dichloroethene, trans-1,2-Dichloroethene, Vinyl chloride, Bromomethane, Chloromethane, and Chloroethane: Associated CCV outside of control limits high. Sample was ND. Sample JD87492-6: 2-Butanone (MEK): Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high. Sample JD87492-6: 2-Hexanone: Compound was outside of the RCP limits, and is biased high. Sample JD87492-6: Acetone: Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Sample JD87492-7: 4-Methyl-2-pentanone (MIBK): Compound was outside of the Responsible Control Protocol (RCP) limits, and is biased high.

	Sample JD87492-7: 1,1-Dichloroethene, trans-1,2-Dichloroethene, Vinyl chloride, Bromomethane, Chloromethane, and Chloroethane: Associated CCV outside of control limits high. Sample was ND. Sample JD87492-7: 2-Butanone (MEK): Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high. Sample JD87492-7: 2-Hexanone: Compound was outside of the RCP limits, and is biased high. Sample JD87492-7: Acetone: Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Sample JD87492-8: 4-Methyl-2-pentanone (MIBK): Compound was outside of the Responsible Control Protocol (RCP) limits, and is biased high. Sample JD87492-8: 1,1-Dichloroethene, trans-1,2-Dichloroethene, Vinyl chloride, Bromomethane, Chloromethane, and Chloroethane: Associated CCV outside of control limits high. Sample was ND. Sample JD87492-8: 2-Butanone (MEK): Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high. Sample JD87492-8: 2-Hexanone: Compound was outside of the RCP limits, and is biased high. Sample JD87492-8: Acetone: Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Sample JD87492-9: 4-Methyl-2-pentanone (MIBK): Compound was outside of the Responsible Control Protocol (RCP) limits, and is biased high. Sample JD87492-9: 1,1-Dichloroethene, trans-1,2-Dichloroethene, Vinyl chloride, Bromomethane, Chloromethane, and Chloroethane: Associated CCV outside of control limits high. Sample was ND. Sample JD87492-9: 2-Butanone (MEK): Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high. Sample JD87492-9: 2-Hexanone: Compound was outside of the RCP limits, and is biased high. Sample JD87492-9: Acetone: Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Sample JD87492-10: 4-Methyl-2-pentanone (MIBK): Compound was outside of the Responsible Control Protocol (RCP) limits, and is biased high. Sample JD87492-10: 1,1-Dichloroethene, trans-1,2-Dichloroethene, Vinyl chloride, Bromomethane, Chloromethane, and Chloroethane: Associated CCV outside of control limits high. Sample was ND.

	Sample JD87492-10: 2-Butanone (MEK): Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high. Sample JD87492-10: 2-Hexanone: Compound was outside of the RCP limits, and is biased high. Sample JD87492-10: Acetone: Response factors for these compounds is below 0.05 in the initial and continuing calibrations. <u>8260 Batch VI10430:</u> Sample JD87492-35: Hexachlorobutadiene, Acrylonitrile, 1,1-Dichloroethene, and trans-1,2-Dichloroethene: Associated CCV outside of control limits high. Sample was ND. Sample JD87492-35: 2-Butanone (MEK) and Acetone: Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Associated CCV outside of control limits high. <u>8260 Batch VY9001:</u> Sample JD87492-28: Chloromethane, Acrylonitrile, Tetrahydrofuran, and Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample JD87492-28: 4-Methyl-2-pentanone (MIBK), and 2-Butanone (MEK): Response factors for these compounds is below 0.05 in the initial and/or continuing calibrations. Sample JD87492-29: Chloromethane, Acrylonitrile, Tetrahydrofuran, and Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample JD87492-29: 4-Methyl-2-pentanone (MIBK), and 2-Butanone (MEK): Response factors for these compounds is below 0.05 in the initial and/or continuing calibrations. Sample JD87492-30: Chloromethane, Acrylonitrile, Tetrahydrofuran, and Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample JD87492-30: 4-Methyl-2-pentanone (MIBK), and 2-Butanone (MEK): Response factors for these compounds is below 0.05 in the initial and/or continuing calibrations. Sample JD87492-31: Chloromethane, Acrylonitrile, Tetrahydrofuran, and Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample JD87492-31: 4-Methyl-2-pentanone (MIBK), and 2-Butanone (MEK): Response factors for these compounds is below 0.05 in the initial and/or continuing calibrations. Sample JD87492-32: Chloromethane, Acrylonitrile, Tetrahydrofuran, and Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.

	Sample JD87492-32: 4-Methyl-2-pentanone (MIBK), and 2-Butanone (MEK): Response factors for these compounds is below 0.05 in the initial and/or continuing calibrations. Sample JD87492-33: Chloromethane, Acrylonitrile, Tetrahydrofuran, and Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample JD87492-33: 4-Methyl-2-pentanone (MIBK), and 2-Butanone (MEK): Response factors for these compounds is below 0.05 in the initial and/or continuing calibrations. Sample JD87492-36: Chloromethane, Acrylonitrile, Tetrahydrofuran, and Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample JD87492-36: 4-Methyl-2-pentanone (MIBK), and 2-Butanone (MEK): Response factors for these compounds is below 0.05 in the initial and/or continuing calibrations.
Surrogates	Nonconformances not noted relating to surrogate recoveries.
Site Specific Matrix Spikes and Matrix Spike Duplicates	Site specific MS/MSD not collected.
Tentatively Identified Compounds	TICs not analyzed.
Other QC data	

Results
Is the data useable for the intended purposes? ☒ Yes ☐ No

Reviewed/Approved

Name: Rebecca Keating Signature: Rebecca L. Keating Date: 5/9/2025

DATA USABILITY EVALUATION WORKSHEET

Project Name: Eversource Berlin Campus
Laboratory: SGS North America Inc.
Sample Delivery Group: JD95162
Sample Delivery Group Number:
Date Samples Collected: 08/26/2024
Reviewer: Rebecca Keating

Describe the intended use of the data:
Site Closure and/or Verification purposes as per Connecticut's UST regulations

Nonconformance DQA Review Elements	Briefly Summarize DQA Nonconformances
Laboratory Report Inspection	Nonconformances not noted relating to general laboratory reporting requirements.
Reasonable Confidence Evaluation	Nonconformances not noted relating to evaluation of CTDEEP Reasonable Confidence Protocols.
Chain of Custody Evaluation	Nonconformances not noted relating to chain of custody.
Sample Result Evaluation	Nonconformances not noted relating to evaluation of sample results.
Sample Preservation and Holding Time Evaluation	Nonconformances not noted related to sample preservation and/or holding times.
Blank Evaluation	Nonconformances not noted – all method blanks for all batches met method specific criteria.
Laboratory Control Samples	8260 Batch #V1C8781: Samples JD95162-1 through JD95162-4: 2-Butanone and Acetone: Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Associated continuing calibration verification (CCV) outside of control limits high. Samples were ND. Samples JD95162-1 through JD95162-4: Dichlorodifluoromethane: Associated CCV outside of control limits high. Compound was outside of the Responsible Control Protocol (RCP) limits, and is biased high.
Surrogates	Nonconformances not noted relating to surrogate recoveries.
Site Specific Matrix Spikes and Matrix Spike Duplicates	Site specific MS/MSD not collected.
Tentatively Identified Compounds	TICs not analyzed.

Other QC data	

Results
Is the data useable for the intended purposes? ☒ Yes ☐ No

Reviewed/Approved

Name: Rebecca Keating Signature: Rebecca L. Keating Date: 5/9/2025

DATA USABILITY EVALUATION WORKSHEET

Project Name: Eversource Berlin Campus
Laboratory: SGS North America Inc.
Sample Delivery Group: JD95163
Sample Delivery Group Number:
Date Samples Collected: 08/28/2024
Reviewer: Rebecca Keating

Describe the intended use of the data:
Site Closure and/or Verification purposes as per Connecticut's UST regulations

Nonconformance DQA Review Elements	Briefly Summarize DQA Nonconformances
Laboratory Report Inspection	Nonconformances not noted relating to general laboratory reporting requirements.
Reasonable Confidence Evaluation	Nonconformances not noted relating to evaluation of CTDEEP Reasonable Confidence Protocols.
Chain of Custody Evaluation	Nonconformances not noted relating to chain of custody.
Sample Result Evaluation	Nonconformances not noted relating to evaluation of sample results.
Sample Preservation and Holding Time Evaluation	Nonconformances not noted related to sample preservation and/or holding times.
Blank Evaluation	Nonconformances not noted – all method blanks for all batches met method specific criteria.
Laboratory Control Samples	8260 Batch #V2R395: Samples JD95163-1, and JD95163-3 through JD95163-5: Chloromethane: Associated continuing calibration verification (CCV) outside of control limits high. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Samples were ND. 8260 Batch #V3C8258: Samples JD95163-2, JD95163-6, and JD95163-7: 2-Butanone, Acetone, and 4-Methyl-2-pentanone (MIBK): Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Samples JD95163-2, JD95163-6, and JD95163-7: Acrylonitrile: Associated CCV outside control limits high. Compound was outside of the Responsible Control Protocol (RCP) limits, and is biased high. Samples were ND. Samples JD95163-2, JD95163-6, and JD95163-7: Chloroethane and 1,4-Dioxane: Associated CCV outside control limits high. Samples were ND.

Surrogates	Nonconformances not noted relating to surrogate recoveries.
Site Specific Matrix Spikes and Matrix Spike Duplicates	Site specific MS/MSD not collected.
Tentatively Identified Compounds	TICs not analyzed.
Other QC data	

Results
Is the data useable for the intended purposes? ☒ Yes ☐ No

Reviewed/Approved

Name: Rebecca Keating Signature: Rebecca L. Keating Date: 5/9/2025

DATA USABILITY EVALUATION WORKSHEET

Project Name: Eversource Berlin Campus
Laboratory: SGS North America Inc.
Sample Delivery Group: JD95164
Sample Delivery Group Number:
Date Samples Collected: 08/27/2024
Reviewer: Rebecca Keating

Describe the intended use of the data:
Site Closure and/or Verification purposes as per Connecticut's UST regulations

Nonconformance DQA Review Elements	Briefly Summarize DQA Nonconformances
Laboratory Report Inspection	Nonconformances not noted relating to general laboratory reporting requirements.
Reasonable Confidence Evaluation	Nonconformances not noted relating to evaluation of CTDEEP Reasonable Confidence Protocols.
Chain of Custody Evaluation	Nonconformances not noted relating to chain of custody.
Sample Result Evaluation	Nonconformances not noted relating to evaluation of sample results.
Sample Preservation and Holding Time Evaluation	Nonconformances not noted related to sample preservation and/or holding times.
Blank Evaluation	Nonconformances not noted – all method blanks for all batches met method specific criteria.
Laboratory Control Samples	<u>8260 Batch #V3C8258:</u> Samples JD95164-1 through JD95164-4: 2-Butanone, 4-Methyl-2-pentanone (MIBK) and Acetone: Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Samples JD95164-1 through JD95164-4: 1,4-Dioxane, and Chloroethane: Associated continuing calibration verification (CCV) outside of control limits high. Samples were ND. Samples JD95164-1 through JD95164-4: Acrylonitrile: Associated CCV outside control limits high. Compound was outside of the Responsible Control Protocol (RCP) limits, and is biased high. Samples were ND.
Surrogates	Nonconformances not noted relating to surrogate recoveries.

Site Specific Matrix Spikes and Matrix Spike Duplicates	Site specific MS/MSD not collected.
Tentatively Identified Compounds	TICs not analyzed.
Other QC data	

Results
Is the data useable for the intended purposes? ☒ Yes ☐ No

Reviewed/Approved

Name: Rebecca Keating Signature: Rebecca L. Keating Date: 5/9/2025

DATA USABILITY EVALUATION WORKSHEET

Project Name: Eversource Berlin Campus
Laboratory: SGS North America Inc.
Sample Delivery Group: JE6875
Sample Delivery Group Number:
Date Samples Collected: 03/05/2025
Reviewer: Rebecca Keating

Describe the intended use of the data:
Site Closure and/or Verification purposes as per Connecticut's UST regulations

Nonconformance DQA Review Elements	Briefly Summarize DQA Nonconformances
Laboratory Report Inspection	Nonconformances not noted relating to general laboratory reporting requirements.
Reasonable Confidence Evaluation	Nonconformances not noted relating to evaluation of CTDEEP Reasonable Confidence Protocols.
Chain of Custody Evaluation	Nonconformances not noted relating to chain of custody.
Sample Result Evaluation	Nonconformances not noted relating to evaluation of sample results.
Sample Preservation and Holding Time Evaluation	Nonconformances not noted related to sample preservation and/or holding times.
Blank Evaluation	Nonconformances not noted – all method blanks for all batches met method specific criteria.
Laboratory Control Samples	<u>8260 Batch #VGA560:</u> Sample JE6875-2: Chloromethane: Associated continuing calibration verification (CCV) outside of control limits high. Sample was ND. Sample JE6875-2: Chloroethane: Associated CCV outside control limits high. Compound was outside of the Responsible Control Protocol (RCP) limits, and is biased high. Sample was ND. Sample JE6875-2: Hexachlorobutadiene: Associated CCV outside of control limits low. <u>8260 Batch #VY9217:</u> Samples JE6875-1 and JE6875-3: 2-Butanone, and 4-Methyl-2-pentanone (MIBK): Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Samples JE6875-1 and JE6875-3: Acetone: Response factors for these compounds is below 0.05 in the initial and continuing calibrations. Associated

	CCV outside of control limits low.
Surrogates	Nonconformances not noted relating to surrogate recoveries.
Site Specific Matrix Spikes and Matrix Spike Duplicates	Site specific MS/MSD not collected.
Tentatively Identified Compounds	TICs not analyzed.
Other QC data	

Results
Is the data useable for the intended purposes? ☒ Yes ☐ No

Reviewed/Approved

Name: Rebecca Keating Signature: Rebecca L. Keating Date: 5/9/2025

DATA USABILITY EVALUATION WORKSHEET

Project Name: Eversource Berlin Campus
Laboratory: SGS North America Inc.
Sample Delivery Group: JD81210
Sample Delivery Group Number:
Date Samples Collected: 01/24/2024
Reviewer: Rebecca Keating

Describe the intended use of the data:
Site Closure and/or Verification purposes as per Connecticut's UST regulations

Nonconformance DQA Review Elements	Briefly Summarize DQA Nonconformances
Laboratory Report Inspection	Nonconformances not noted relating to general laboratory reporting requirements.
Reasonable Confidence Evaluation	Nonconformances not noted relating to evaluation of CTDEEP Reasonable Confidence Protocols.
Chain of Custody Evaluation	Nonconformances not noted relating to chain of custody.
Sample Result Evaluation	Nonconformances not noted relating to evaluation of sample results.
Sample Preservation and Holding Time Evaluation	Nonconformances not noted related to sample preservation and/or holding times.
Blank Evaluation	Nonconformances not noted – all method blanks for all batches met method specific criteria.
Laboratory Control Samples	8260 Batch #V1T198: Samples JD81210-2 and JD81210-3: 2-Butanone: Associated continuing calibration verification (CCV) outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Samples were ND. Samples JD81210-2 and JD81210-3: Chloromethane, trans-1,4-Dichloro-2-Butene, and Trichloroethene: Associated CCV outside control limits high. Samples were ND. JD81210-2 and JD81210-3: Acetone: Compound was outside of the Responsible Control Protocol (RCP) limits, and is biased low. Response factors for these compounds is below 0.05 in the initial and continuing calibrations. 8260 Batch #V2T198: Sample JD81210-1: Chloroethane: Associated CCV outside control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Compound was outside of RCP limits, and is biased low.

	Sample was ND. Sample JD81210-1: Bromomethane: Associated CCV outside control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
Surrogates	Nonconformances not noted relating to surrogate recoveries.
Site Specific Matrix Spikes and Matrix Spike Duplicates	Site specific MS/MSD not collected.
Tentatively Identified Compounds	TICs not analyzed.
Other QC data	

Results
Is the data useable for the intended purposes? ☒ Yes ☐ No

Reviewed/Approved

Name: Rebecca Keating Signature: Rebecca L. Keating Date: 5/9/2025

DATA USABILITY EVALUATION WORKSHEET

Project Name: Eversource Berlin Campus
Laboratory: SGS North America Inc.
Sample Delivery Group: JD82650
Sample Delivery Group Number:
Date Samples Collected: 02/15/2024
Reviewer: Rebecca Keating

Describe the intended use of the data:
Site Closure and/or Verification purposes as per Connecticut's UST regulations

Nonconformance DQA Review Elements	Briefly Summarize DQA Nonconformances
Laboratory Report Inspection	Nonconformances not noted relating to general laboratory reporting requirements.
Reasonable Confidence Evaluation	Nonconformances not noted relating to evaluation of CTDEEP Reasonable Confidence Protocols.
Chain of Custody Evaluation	Nonconformances not noted relating to chain of custody.
Sample Result Evaluation	Nonconformances not noted relating to evaluation of sample results.
Sample Preservation and Holding Time Evaluation	Nonconformances not noted related to sample preservation and/or holding times.
Blank Evaluation	Nonconformances not noted – all method blanks for all batches met method specific criteria.
Laboratory Control Samples	8260 Batch #VL11071: Samples JD82650-1 through JD82650-4: Dichlorodifluoromethane: Associated continuing calibration verification (CCV) outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Samples were ND.
Surrogates	Nonconformances not noted relating to surrogate recoveries.
Site Specific Matrix Spikes and Matrix Spike Duplicates	Site specific MS/MSD not collected.
Tentatively Identified Compounds	TICs not analyzed.

Other QC data	

Results
Is the data useable for the intended purposes? ☒ Yes ☐ No

Reviewed/Approved

Name: Rebecca Keating Signature: Rebecca L. Keating Date: 5/9/2025

DATA USABILITY EVALUATION WORKSHEET

Project Name: Eversource Berlin Campus
Laboratory: SGS North America Inc.
Sample Delivery Group: JD88921R
Sample Delivery Group Number:
Date Samples Collected: 05/20-21/2024
Reviewer: Rebecca Keating

Describe the intended use of the data:
Site Closure and/or Verification purposes as per Connecticut's UST regulations

Nonconformance DQA Review Elements	Briefly Summarize DQA Nonconformances
Laboratory Report Inspection	Nonconformances not noted relating to general laboratory reporting requirements.
Reasonable Confidence Evaluation	Nonconformances not noted relating to evaluation of CTDEEP Reasonable Confidence Protocols.
Chain of Custody Evaluation	Nonconformances not noted relating to chain of custody.
Sample Result Evaluation	Nonconformances not noted relating to evaluation of sample results.
Sample Preservation and Holding Time Evaluation	Nonconformances not noted related to sample preservation and/or holding times.
Blank Evaluation	Nonconformances not noted – all method blanks for all batches met method specific criteria.
Laboratory Control Samples	Nonconformances not noted related to the samples.
Surrogates	Nonconformances not noted relating to surrogate recoveries.
Site Specific Matrix Spikes and Matrix Spike Duplicates	Site specific MS/MSD not collected.
Tentatively Identified Compounds	TICs not analyzed.
Other QC data	

Results
Is the data useable for the intended purposes? ☒ Yes ☐ No

Reviewed/Approved

Name: Rebecca Keating Signature: Rebecca L. Keating Date: 5/9/2025

DATA USABILITY EVALUATION WORKSHEET

Project Name: Eversource Berlin Campus
Laboratory: SGS North America Inc.
Sample Delivery Group: JD99501
Sample Delivery Group Number:
Date Samples Collected: 10/29-30/2024
Reviewer: Rebecca Keating

Describe the intended use of the data:
Site Closure and/or Verification purposes as per Connecticut's UST regulations

Nonconformance DQA Review Elements	Briefly Summarize DQA Nonconformances
Laboratory Report Inspection	Nonconformances not noted relating to general laboratory reporting requirements.
Reasonable Confidence Evaluation	Nonconformances not noted relating to evaluation of CTDEEP Reasonable Confidence Protocols.
Chain of Custody Evaluation	Nonconformances not noted relating to chain of custody.
Sample Result Evaluation	Nonconformances not noted relating to evaluation of sample results.
Sample Preservation and Holding Time Evaluation	Nonconformances not noted related to sample preservation and/or holding times.
Blank Evaluation	Nonconformances not noted – all method blanks for all batches met method specific criteria.
Laboratory Control Samples	<u>8260 Batch #V1N407:</u> Samples JD99501-2, JD99501-7, JD99501-9, and JD99501-11: Acetone: Response factors for these compounds is below 0.05 in the continuing calibrations. Samples JD99501-2, JD99501-7, JD99501-9, and JD99501-11: Acrylonitrile: Associated continuing calibration verification (CCV) outside of control limits high. Compound was outside of the Responsible Control Protocol (RCP) limits, and is biased high. Samples were ND. <u>8260 Batch #V1N408:</u> Sample JD99501-6: Acetone: Response factors for these compounds is below 0.05 in the continuing calibrations. Compound is outside the RCP limits, and is biased high. Sample JD99501-6: 1,4-Dioxane: Associated CCV outside of control limits high. Response factors for these compounds is below 0.05 in the initial calibrations. Sample was ND.

	Sample JD99501-6: Acrylonitrile: Associated CCV outside of control limits high. Compound is outside the RCP limits, and is biased high. Sample was ND. Sample JD99501-6: Chloromethane: Associated CCV outside of control limits high. Sample was ND. <u>8260 Batch #V2N407:</u> Samples JD99501-1, JD99501-3, JD99501-4, JD99501-8, and JD99501-10: Acrylonitrile: Associated CCV outside of control limits high. Compound is outside the RCP limits, and is biased high. Sample was ND. <u>8260 Batch #V2N408:</u> Sample JD99501-5: Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Sample JD99501-5: Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Response factors for these compounds is below 0.05 in the continuing calibrations. Sample JD99501-5: Chloromethane: Associated CCV outside of control limits high. Compound is outside the RCP limits, and is biased high. Sample was ND.
Surrogates	Nonconformances not noted relating to surrogate recoveries.
Site Specific Matrix Spikes and Matrix Spike Duplicates	Site specific MS/MSD not collected.
Tentatively Identified Compounds	TICs not analyzed.
Other QC data	

Results
Is the data useable for the intended purposes? ☒ Yes ☐ No

Reviewed/Approved

Name: Rebecca Keating Signature: Rebecca L. Keating Date: 5/9/2025

DATA USABILITY EVALUATION WORKSHEET

Project Name: Eversource Berlin Campus
Laboratory: SGS North America Inc.
Sample Delivery Group: JE8068
Sample Delivery Group Number:
Date Samples Collected: 03/19-20/2025
Reviewer: Rebecca Keating

Describe the intended use of the data:
Site Closure and/or Verification purposes as per Connecticut's UST regulations

Nonconformance DQA Review Elements	Briefly Summarize DQA Nonconformances
Laboratory Report Inspection	Nonconformances not noted relating to general laboratory reporting requirements.
Reasonable Confidence Evaluation	Nonconformances not noted relating to evaluation of CTDEEP Reasonable Confidence Protocols.
Chain of Custody Evaluation	Nonconformances not noted relating to chain of custody.
Sample Result Evaluation	Nonconformances not noted relating to evaluation of sample results.
Sample Preservation and Holding Time Evaluation	Nonconformances not noted related to sample preservation and/or holding times.
Blank Evaluation	Nonconformances not noted – all method blanks for all batches met method specific criteria.
Laboratory Control Samples	8260 Batch #V1S358: Samples JE8068-10 and JE8068-12: Acetone: Response factors for these compounds is below 0.05 in the continuing calibrations. Samples JE8068-10 and JE8068-12: Acrylonitrile: Associated continuing calibration verification (CCV) outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. 8206 Batch #V2S358: Sample JE8068-7: Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Response factors for these compounds is below 0.05 in the initial calibrations. Sample was ND. Sample JE8068-7: Acrylonitrile: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

	8260 Batch #V2X9034: Sample JE8068-1: Chloromethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Compound was outside of the Responsible Control Protocol (RCP) limits, and is biased high. Sample was ND. Sample JE8068-1: Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. 8260 Batch #V4A403: Samples JE8068-2, JE8068-4, JE8068-6, and JE8068-13: 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. 8260 Batch #V5A403: Samples JE8068-3, JE8068-5, JE8068-8, JE8068-9, and JE8068-11: 1,2-Dibromo-3-chloropropane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND. Sample JE8068-3: Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.
Surrogates	Nonconformances not noted relating to surrogate recoveries.
Site Specific Matrix Spikes and Matrix Spike Duplicates	Site specific MS/MSD not collected.
Tentatively Identified Compounds	TICs not analyzed.
Other QC data	

Results
Is the data useable for the intended purposes? ☒ Yes ☐ No

Reviewed/Approved

Name: Rebecca Keating Signature: Rebecca L. Keating Date: 5/9/2025