Eversource Energy Service Company

Release Investigation Report

Berlin Campus – Former UST J11
107 Selden Street
Berlin, Connecticut 06037

August 6, 2025

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107 Selden Street
Berlin, Connecticut 06037

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Date:
August 6, 2025

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Table of Contents

1 Introduction 1
2 Site Description 1
2.1 Regulatory Status 1
2.2 Abutting Properties 1
2.3 Physical Setting 2
2.3.1 Topography 2
2.3.2 Groundwater Classification 2
2.3.3 Surface Water 2
2.3.4 Site Geology 2
2.3.5 Site Hydrogeology 3
2.4 Previous Investigation and Remediation 3
3 2024 Release Investigation 4
3.1 Objectives 4
3.2 Comparison to RSR Criteria 4
3.3 Soil Borings 4
3.4 Monitoring Wells 5
3.5 Investigation Findings 5
3.5.1 Soil Results 5
3.5.2 Groundwater Results 6
4 Data Quality Evaluation 7
5 Conclusions and Recommendations 7
6 Limitations 8

Figures

Figure 1 – Site Location Map
Figure 2 – Site Map
Figure 3 – Soil Boring Location Map
Figure 4 – Soil Analytical Results Map
Figure 5 – Groundwater Monitoring Map February 15, 2024
Figure 6 – Groundwater Monitoring Map May 20-21, 2024
Figure 7 – Groundwater Monitoring Map October 29, 2024

Figure 8 – Groundwater Monitoring Map March 19-20, 2025

Tables

Table 1 – Summary of Soil Analytical Results - Detections Only
Table 2 – Summary of Groundwater Analytical Results - Detections Only

Appendices

Appendix A – Soil Boring Logs
Appendix B – Laboratory Analytical Reports – Soil
Appendix C – Low Flow Logs
Appendix D – Laboratory Analytical Reports – Groundwater
Appendix E – DQA/DUE Forms

1 Introduction

Groundwater & Environmental Services, Inc. (GES) has prepared this *Release Investigation Report* related to a historical gasoline release which occurred at the Eversource Berlin Campus located at 107 Selden Street, Berlin, Connecticut (the Site). The Site is listed in the Connecticut Department of Energy and Environmental Protection's (CTDEEP) database of potentially contaminated properties as a Leaking Underground Storage Tank site, specifically related to former gasoline underground storage tank (UST) J11. The Site is subject to Connecticut's Underground Storage Tank Regulations, Sections 22a-449(d)-1 through 22a-449(d)-113 of the Regulations of Connecticut State Agencies (RCSA).

The investigation was conducted in conformance with CTDEEP's Site Characterization Guidance Document (SCGD). The purpose of the investigation was to evaluate current soil and groundwater conditions related to a gasoline release from the former UST J11 to determine if previous remedial efforts have successfully reduced contaminant concentrations in soil and groundwater to levels below applicable cleanup criteria.

2 Site Description

The Site is located at 107 Selden Street in Berlin, Connecticut. The Site is situated on the east side of the Berlin Turnpike and serves as Eversource's headquarters and staging area for service trucks and supplies for electric distribution in the area. The campus comprises multiple office buildings, service and maintenance garages, and equipment and materials staging areas. The Site is located in a mixed commercial/residential area. Municipal utilities include electric, communication, water, and sewer (storm and sanitary) systems.

A site location map derived from the United States Geologic Survey (USGS) *7.5-minute Topographic Map for Berlin, Connecticut* is included as **Figure 1**. A figure depicting pertinent site features in the vicinity of the historical release area is included as **Figure 2**.

2.1 Regulatory Status

The Site is subject to Connecticut's Underground Storage Tank Regulations, Sections 22a-449(d)-1 through 22a-449(d)-113 of the RCSA. Remediation of soil and groundwater associated with the release from UST J11 is subject to CTDEEP's Remediation Standard Regulations (RSRs), Sections 22a-133k-1 through 22a-133k-3 of the RCSA.

2.2 Abutting Properties

Based on information GES obtained from the Town of Berlin online Geographic Information System (GIS), land use surrounding the Site includes the following:

- North – Webster Street and a retail commercial and residential properties
- East – farmland and residential properties

- South – wooded lands, residential properties and a retail commercial property
- West – Berlin Turnpike and multiple retail commercial properties

2.3 Physical Setting

2.3.1 Topography

The Site is geographically located at approximately 41°38'58.29"N, 72°43'31.79"W based on the North American Datum of 1983 (NAD83) coordinate system. The Site is situated on a local topographic high, and the land surface slopes downward in all directions. The main office complex is at an elevation of approximately 160 feet above mean sea level (AMSL), and the elevation at the Selden Street entrance from the Berlin Turnpike is approximately 40 feet AMSL.

2.3.2 Groundwater Classification

According to the Water Quality Classifications Berlin, CT map (CTDEEP 2018), the Site is located in a "GA" area. Designated uses for groundwater classified as GA include existing private and potential public or private supplies of water suitable for drinking without treatment, and baseflow for hydraulically connected surface water bodies.

2.3.3 Surface Water

There is an unnamed tributary that runs through the Site draining into the Mattabesset River to the south. The Mattabesset River, a tributary to the Connecticut river is approximately 300 feet from the south of the Site. Beckley Pond is approximately 1,000 feet from the eastern border of the property. Approximately 100 feet east of the property is Little Brook, a tributary to the Mattabesset River.

The surface water quality of both Beckley Pond and the unnamed river is classified as "A," indicating designated uses are habitat for fish and other aquatic life and wildlife; potential drinking water supplies; recreation; navigation; and water supply for industry and agriculture. The Mattabesset River is classified as "B," indicating its uses are habitat for fish and other aquatic life and wildlife; recreation; and water supply for industry and agriculture. Water quality information from these waterbodies is based off the *Water Quality Classifications Map Berlin, CT* (CTDEEP 2018).

2.3.4 Site Geology

According to Stone et al (1992), the surficial geology of the Site is composed of sand and gravel on the eastern side and bedrock on the western portion of the Site. The bedrock of the Site, according to Rodgers (1985), is composed of the Portland Arkose; a reddish-brown to maroon micaceous arkose and siltstone and red to black fissile silty shale. Grades eastward into coarse conglomerate.

Site geology observed during the field investigation was consistent with publicized information. Overburden was generally noted as fine to medium sand and gravel with trace silt that extended

from below grade improvements (either concrete, asphalt and/or grass), to approximately 20 feet below grade (fbg). Clay was also observed in a number of soil borings. Bedrock was generally encountered between 12 and 30 fbg as inferred from auger refusal or the presence of pulverized rock at the terminal depth of the borehole. The soil boring logs are presented as **Appendix A**.

2.3.5 Site Hydrogeology

GES conducted groundwater sampling events associated with the gasoline release investigation in February, May and October 2024 and March 2025. Based on the gauging data collected over the investigation period, the water table depth in the study area fluctuated between 0.64 to 18.68 fbg (**Table 2**). Groundwater elevation varies seasonally from well to well approximately three to five feet. Groundwater appears perched in the vicinity of monitoring well MW-16, from which depth to water measurements ranged between 0.64 and 2.52 feet; this is likely attributable to the presence of clay, which was observed during the monitoring well installation process. The inferred groundwater flow direction varies from east to southeast. The groundwater gradient between monitoring wells MW-1 and MW-15 was calculated at approximately 0.06 ft/ft using data from the most recent groundwater sampling event.

2.4 Previous Investigation and Remediation

A timeline of previous investigation and remediation activities at the Site is summarized below.

- July 1997 – Excavation and Removal of UST J11
  - UST J11 was excavated and removed. Available soil manifests indicate 135 cubic yards of soil was transported offsite for disposal.
- August to December 1997 – Soil Boring Investigation
  - Installation of monitoring wells MW-1 through MW-8 and MW-13 through MW-16. Monitoring wells MW-9 through MW-12 were previously installed circa 1990 as part of an unrelated hydraulic lift investigation in the vicinity of the maintenance garage, which is east of former UST J11.
- August 1997 to August 2010 – Intermittent Groundwater Monitoring
  - Six groundwater monitoring events including monitoring well liquid level gauging and sample collection for laboratory analyses were completed.
- 2004 - 2024 – Installation, operation and Intermittent Sampling of Air Sparge/Soil Vapor Extraction (AS/SVE) Remediation System
  - The system has reached asymptotic hydrocarbon recovery over the 20 years of operation. PID responses of 0.0 parts per million (ppm) were recorded over a period of more than four years. In 2024 the AS/SVE system was determined to be no longer functional and ready for decommissioning.

Refer to the GES *Findings and Opinion Report*, dated February 14, 2024, for additional details.

3 2024 Release Investigation

3.1 Objectives

The objective of the release investigation was to collect sufficient soil and groundwater data to either demonstrate compliance with RSRs has been achieved or to determine the additional steps needed to bring the Site into compliance. The Data Quality Objectives (DQOs) were to ensure samples were representative of the media sampled and were analyzed in compliance with CTDEEP Reasonable Confidence Protocols (RCP) such that the results were appropriate for compliance purposes.

3.2 Comparison to RSR Criteria

The RSRs apply to any action taken to remediate polluted soil, surface water, or groundwater at or emanating from a release area which action is required by law or by order of the Commissioner of the CTDEEP, including any such action required to be taken or verified by a licensed environmental professional. As such, comparison of soil and groundwater sample results to the RSR criteria provides a useful frame of reference for evaluating the sample results. The RSR criteria that would pertain to the remediation of soil at the Site include the GA Pollutant Mobility Criteria (GA PMC) and Residential Direct Exposure Criteria (RDEC). The RSR criteria that would pertain to the remediation of groundwater at the Site include the Groundwater Protection Criteria, Surface Water Protection Criteria, and the Residential Groundwater Volatilization Criteria. A discussion of sample results for soil and groundwater in terms of RSR criteria is provided in **Section 3.5** below.

3.3 Soil Borings

In preparation for the April and August 2024 as well as the March 2025 drilling activities, GES contacted Call-Before-You-Dig for public utility mark out service. On April 10, 2024, August 20, 2024, and February 27, 2025, Advanced Geophysical Services conducted a ground penetrating radar scan using the handheld electromagnetic metal detection and the radio-frequency utility detection methods of the proposed boring locations to ensure no conflicts with below grade utilities. Prior to soil boring advancement, each location was pre-cleared using soft dig clearance methods to ensure that boring locations were clear of underground utilities.

During the period April 2024 to March 2025, GES advanced and sampled 16 soil borings over three mobilizations. Soil from each boring was screened with a photoionization detector (PID) and samples were collect from locations with the highest PID measurements, the groundwater interface and/or the bottom of the soil borings. The samples were analyzed for both 8260 VOCs plus total and SPLP Lead. A map illustrating the soil boring locations is included as **Figure 3**.

3.4 Monitoring Wells

Groundwater monitoring wells MW-1 through MW-16 were installed by previous contractors during investigation activities completed from August to December 1997. The monitoring well depths ranged from approximately 15 fbg to 23 fbg. Each monitoring well was constructed with approximately 12 to 20 feet of screen, resulting in more than 10 feet of saturated screen in some cases. Monitoring wells with more than 10 feet of saturated are not considered representative of groundwater conditions under current standard practice.

During GES' initial site visit in 2023, monitoring wells MW-6 and MW-13 could not be located and were presumed paved over or destroyed. Under the oversight of GES, eight additional monitoring wells were installed over three mobilizations in 2024 and 2025, including MW-6A and MW-13A to replace monitoring wells MW-6 and MW-13, and MW-2A, MW-3A, MW-4A, MW-14A, MW-16A, and MW-17 to supplement the existing network for assessment and delineation of the groundwater plume. The new monitoring well depths ranged from 15 fbg to 20 fbg. Each monitoring well was constructed using 2-inch diameter polyvinyl chloride, 10 feet of 2-inch diameter pre-packed 0.01-inch screen set to bisect the observed water table, and 5 to 10 feet of 2-inch riser set approximately 0.5 fbg. A 1-foot bentonite seal was placed above the sand pack. The wells were finished flush to grade with a steel roadbox set in concrete.

During the initial groundwater sampling of the newly-installed wells, GES determined that the water table had risen above the screened interval in monitoring wells MW-6A and MW-14A. Monitoring wells MW-6A and MW-14A were subsequently over-drilled to remove the PVC, and new PVC wells with adjusted screen intervals were installed in the respective boreholes and renamed MW-6B and MW-14B, respectively.

A map illustrating the monitoring well locations is included as **Figure 3**.

3.5 Investigation Findings

3.5.1 Soil Results

A total of 47 soil samples collected during the April 2024 to March 2025 site investigation were submitted to SGS North America Inc. (SGS) and analyzed for one or more constituents of concern (COCs). Soil analytical results are presented in **Table 1**. A soil analytical results map is presented as **Figure 4**. The laboratory analytical reports are included in **Appendix B**.

A discussion of the soil analytical results are presented in detail below.

- PID responses ranged from 0.0 ppm at SB-8, MW-16A, and SB-104/MW-17 to more than 15,000 ppm at SB-6/MW-6B.
- Petroleum-type odor was observed in soil from borings MW-2A, SB-5, SB-6/MW-6B, SB-7, SB-100, SB-102, MW-13A, MW-14B and SB-104/MW-17.
- Staining was observed in soil from borings MW-2A, SB-5, SB-6/MW-6B, MW-13A and MW-14B.

- A sheen was observed in soil from the 15-19 foot interval of boring SB-6/MW-6B.
- Light Non-Aqueous Phase Liquid (LNAPL) was not observed in any of the soil borings.
- VOCs were not detected above laboratory reporting limits in 12 out of 47 soil samples.
- VOCs were detected in 35 out of 47 soil samples, all concentrations were below RSR criteria.
- Total lead was detected at concentrations below RSR criteria in all 47 soil samples.
- SPLP lead was not detected above laboratory reporting limits in 23 out of the 28 soil samples for which it was analyzed.
- SPLP lead was detected below RSR criteria in four out of the 28 soil samples for which it was analyzed. SPLP lead was also detected at 0.034 milligrams per liter (mg/L) in soil sample SB-3 (13-15 fbg), which exceeds the numeric GA PMC criteria of 0.015 mg/L; subsequent monitoring well gauging revealed the static water table elevation was above the depth the soil sample was collected and therefore, the GA PMC does not apply.

Acetone and methylene chloride were detected at low concentration in several of the soil samples. These chemicals are not gasoline constituents but are commonly used as solvents in laboratory analytical processes. As such, the presence of these chemicals in soil samples, at the concentrations detected, are attributed to laboratory contribution and are not indicative of a release. As evident from the analytical results presented in **Table 1**, soil samples are in compliance with the RDEC and GA PMC.

3.5.2 Groundwater Results

On February 15, May 20 and 21, October 29 and 30, 2024 and March 19 and 20, 2025, groundwater samples were collected from specific monitoring wells and submitted to SGS for analysis of COCs. Low flow logs are presented in **Appendix C** and the analytical results are presented in **Table 2**, **Appendix D**, and **Figures 5** through **8**.

- LNAPL was not detected in any of the monitoring wells over the course of the investigation period.
- Depth to groundwater during the investigation period ranged as follows:
  - February 2024 – 5.02 fbg in monitoring well MW-2 to 14.58 fbg in monitoring well MW-15
  - May 2024 – 2.52 fbg in monitoring well MW-16A to 14.34 fbg in monitoring well MW-15
  - October 2024 – 7.69 fbg in monitoring well MW-14B to 13.67 fbg in monitoring well MW-7
  - March 2025 – 0.64 fbg in monitoring well MW-16A to 18.68 fbg in monitoring well MW-15.
- Groundwater gradient was calculated at approximately 0.067 ft/ft between monitoring wells MW-1 and MW-15 during the most recent groundwater sampling event.
- Groundwater flow direction is generally to the southeast and south.
- VOC results are summarized as follows:

- February 2024 – detected concentrations were below RSR criteria
- May 2024 – detected concentrations were above RSR criteria in monitoring wells MW-6A, MW-7 and MW-8
- October 2024 – detected concentrations were above RSR criteria in monitoring wells MW-5, MW-6B and MW-8
- March 2025 – detected concentrations were above RSR criteria in monitoring wells MW-5, MW-8 and MW-17

- Total lead results are summarized as follows:
  - February 2024 – detected concentrations were below RSR criteria
  - May 2024 – detected concentrations were above RSR criteria in monitoring well MW-6A
  - October 2024 – detected concentrations were above RSR criteria in monitoring well MW-6B
  - March 2025 – detected concentrations were below RSR criteria

4 Data Quality Evaluation

In accordance with CTDEEP RCP procedures, a data quality assessment (DQA) and a data useability evaluation (DUE) have been completed for the soil and groundwater analytical data associated with this investigation. The intended purpose for the data is to demonstrate that soil and groundwater quality and quantity achieve the DQOs for site characterization and remediation purposes, including soil and groundwater compliance purposes.

Upon receipt of laboratory analytical data, quality assurance/quality control (QA/QC) data were reviewed and compared with RCP standards such as holding time, temperature upon receipt and reporting limits compared to RSR standards. Non-conformances and an explanation of the non-conformances and determination of data usability is presented in the DUE form. A review of the case narratives and the quality control data provided by the laboratory for soil and groundwater samples collected confirms that the data is of suitable quality to be usable for the intended purposes. Discussion of non-conformances, if any, associated with each individual laboratory report is included in the DUE forms presented in **Appendix E.**

5 Conclusions and Recommendations

Based on the findings of the release investigation, GES concludes data of sufficient quantity and quality has been collected to understand the nature and extent of the release area and contaminant plume associated with former UST J11. Prior remediation and natural attenuation processes have reduced contaminate concentrations in soil to below RSR criteria. Groundwater monitoring data demonstrates concentrations of dissolved phase constituents are decreasing, demonstrating the plume is in a diminishing state.

GES recommends the following activities:

- Initiate a post-remedial groundwater monitoring program consisting of quarterly groundwater sample collection using low stress sampling methods. Laboratory analysis of groundwater samples will include VOCs using EPA Method 8260 and total lead using EPA Method 6010.
- Removal of the AS/SVE system equipment and enclosure. A hazardous building materials survey will be completed prior to removal of the enclosure.
- Grout and cap subgrade AS/SVE piping.
- Prepare and submit a final UST closure report after successful completion of groundwater compliance monitoring.

6 Limitations

The investigations conducted by GES and reported herein have been undertaken in general accordance with the SCGD within the framework of the Purchase Order and associated scope of work negotiated between Eversource and GES. The investigations were performed in a professional manner in accordance with accepted practices using the degree of skill and care ordinarily exercised by reputable environmental consultants under similar circumstances. No investigation can wholly eliminate uncertainty regarding the presence and distribution of pollutants in the environment, and as such GES expressly does not warrant that all pollutants present on the Site have been identified. Should additional information become available, GES should review such new information, and the findings herein modified, as appropriate. This report should not be construed as a recommendation to purchase, sell, or develop the property.

References

Connecticut Department of Energy and Environmental Protection (CTDEEP). 2018. Water Quality Classifications Berlin, CT [map]. Scale 1:24,000. Hartford, CT: CTDEEP.

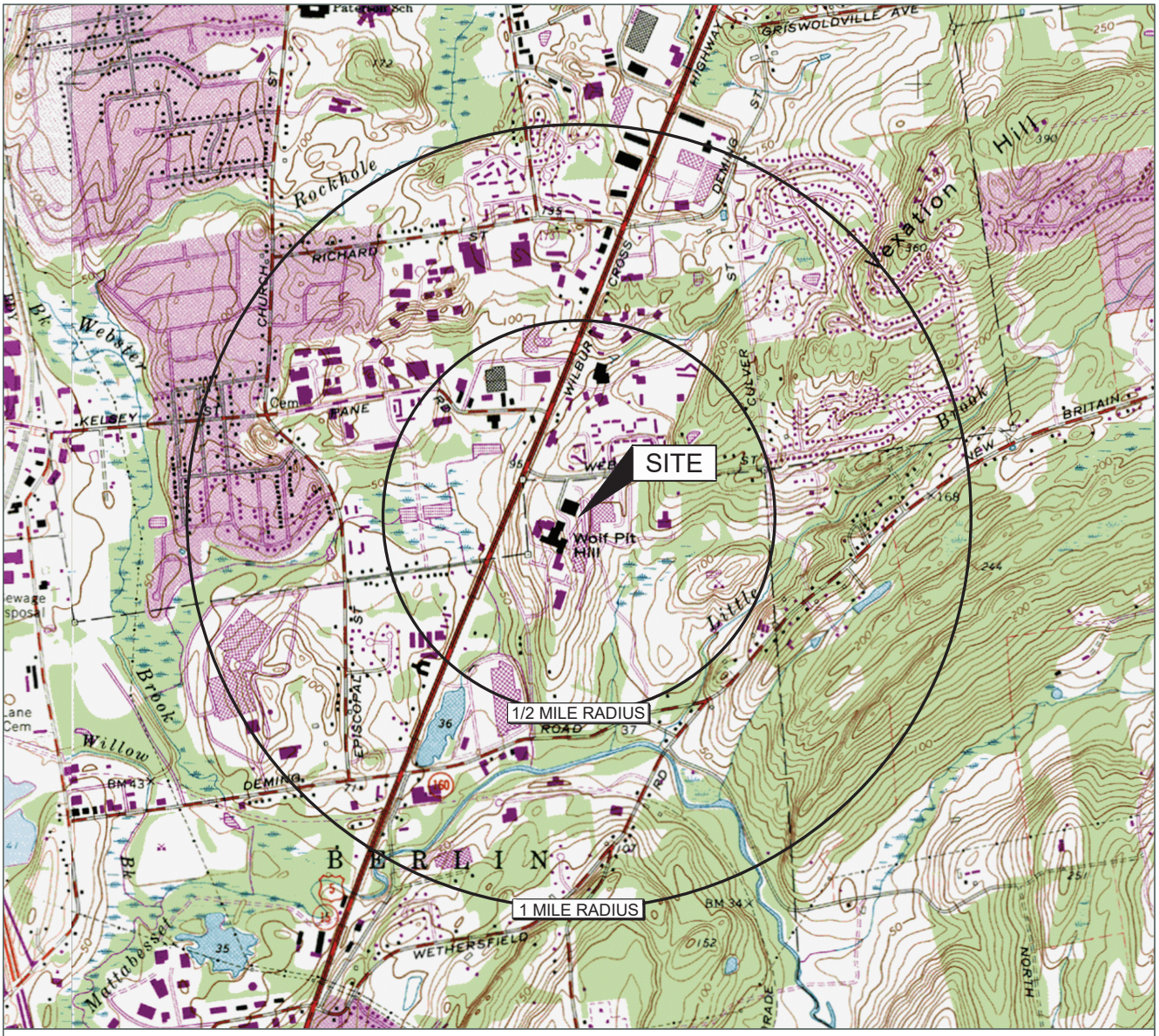
Stone J.R., Schafer J.P., London E.H., and Thompson W.B. 1992. Surficial Materials Map of Connecticut [map]. Sheet 1-2 of 2. Scale 1:125,000. Denver, CO: USGS.

Rogers J. (compiler). 1985. Bedrock Geology Map of Connecticut [map]. Sheet 1-2 of 2. Scale 1:125,000. Connecticut Natural Resources Atlas Series: Bedrock Geological Map. Capitol Heights, MD: Williams & Heintz Map Corporation.

Stone J.R., Schafer J.P., London E.H., and Thompson W.B. 1992. Surficial Materials Map of Connecticut [map]. Sheet 1-2 of 2. Scale 1:125,000. Denver, CO: USGS.

Groundwater & Environmental Services, Inc., February 14, 2024 Findings and Opinion Report

Figures



Source:
USGS 7.5 Minute Series
Topographic Quadrangle, YEAR
Hartford South, Connecticut
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Quadrangle Location

Site Location Map

Eversource Energy Service Company
107 Selden Street
Berlin, Connecticut

Drawn
E.V.
Designed
M.D.
Approved

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GES
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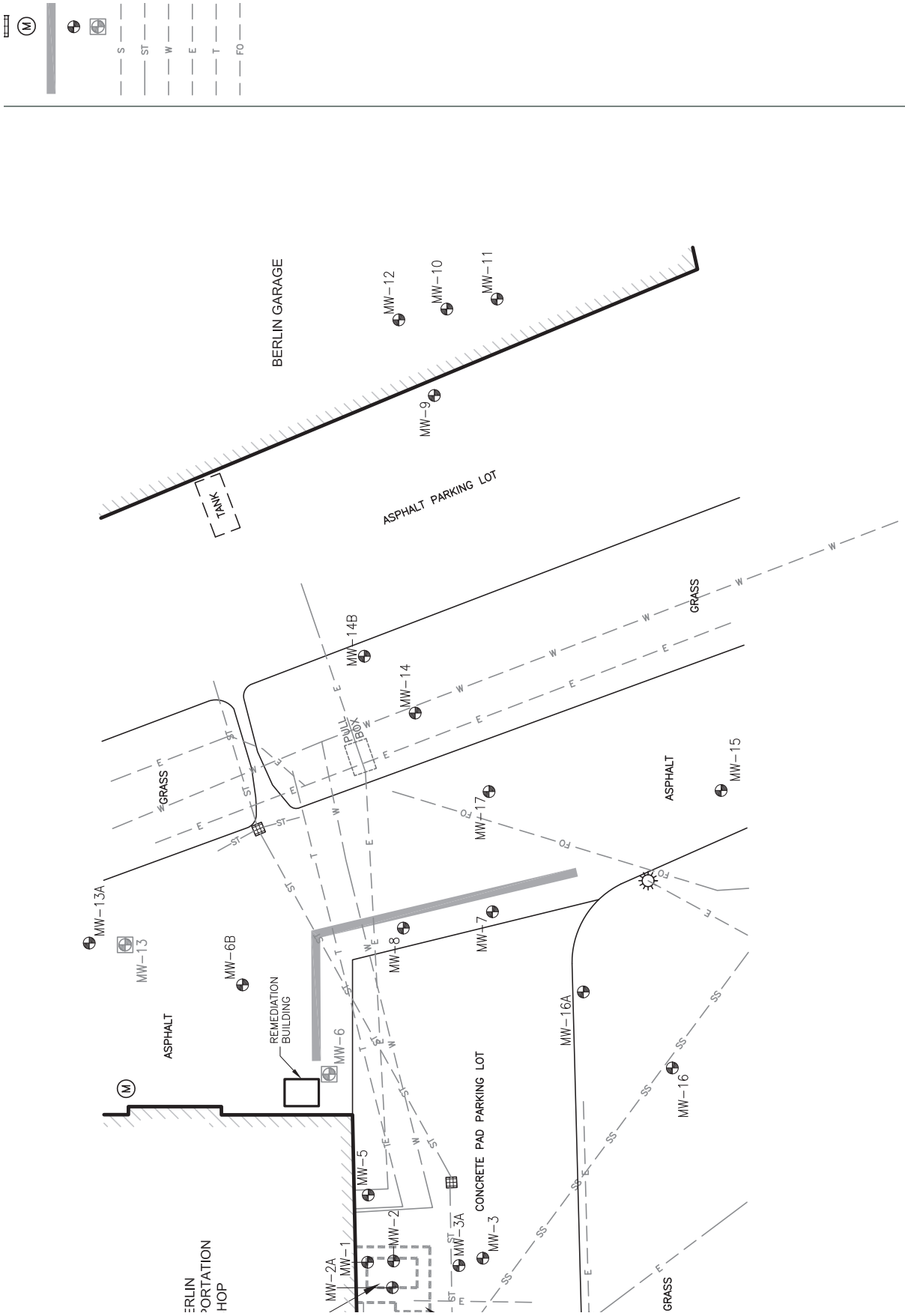
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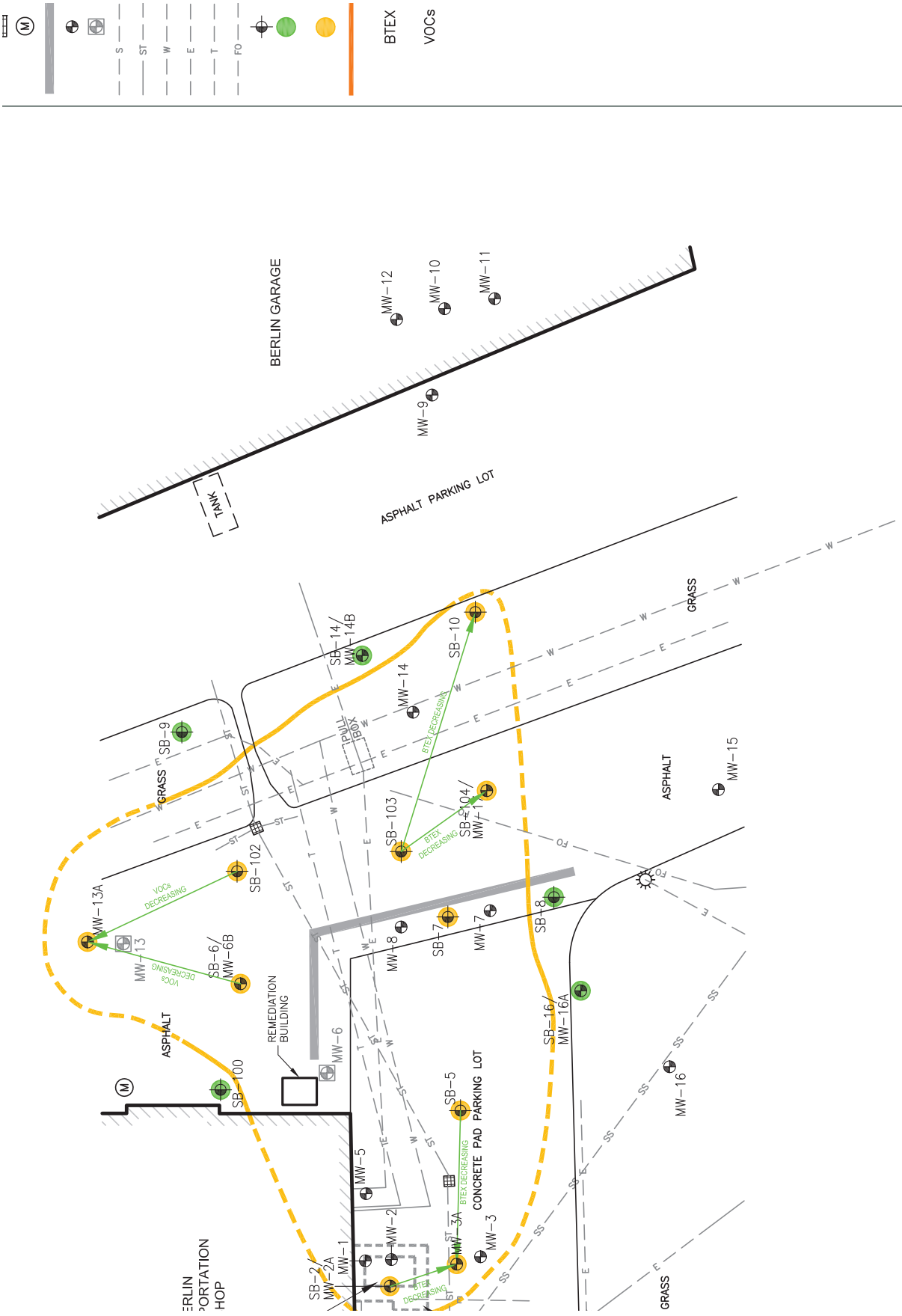
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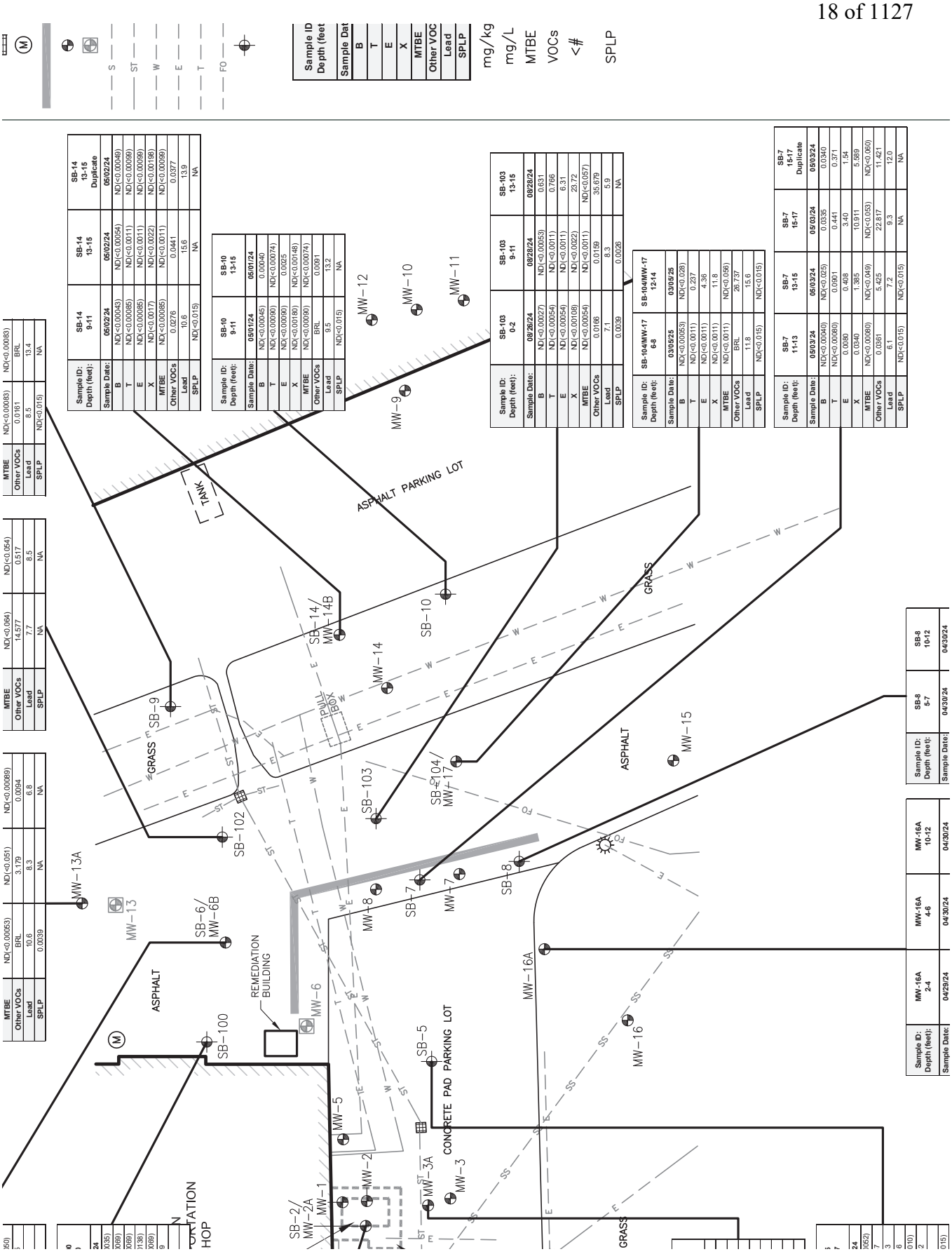
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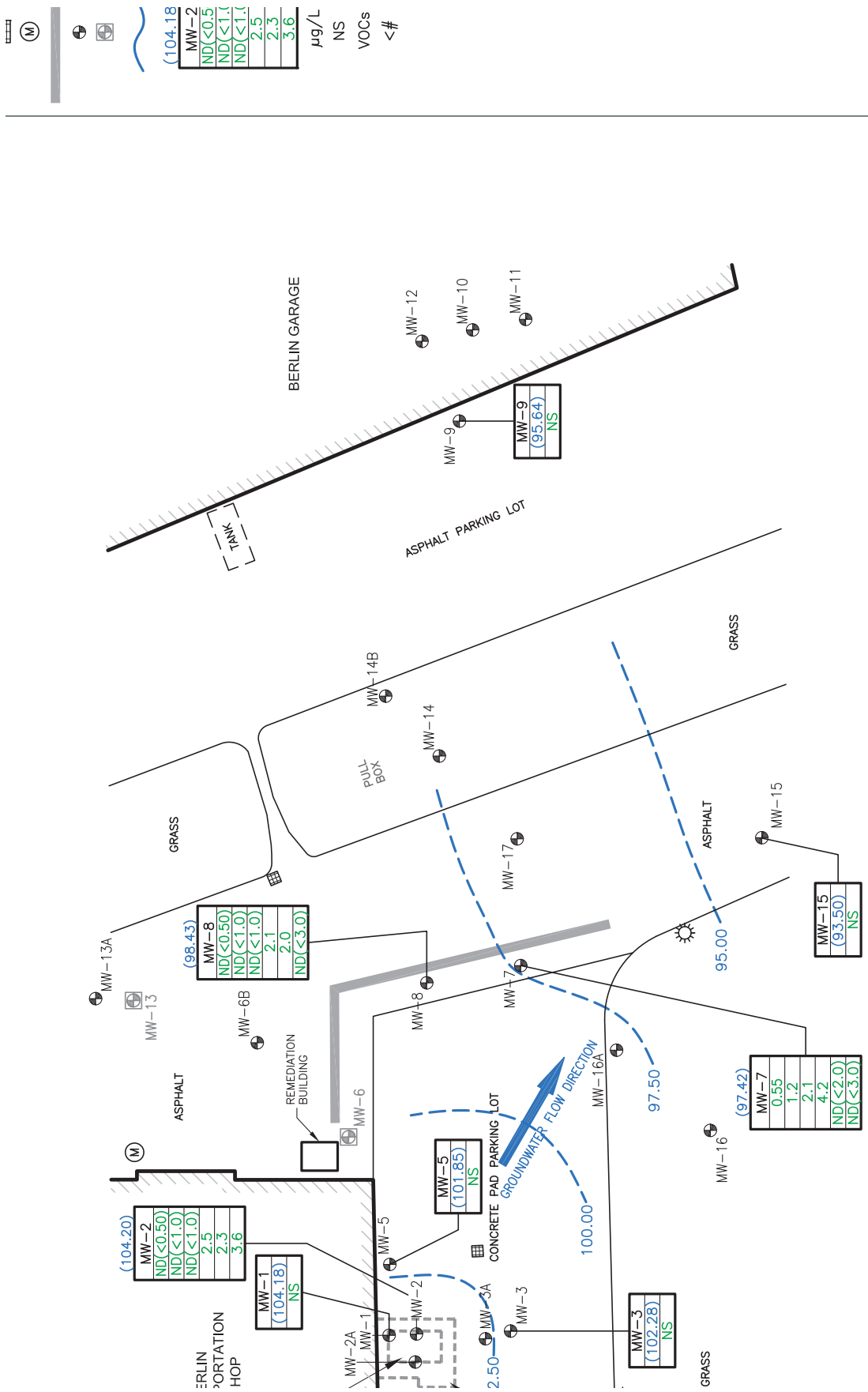
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ND(<3.(
ND(<2.(
ND(<1.(
ND(<1.(
ND(<0.5
MW-2
(97.57'
BERLIN GARAGE
MW-12
MW-10
MW-11
MW-9
TANK
ASPHALT PARKING LOT
GROUNDWATER FLOW DIRECTION
MW-14B
MW-14
PULL BOX
GRASS
94.50
95.00
95.50
96.00
96.50
97.00
97.50
MW-17
MW-8
MW-7
MW-15
MW-15
(DRY)
NS
MW-7
(94.31)
NS
ASPHALT
MW-13A
MW-13
MW-6B
REMEDIATION BUILDING
MW-6
MW-16A
MW-16
CONCRETE PAD
PARKING LOT
MW-5
MW-2
MW-3A
MW-3
MW-2A
MW-1
672
1,535.1
1,271.5
41.9
500
4,390
1,804.2
ND(<3.0)
ND(<1.0)
ND(<2.0)
209.3
ND(<3.0)
74.1
69.2
62.1
ND(<3.0)
ND(<1.0)
ND(<2.0)
3.2
3.0
GRASS
GRASS

NOTES:
1. VALUES
THE "0"
CRITERI
2. MW-16
CONTOL
<#
RVC
SWPC
GWPC
BRL
VOCs
NM
NS
µg/L
MW-2A
ND(<0.5
1.1
2.5
ND(<2.
BRL
ND(<3.
(98.98)
BERLIN GARAGE
MW-12
MW-10
MW-11
MW-9
TANK
ASPHALT PARKING LOT
GROUNDWATER FLOW DIRECTION
95.00
93.00
91.00
97.00
MW-14B
MW-14
MW-17
MW-15
MW-7
MW-16A
MW-16
MW-13A
MW-13
MW-6B
MW-8
MW-6
MW-5
MW-2
MW-1
MW-2A
MW-3A
MW-3
PULL BOX
REMEDIATION BUILDING
CONCRETE PAD
PARKING LOT
GRASS
ASPHALT
ND(<1.0)
ND(<1.0)
BRL
3.5
682
3,920
1,606.4
ND(<3.0)
ND(<1.0)
ND(<1.0)
45.6
ND(<3.0)
46.0
65.9
239.3
3.0
39.2
20.6
41.3
ND(<3.0)
(94.34)
MW-17
299
161
988
2,190
1,924.4
3.8
MW-15
(89.40)
NS
(94.38)
MW-7
0.74
ND(<1.0)
1.8
ND(<1.0)
BRL
NS
MW-16A
(106.85)
NS

Tables

mple ID:	SB-2/MW-2A (10-12)	SB-2 (14-16)	SB-2 (18-19.5)	SB-3 (5-7)	SB-3 (13-15)	SB-3 (17-18.5)	MW-4A (8-10)	MW-4A (14-16)	MW-4A (18-20)	SB-5 (5-7)	SB-5 (5-7)-DUP	SB-5 (13-15)	SB-5 (15-17)	SB-6 (9-11
Depth (feet):	10-12	14-16	18-19.5	5-7	13-15	17-18.5	8-10	14-16	18-20	5-7	5-7	13-15	15-17	9-11
sponse (ppm):	1.292	62.9	14.5	4.8	9.0	9.5	18.1	19.8	14.1	7.4	7.4	2,260	154.2	4.4
Well ID:	MW-2A	MW-2A	MW-2A	MW-3A	MW-3A	MW-3A	MW-4A	MW-4A	MW-4A	---	---	---	---	MW-6B
Lab Report ID:	JD87492-15	JD87492-16	JD87492-17	JD87492-29, -29A	JD87492-30, -30A	JD87492-31, -31A	JD87492-9, -9A	JD87492-8, -8A	JD87492-7, -7A	JD87492-32, -32A	JD87492-33, -33A	JD87492-34, -34A	JD87492-35, -35A	JD87492-21,
Sample Date:	05/01/24	05/01/24	05/01/24	05/03/24	05/03/24	05/03/24	04/30/24	04/30/24	04/30/24	05/03/24	05/03/24	05/03/24	05/03/24	05/02/24
mg/kg	*ND(<0.026)*	ND(<0.024)	ND(<0.00039)	ND(<0.00041)	ND(<0.00045)	ND(<0.00046)	ND(<0.00040)	ND(<0.00041)	ND(<0.00049)	ND(<0.00050)	ND(<0.00051)	ND(<0.031)	ND(<0.00052)	ND(<0.0003
mg/kg	0.0727	0.260	ND(<0.00077)	ND(<0.00082)	ND(<0.00089)	ND(<0.00092)	ND(<0.00080)	ND(<0.00082)	ND(<0.00098)	ND(<0.0010)	ND(<0.0010)	ND(<0.063)	0.0037	ND(<0.0007
mg/kg	0.820	2.73	0.0035	ND(<0.00082)	ND(<0.00089)	ND(<0.00092)	ND(<0.00080)	ND(<0.00082)	ND(<0.00098)	ND(<0.0010)	ND(<0.0010)	0.468	0.0133	ND(<0.0007
mg/kg	3.45	14.28	0.0193	ND(<0.00164)	ND(<0.00178)	ND(<0.00184)	ND(<0.00160)	ND(<0.00164)	ND(<0.00196)	ND(<0.0020)	ND(<0.0020)	1.935	0.0486	ND(<0.0014
mg/kg	4.3427	17.27	0.0228	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
mg/kg	ND(<0.052)	ND(<0.048)	ND(<0.00077)	ND(<0.00082)	ND(<0.00089)	ND(<0.00092)	ND(<0.00080)	ND(<0.00082)	ND(<0.00098)	ND(<0.0010)	ND(<0.0010)	ND(<0.063)	ND(<0.0010)	ND(<0.0007
mg/kg	ND(<0.52)	ND(<0.48)	ND(<0.0077)	0.0085	0.0095	ND(<0.0092)	ND(<0.0080)	ND(<0.0082)	ND(<0.0098)	ND(<0.010)	0.0120	ND(<0.63)	0.0109	0.0177
mg/kg	ND(<0.52)	ND(<0.48)	ND(<0.0077)	0.0092	ND(<0.0089)	ND(<0.0092)	ND(<0.0080)	ND(<0.0082)	ND(<0.0098)	ND(<0.010)	ND(<0.010)	ND(<0.63)	ND(<0.010)	ND(<0.007
mg/kg	0.123	0.313	0.0015	ND(<0.0016)	ND(<0.0018)	ND(<0.0018)	ND(<0.0016)	ND(<0.0016)	ND(<0.0020)	ND(<0.0020)	ND(<0.0020)	ND(<0.13)	ND(<0.0021)	ND(<0.001
mg/kg	ND(<0.10)	0.150	ND(<0.0015)	ND(<0.0016)	ND(<0.0018)	ND(<0.0018)	ND(<0.0016)	ND(<0.0016)	ND(<0.0020)	ND(<0.0020)	ND(<0.0020)	ND(<0.13)	ND(<0.0021)	ND(<0.001
mg/kg	ND(<0.10)	ND(<0.095)	ND(<0.0015)	ND(<0.0016)	ND(<0.0018)	ND(<0.0018)	ND(<0.0016)	ND(<0.0016)	ND(<0.0020)	ND(<0.0020)	ND(<0.0020)	ND(<0.13)	ND(<0.0021)	ND(<0.001
mg/kg	ND(<0.10)	ND(<0.095)	ND(<0.0015)	ND(<0.0016)	ND(<0.0018)	ND(<0.0018)	ND(<0.0016)	ND(<0.0016)	ND(<0.0020)	ND(<0.0020)	ND(<0.0020)	ND(<0.13)	ND(<0.0021)	ND(<0.001
mg/kg	0.192	0.491	ND(<0.0015)	ND(<0.0016)	ND(<0.0018)	ND(<0.0018)	ND(<0.0016)	ND(<0.0016)	ND(<0.0020)	ND(<0.0020)	ND(<0.0020)	ND(<0.13)	ND(<0.0021)	ND(<0.001
mg/kg	ND(<0.10)	ND(<0.095)	ND(<0.0015)	ND(<0.0016)	ND(<0.0018)	ND(<0.0018)	ND(<0.0016)	ND(<0.0016)	ND(<0.0020)	ND(<0.0020)	ND(<0.0020)	ND(<0.13)	ND(<0.0021)	ND(<0.001
mg/kg	ND(<0.26)	ND(<0.24)	ND(<0.0039)	ND(<0.0041)	0.0049	0.0047	ND(<0.0040)	ND(<0.0041)	ND(<0.0049)	ND(<0.0050)	ND(<0.0051)	ND(<0.31)	ND(<0.0052)	ND(<0.0031
mg/kg	0.547	1.34	ND(<0.0039)	ND(<0.0041)	ND(<0.0045)	ND(<0.0046)	ND(<0.0040)	ND(<0.0041)	ND(<0.0049)	ND(<0.0050)	ND(<0.0051)	0.466	0.0102	ND(<0.0031
mg/kg	0.433	1.12	0.0027	ND(<0.0016)	ND(<0.0018)	ND(<0.0018)	ND(<0.0016)	ND(<0.0016)	ND(<0.0020)	ND(<0.0020)	ND(<0.0020)	0.198	ND(<0.0021)	ND(<0.001
mg/kg	ND(<0.10)	ND(<0.095)	ND(<0.0015)	ND(<0.0016)	ND(<0.0018)	ND(<0.0018)	ND(<0.0016)	ND(<0.0016)	ND(<0.0020)	ND(<0.0020)	ND(<0.0020)	ND(<0.13)	ND(<0.0021)	ND(<0.001
mg/kg	ND(<0.052)	ND(<0.048)	ND(<0.00077)	ND(<0.00082)	ND(<0.00089)	ND(<0.00092)	ND(<0.00082)	ND(<0.00082)	ND(<0.00098)	ND(<0.0010)	ND(<0.0010)	ND(<0.063)	ND(<0.0010)	ND(<0.0007
mg/kg	3.00	8.18	0.0210	ND(<0.0016)	ND(<0.0018)	ND(<0.0018)	ND(<0.0016)	ND(<0.0016)	ND(<0.0020)	ND(<0.0020)	ND(<0.0020)	1.27	0.0116	ND(<0.001
mg/kg	1.05	2.8	0.0068	ND(<0.0016)	ND(<0.0018)	ND(<0.0018)	ND(<0.0016)	ND(<0.0016)	ND(<0.0020)	ND(<0.0020)	ND(<0.0020)	0.424	0.0025	ND(<0.001
mg/kg	ND(<0.10)	ND(<0.095)	ND(<0.0015)	ND(<0.0016)	ND(<0.0018)	ND(<0.0018)	ND(<0.0016)	ND(<0.0016)	ND(<0.0020)	ND(<0.0020)	ND(<0.0020)	ND(<0.13)	ND(<0.0021)	ND(<0.001
mg/kg	10.1	6.6	7.4	9.5	7.0	6.1	7.6	7.3	7.1	13.4	13.1	7.1	7.7	8.0
mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LP) 6010D/7470A														
mg/L	NA	NA	NA	ND(<0.015)	0.034	ND(<0.015)	ND(<0.015)	ND(<0.015)	ND(<0.015)	ND(<0.015)	ND(<0.015)	ND(<0.015)	ND(<0.015)	ND(<0.015
mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

mple ID:	SB-7 (11-13)		SB-7 (13-15)		SB-7 (15-17)		SB-7 (15-17)-DUP		SB-8 (5-7)		SB-8 (10-12)		SB-9 (7-9)		SB-9 (13-13.5)		SB-10 (9-11)		SB-10 (13-15)		SB-14 (9-11)		SB-14 (13-15)		SB-14 (13-15)-DUP		MW-16A (2
Depth (feet):	11-13		13-15		15-17		15-17		5-7		10-12		7-9		13-13.5		9-11		13-15		9-11		13-15		13-15		2-4
sponse (ppm):	12.1		4,023		791		791		0.0		0.0		5.8		4.6		7.7		8.7		9.8		4.0		4.0		1.2
Well ID:	---		---		---		---		---		---		---		---		---		---		MW-14B		MW-14B		MW-14B		MW-16A
Lab Report ID:	JD87492-36, -36A		JD87492-37, -37A		JD87492-38		JD87492-39		JD87492-5, -5A		JD87492-6, -6A		JD87492-19, -19A		JD87492-20		JD87492-12, -12A		JD87492-13		JD87492-25, -25A		JD87492-26		JD87492-27		JD87492-1,
Sample Date:	05/03/24		05/03/24		05/03/24		05/03/24		04/30/24		04/30/24		05/02/24		05/02/24		05/01/24		05/01/24		05/02/24		05/02/24		05/02/24		04/29/24
mg/kg	ND(<0.00040)		ND(<0.025)		0.0335		0.0340		ND(<0.00051)		ND(<0.00048)		ND(<0.00042)		ND(<0.00041)		ND(<0.00045)		0.00040		ND(<0.00043)		ND(<0.00054)		ND(<0.00049)		ND(<0.0004
mg/kg	ND(<0.00080)		0.0901		0.441		0.371		ND(<0.0010)		ND(<0.00096)		ND(<0.00083)		ND(<0.00083)		ND(<0.00090)		ND(<0.00074)		ND(<0.00085)		ND(<0.0011)		ND(<0.00099)		ND(<0.0009
mg/kg	0.0090		0.408		3.40		1.54		ND(<0.0010)		ND(<0.00096)		ND(<0.00083)		ND(<0.00083)		ND(<0.00090)		0.0025		ND(<0.00085)		ND(<0.0011)		ND(<0.00099)		ND(<0.0009
mg/kg	0.0340		1.385		10.911		5.589		ND(<0.0020)		ND(<0.00192)		ND(<0.00166)		ND(<0.00166)		ND(<0.00180)		ND(<0.00148)		ND(<0.0017)		ND(<0.0022)		ND(<0.00198)		ND(<0.0018
mg/kg	0.042		1.8831		14.7855		7.534		BRL		BRL		BRL		BRL		BRL		0.0029		BRL		BRL		BRL		BRL
mg/kg	ND(<0.00080)		ND(<0.049)		ND(<0.053)		ND(<0.060)		ND(<0.0010)		ND(<0.00096)		ND(<0.00083)		ND(<0.00083)		ND(<0.00090)		ND(<0.00074)		ND(<0.00085)		ND(<0.0011)		ND(<0.00099)		ND(<0.0009
mg/kg	0.0137		ND(<0.49)		ND(<0.53)		ND(<0.60)		ND(<0.010)		ND(<0.0096)		0.0117		ND(<0.0083)		ND(<0.0090)		0.0091		0.0276		0.0441		0.0377		ND(<0.0095
mg/kg	ND(<0.0080)		ND(<0.49)		ND(<0.53)		ND(<0.60)		ND(<0.010)		ND(<0.0096)		ND(<0.0083)		ND(<0.0083)		ND(<0.0090)		ND(<0.0.0074)		ND(<0.0085)		ND(<0.011)		ND(<0.0099)		ND(<0.0095
mg/kg	ND(<0.0016)		0.781		0.833		0.514		ND(<0.0020)		ND(<0.0019)		ND(<0.0017)		ND(<0.0017)		ND(<0.0018)		ND(<0.0015)		ND(<0.0017)		ND(<0.0022)		ND(<0.0020)		ND(<0.0015
mg/kg	ND(<0.0016)		0.181		0.239		0.141		ND(<0.0020)		ND(<0.0019)		ND(<0.0017)		ND(<0.0017)		ND(<0.0018)		ND(<0.0015)		ND(<0.0017)		ND(<0.0022)		ND(<0.0020)		ND(<0.0015
mg/kg	ND(<0.0016)		ND(<0.099)		ND(<0.11)		ND(<0.12)		ND(<0.0020)		ND(<0.0019)		ND(<0.0017)		ND(<0.0017)		ND(<0.0018)		ND(<0.0015)		ND(<0.0017)		ND(<0.0022)		ND(<0.0020)		ND(<0.0015
mg/kg	ND(<0.0016)		ND(<0.099)		ND(<0.11)		ND(<0.12)		ND(<0.0020)		ND(<0.0019)		ND(<0.0017)		ND(<0.0017)		ND(<0.0018)		ND(<0.0015)		ND(<0.0017)		ND(<0.0022)		ND(<0.0020)		ND(<0.0015
mg/kg	ND(<0.0016)		0.112		0.625		0.319		ND(<0.0020)		ND(<0.0019)		ND(<0.0017)		ND(<0.0017)		ND(<0.0018)		ND(<0.0015)		ND(<0.0017)		ND(<0.0022)		ND(<0.0020)		ND(<0.0015
mg/kg	ND(<0.0016)		0.101		0.140		ND(<0.12)		ND(<0.0020)		ND(<0.0019)		ND(<0.0017)		ND(<0.0017)		ND(<0.0018)		ND(<0.0015)		ND(<0.0017)		ND(<0.0022)		ND(<0.0020)		ND(<0.0015
mg/kg	ND(<0.0040)		ND(<0.25)		ND(<0.27)		ND(<0.30)		ND(<0.0051)		ND(<0.0048)		0.0044		ND(<0.0041)		ND(<0.0045)		ND(<0.0037)		ND(<0.0043)		ND(<0.0054)		ND(<0.0049)		ND(<0.0041
mg/kg	ND(<0.0040)		0.305		1.55		0.617		ND(<0.0051)		ND(<0.0048)		ND(<0.0042)		ND(<0.0041)		ND(<0.0045)		ND(<0.0037)		ND(<0.0043)		ND(<0.0054)		ND(<0.0049)		ND(<0.0041
mg/kg	0.0024		0.568		2.23		1.22		ND(<0.0020)		ND(<0.0019)		ND(<0.0017)		ND(<0.0017)		ND(<0.0018)		ND(<0.0015)		ND(<0.0017)		ND(<0.0022)		ND(<0.0020)		ND(<0.0015
mg/kg	ND(<0.0016)		ND(<0.099)		ND(<0.11)		ND(<0.12)		ND(<0.0020)		ND(<0.0019)		ND(<0.0017)		ND(<0.0017)		ND(<0.0018)		ND(<0.0015)		ND(<0.0017)		ND(<0.0022)		ND(<0.0020)		ND(<0.0015
mg/kg	ND(<0.00080)		ND(<0.049)		ND(<0.053)		ND(<0.060)		ND(<0.0010)		ND(<0.00096)		ND(<0.00083)		ND(<0.00083)		ND(<0.00090)		ND(<0.00074)		ND(<0.00085)		ND(<0.0011)		ND(<0.00099)		ND(<0.0009
mg/kg	0.0148		2.39		13.0		6.41		ND(<0.0020)		ND(<0.0019)		ND(<0.0017)		ND(<0.0017)		ND(<0.0018)		ND(<0.0015)		ND(<0.0017)		ND(<0.0022)		ND(<0.0020)		ND(<0.0015
mg/kg	0.0052		0.987		4.20		2.20		ND(<0.0020)		ND(<0.0019)		ND(<0.0017)		ND(<0.0017)		ND(<0.0018)		ND(<0.0015)		ND(<0.0017)		ND(<0.0022)		ND(<0.0020)		ND(<0.0015
mg/kg	ND(<0.0016)		ND(<0.099)		ND(<0.11)		ND(<0.12)		ND(<0.0020)		ND(<0.0019)		ND(<0.0017)		ND(<0.0017)		ND(<0.0018)		ND(<0.0015)		ND(<0.0017)		ND(<0.0022)		ND(<0.0020)		ND(<0.0015
mg/kg	6.1		7.2		9.3		12.0		18.7		9.0		8.5		13.4		9.5		13.2		10.6		15.6		13.9		13.4
mg/kg	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA
LP) 6010D/7470.																											
mg/L	ND(<0.015)		ND(<0.015)		NA		NA		ND(<0.015)		ND(<0.015)		ND(<0.015)		NA		ND(<0.015)		NA		ND(<0.015)		NA		NA		ND(<0.015
mg/L	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA

			Sample ID:	SB-100 (13-15)	SB-100 (13-15)-DUP	SB-100 (14-20)	SB-102 (13-15)	SB-102 (15-17)	SB-103 (0-2)	SB-103 (9-11)	SB-103 (13-15)	MW-13A (0-2)	MW-13A (13-15)	MW-13A (15-17)	SB-104/MW-
			Depth (feet):	13-15	13-15	19-20	13-15	15-17	0-2	9-11	13-15	0-2	13-15	15-17	6-8
			PID Response (ppm):	340.9	340.9	31.3	418.3	131.4	6.0	13.9	623.4	16.2	700.5	11.2	0.0
			Well ID:	---	---	---	---	---	---	---	---	MW-13A	MW-13A	MW-13A	MW-17
			Lab Report ID:	JD95164-1	JD95164-2	JD95164-3	JD95163-3	JD95163-4	JD95162-3, -3A	JD95163-6	JD95163-5	JD95162-2, -2A	JD95163-1	JD95163-2	JE68751
	RDEC	GA PMC	Sample Date:	08/27/24	08/27/24	08/27/24	08/28/24	08/28/24	08/26/24	08/28/24	08/28/24	08/26/24	08/28/24	08/28/24	03/05/25
(VOCs) by USEPA Method 8260															
	21	0.02	mg/kg	ND(<0.00045)	ND(<0.00036)	ND(<0.00035)	ND(<0.032)	ND(<0.027)	ND(<0.00027)	ND(<0.00053)	0.631	ND(<0.00027)	ND(<0.025)	ND(<0.00044)	ND(<0.0005
	500	20	mg/kg	ND(<0.00090)	ND(<0.00071)	ND(<0.00069)	ND(<0.064)	ND(<0.054)	ND(<0.00054)	ND(<0.0011)	0.766	ND(<0.00053)	ND(<0.051)	ND(<0.00089)	ND(<0.001
	500	10.1	mg/kg	ND(<0.00090)	ND(<0.00071)	ND(<0.00069)	ND(<0.064)	ND(<0.054)	ND(<0.00054)	ND(<0.0011)	6.31	ND(<0.00053)	ND(<0.051)	ND(<0.00089)	ND(<0.0011
	500	19.5	mg/kg	ND(<0.00180)	ND(<0.00142)	ND(<0.00138)	ND(<0.128)	ND(<0.108)	ND(<0.00108)	ND(<0.0022)	23.72	ND(<0.00106)	ND(<0.102)	ND(<0.00178)	ND(<0.001
	NE	NE	mg/kg	BRL	BRL	BRL	BRL	BRL	BRL	BRL	31.427	BRL	BRL	BRL	BRL
	500	2	mg/kg	ND(<0.00090)	ND(<0.00071)	ND(<0.00069)	ND(<0.064)	ND(<0.054)	ND(<0.00054)	ND(<0.0011)	ND(<0.057)	ND(<0.00053)	ND(<0.051)	ND(<0.00089)	ND(<0.001
	500	14	mg/kg	0.0163	0.0220	0.0247	ND(<0.64)	ND(<0.54)	0.0166	0.0159	ND(<0.57)	ND(<0.0053)	ND(<0.51)	0.0094	ND(<0.011
	500	8	mg/kg	ND(<0.0090)	ND(<0.0071)	ND(<0.0069)	ND(<0.64)	ND(<0.54)	ND(<0.0054)	ND(<0.011)	ND(<0.57)	ND(<0.0053)	ND(<0.51)	ND(<0.0089)	ND(<0.011
	[500]	[7]	mg/kg	0.0022	ND(<0.0014)	0.0045	1.72	ND(<0.11)	ND(<0.0011)	ND(<0.0021)	1.67	ND(<0.0011)	0.737	ND(<0.0018)	ND(<0.0021
	[500]	[7]	mg/kg	ND(<0.0018)	ND(<0.0014)	0.0017	0.411	ND(<0.11)	ND(<0.0011)	ND(<0.0021)	0.373	ND(<0.0011)	0.209	ND(<0.0018)	ND(<0.0021
	[500]	[7]	mg/kg	ND(<0.0018)	ND(<0.0014)	ND(<0.0014)	0.136	ND(<0.11)	ND(<0.0011)	ND(<0.0021)	0.165	ND(<0.0011)	ND(<0.10)	ND(<0.0018)	ND(<0.0021
	[500]	[0.8]	mg/kg	ND(<0.0018)	ND(<0.0014)	ND(<0.0014)	ND(<0.13)	ND(<0.11)	ND(<0.0011)	ND(<0.0021)	ND(<0.11)	ND(<0.0011)	ND(<0.10)	ND(<0.0018)	ND(<0.0021
	[500]	[0.50]	mg/kg	ND(<0.0018)	ND(<0.0014)	ND(<0.0014)	0.457	ND(<0.11)	ND(<0.0011)	ND(<0.0021)	0.948	ND(<0.0011)	ND(<0.10)	ND(<0.0018)	ND(<0.0021
	[500]	[0.50]	mg/kg	ND(<0.0018)	ND(<0.0014)	ND(<0.0014)	0.263	ND(<0.11)	ND(<0.0011)	ND(<0.0021)	0.233	ND(<0.0011)	0.115	ND(<0.0018)	ND(<0.0021
	82	0.1	mg/kg	ND(<0.0045)	ND(<0.0036)	ND(<0.0035)	ND(<0.32)	ND(<0.27)	ND(<0.0027)	ND(<0.0053)	ND(<0.28)	ND(<0.0027)	ND(<0.25)	ND(<0.0044)	ND(<0.0055
	1000	5.6	mg/kg	ND(<0.0045)	ND(<0.0036)	ND(<0.0035)	ND(<0.32)	ND(<0.27)	ND(<0.0027)	ND(<0.0053)	2.99	ND(<0.0027)	ND(<0.25)	ND(<0.0044)	ND(<0.0055
	[500]	[1.0]	mg/kg	ND(<0.0018)	ND(<0.0014)	ND(<0.0014)	1.88	ND(<0.11)	ND(<0.0011)	ND(<0.0021)	3.47	ND(<0.0011)	0.467	ND(<0.0018)	ND(<0.002
	12	0.1	mg/kg	ND(<0.0018)	ND(<0.0014)	ND(<0.0014)	ND(<0.13)	ND(<0.11)	ND(<0.0011)	ND(<0.0021)	ND(<0.11)	ND(<0.0011)	ND(<0.10)	ND(<0.0018)	ND(<0.0021
	56	0.1	mg/kg	ND(<0.00090)	ND(<0.00071)	ND(<0.00069)	ND(<0.064)	ND(<0.054)	ND(<0.00054)	ND(<0.0011)	ND(<0.057)	ND(<0.00053)	ND(<0.051)	ND(<0.00089)	ND(<0.001
	[500]	[2.8]	mg/kg	ND(<0.0018)	ND(<0.0014)	ND(<0.0014)	6.21	0.320	ND(<0.0011)	ND(<0.0021)	19.7	ND(<0.0011)	0.857	ND(<0.0018)	ND(<0.002
	[500]	[2.8]	mg/kg	ND(<0.0018)	ND(<0.0014)	ND(<0.0014)	3.50	0.197	ND(<0.0011)	ND(<0.0021)	6.13	ND(<0.0011)	0.794	ND(<0.0018)	ND(<0.002
	0.32	0.04	mg/kg	ND(<0.0018)	ND(<0.0014)	ND(<0.0014)	ND(<0.13)	ND(<0.11)	ND(<0.0011)	ND(<0.0021)	ND(<0.11)	ND(<0.0011)	ND(<0.10)	ND(<0.0018)	ND(<0.0021
via via USEPA method 6010D/7471B															
	400	NA	mg/kg	8.1	7.8	6.0	7.7	8.5	7.1	8.3	5.9	10.6	8.3	6.8	11.8
	Various	NA	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
nthetic Precipitation Leaching Procedure (SPLP) 6010D/7470															
	NA	0.015	mg/L	NA	NA	NA	NA	NA	0.0039	0.0026	NA	0.0039	NA	NA	ND(<0.015
	Various	NA	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ilogram
ter
detector
not applicable
ove the laboratory reporting limit
y Reporting Limits
ing substance criterion
andard Regulations
ct Exposure Criteria
bility Criteria
nvironmental Protection Agency
partment of Energy and Environmental Protection
Department of Environmental Protection
etection above regulatory criteria
rting limit exceeds RSR Criteria

	Depth to Water	GW Elevation	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Naphthalene	Isopropylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	2-Butanone	Trichloroethene	Tetrachloroethene	cis-1,2-Dichloroethene	Chloroform	Chlorobenzene	1,2-Dichlorobenzene	1,1,1-Trichloroethane	1,1-Dichloroethane
	feet	feet	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg
			1	1,000	700	530	100	280	[25]	[140]	[140]	[350]	[50]	[25]	[350]	[350]	400	5	5	70	6	100	1,800	600	200	70
			215	23,500	50,000	21,300	50,000	NE	[900]	[940]	[730]	[1,600]	[1,200]	[870]	[1,500]	[1,900]	50,000	27	340	NE	287	1,800	6,150	30,500	50,000	20,400	3,00
			530	50,000	50,000	50,000	50,000	NE	[2,200]	[12,800]	[10,000]	[21,800]	[2,900]	[2,100]	[20,100]	[25,300]	50,000	67	810	NE	710	6,150	50,000	50,000	50,000	41,0
			710	4,000,000	580,000	[270]	[10,000]	[210]	[200]	[150]	[260]	[10,000]	[10,000]	[200]	[10,000]	[10,000]	[10,000]	2,340	88	[6,200]	14,100	420,000	170,000	62,000	62,000	[4,10
0	4.84	104.46	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS
0	5.12	104.18	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS
0	5.22	104.08	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS
0	11.75	97.55	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
0	7.96	101.34	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
2	4.73	104.49	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS
2	5.02	104.20	ND(<0.50)	ND(<1.0)	ND(<1.0)	2.5	ND(<1.0)	ND(<5.0)	ND(<1.0)	2.3	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
2	5.07	104.15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2	11.55	97.67	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
2	11.98	97.24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
0	5.26	103.04	ND(<0.50)	ND(<1.0)	6.0	27.3	ND(<1.0)	ND(<5.0)	ND(<1.0)	11.6	4.5	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
0	11.81	96.49	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS
0	9.32	98.98	ND(<0.50)	1.1	2.5	18.8	ND(<1.0)	ND(<5.0)	ND(<1.0)	5.2	2.0	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
9	6.53	102.36	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS
9	6.61	102.28	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS
9	6.33	102.56	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS
9	11.65	97.24	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS
9	9.54	99.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
3	6.72	101.31	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
3	11.91	96.12	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
3	9.75	98.28	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
8	5.58	103.40	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS
8	5.59	103.39	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
8	5.34	103.64	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
8	11.02	98.96	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS
8	8.94	101.04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1	5.34	102.77	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
1	11.02	97.09	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
1	8.74	99.37	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
8	7.36	101.92	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS
8	7.43	101.85	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS
8	7.14	102.14	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS
8	12.22	97.06	**11.7**	74.1	69.2	ND(<1.0)	10.9	5.4	33.8	3.3	ND(<2.0)	8.7	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
8	10.56	98.72	**6.6**	7.2	39.2	20.6	ND(<1.0)	ND(<5.0)	5.0	28.7	ND(<2.0)	7.6	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
3	8.01	98.12	**1.4**	11.3	700	**1,912**	ND(<1.0)	165	**49.4**	**675**	**196**	10.7	**123**	2.5	5.6	4.7	29.0	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
1	12.03	96.08	**4.1**	6.1	672	**1,535.1**	ND(<5.0)	148	**40.7**	**753**	**239**	ND(<10)	**90.8**	ND(<10)	ND(<10)	ND(<10)	ND(<50)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<
1	11.57	96.54	ND(<0.50)	ND(<1.0)	46.0	65.9	ND(<1.0)	15.4	6.1	130	46.1	2.6	18.0	ND(<2.0)	ND(<2.0)	21.1	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
8	NM	NM	Wellhead Submerged - Inaccessible																							
8	10.56	97.42	0.55	1.2	2.1	4.2	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
8	10.23	97.75	**1.1**	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
8	13.67	94.31	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
8	13.60	94.38	0.74	ND(<1.0)	1.8	ND(<1.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
2	9.34	98.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2	9.39	98.43	ND(<0.50)	ND(<1.0)	ND(<1.0)	2.1	ND(<1.0)	ND(<5.0)	ND(<1.0)	2.0	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
2	8.97	98.85	**3.4**	40.6	59.6	**628**	ND(<1.0)	75.1	3.2	**224**	13.1	ND(<2.0)	5.0	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
2	12.68	95.14	**27.7**	374	500	**4,390**	ND(<10)	**356**	17.7	**1,230**	**171**	ND(<20)	29.5	ND(<20)	ND(<20)	ND(<20)	ND(<100)	ND(<10)	ND(<10)	ND(<10)	ND(<10)	ND(<10)	ND(<10)	ND(<10)	ND(<10)	ND(<
2	12.37	95.45	**72.2**	451	682	**3,920**	ND(<10)	**295**	**35.3**	**1,030**	**175**	ND(<20)	**71.1**	ND(<20)	ND(<20)	ND(<20)	ND(<100)	ND(<10)	ND(<10)	ND(<10)	ND(<10)	ND(<10)	ND(<10)	ND(<10)	ND(<10)	ND(<
3	6.37	95.66	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	2.1	ND(<
3	6.39	95.64	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS
3	5.90	96.13	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
2	11.97	95.85	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	10.5	3.1	ND(<2.0)	4.1	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
2	11.46	96.36	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	3.6	9.9	9.5	14.3	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
2	5.05	96.17	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	65.2	39.6	ND(<2.0)	8.0	3.7	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
7	7.69	94.18	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	3.2	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
7	5.97	95.90	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
8	14.66	93.42	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
8	14.58	93.50	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS^	NS
8	14.34	93.74	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
8	18.68	89.40	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
9	2.52	104.97	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<2.0)	ND(<1.0)	ND(<5.0)	ND(<1.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<10)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<
9	0.64	106.85	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
8	12.94	94.34	299	161	988	**2,190**	ND(<2.5)	**254**	**68.9**	**998**	**335**	14.1	**185**	ND(<5.0)	8.1	5.8	55.5	ND(<2.5)	ND(<2.5)	ND(<2.5)	ND(<2.5)	ND(<2.5)	ND(<2.5)	ND(<2.5)	ND(<2.5)	ND(<

Exceeds GWPC
Exceeds GWPC & SWPC
Exceeds GWPC & RVC

NS = not sampled
NS^ = not sampled because more than 10 feet of saturated screen present
Values in brackets are default Additional Pollutina Substance criteria

ria
a
eria

Appendix A – Soil Boring Logs

Monitoring Well Completion

Groundwater & Environmental Services, Inc.

ID NO. MW-2A

Project: **Eversource Berlin**	Client: **Eversource Energy**	Regulatory Case #: **NA**
Address: **107 Selden St, Berlin, CT**	GES Job #:**1503724**	Regulatory Program
County: **Hartford**	GES Project Mgr: **Michael DeGloria**	Permit #: **NA**
Logged By: **Matthew Jusino**	Date Drilled: **5/1/24**	Split Spoon/Acetate Sleeve Diameter: **2 in.**
Drilling Company: **Drilex Environmental**	Completion Date: **5/1/24**	Split Spoon/Acetate Sleeve Length: **2 ft.**
Drill Operator: **Enzo Gravante**	Drilling Method: **Hollow-Stem Auger**	Soil Classification System: **Burmister**
Drill Rig Type: **Mobile B-57**	Sampling Method: **Split Spoon**	Field Screening: **PID 10.6 eV Lamp (ppm)**
Borehole Diameter: **8.25 in.**	Surface Elevation: **NA**	Top of Bentonite Seal: **1 fbg.**
Total Depth: **19.5 fbg.**	Well Diameter: **2 in.**	Type of Seal: **Bentonite Chips**
Refusal Depth: **19.5 fbg.**	Riser Length: **2.5 ft.**	Top of Sand: **2 fbg.**
Initial Depth to Water: **6 fbg.**	Screen Slot Size: **0.01 in.**	Sand Type: **#1 Sand**
	Screen Length: **10 ft., Pre-Packed**	Well Material Type: **Schedule 40 PVC**
		Top of Grout: **NA**

Depth (feet)	Sample Interval (feet)	Recovery (inches)	Field Screen (ppm) 1 : 5,000	Blow Counts 1100	Geologic Description	Comments	Well Completion Detail
0	0-2	Pre-Cleared (0-8')	0.0	4-32 13-12	Brownish-gray fine Sand and small angular gravel. Dry, no odor. Fill.		Concrete w/ Roadbox
	2-4		0.0		Reddish-brown fine to medium Sand, little small angular and subangular gravel, trace silt. Dry, loose, no odor.		Sand
5	4-6		0.0		Reddish-brown fine to medium Sand, little small angular and subangular gravel, trace silt. Moist, loose, no odor.		Bentonite
	6-7		0.0		Reddish-brown fine to medium Sand, little small angular and subangular gravel, trace silt. Wet, loose, no odor.	Water Encountered at 6 fbg.	Riser
	8-10	18/24	848.1		Brown Sand and Silt, some small gravel. Saturated, no staining.		Pre-Packed Screen
10	10-12	18/24	1,292	12-14 14-15	Brown fine Sand and Silt, some fractured rock. Saturated, stain, strong petroleum-type odor.	Sample MW-2A (10-12)	Sand
	12-14	20/24	321.3	10-12 14-36	Brown fine Sand and Silt, some fractured rock. Saturated, stain, strong petroleum-type odor.		
15	14-16	9/24	62.9	9-15 27-20	Brown fine Sand and Silt, some fractured rock. Saturated, stain, strong petroleum-type odor.	Sample MW-2A (14-16)	
	16-18	24/24	70.2	20-28 16-21	Brown fine Sand and Silt, some fractured rock. Saturated, stain, strong petroleum-type odor.		
	18-20	23/24	14.5	16-46 85-X	Brown fine Sand and Silt, turning to crushed rock.	Sample MW-2A (18-19.5)	

Air-Knife/Vaccuum

Hollow-Stem Auger

Proportions Used:

Trace = < 5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = > 40%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.

Blow Count Pentration Resistance:

Consistency (M&C)		Density (G&S)	
<2 =	Very Soft	0-4 =	Very Loose
2-4 =	Soft	4-10 =	Loose
4-8 =	Medium	10-30 =	Medium
8-15 =	Stiff	30-50 =	Dense
15-30 =	Very Stiff	>50 =	Very Dense
>30 =	Hard		

Symbols:

Apparent Water Level
Lab Sample Location

Monitoring Well Completion

Groundwater & Environmental Services, Inc.

ID NO. MW-3A

Project: **Eversource Berlin**	Client: **Eversource Energy**	Regulatory Case #: **NA**
Address: **107 Selden St, Berlin, CT**	GES Job #:**1503724**	Regulatory Program
County: **Hartford**	GES Project Mgr: **Michael DeGloria**	Permit #: **NA**
Logged By: **Matthew Jusino**	Date Drilled: **5/1/24, 5/3/24**	Split Spoon/Acetate Sleeve Diameter: **2 in.**
Drilling Company: **Drilex Environmental**	Completion Date: **5/3/24**	Split Spoon/Acetate Sleeve Length: **2 ft.**
Drill Operator: **Enzo Gravante**	Drilling Method: **Hollow-Stem Auger**	Soil Classification System: **Burmister**
Drill Rig Type: **Mobile B-57**	Sampling Method: **Split Spoon**	Field Screening: **PID 10.6 eV Lamp (ppm)**
Borehole Diameter: **8.25 in.**	Surface Elevation: **NA**	Top of Bentonite Seal: **2 fbg.**
Total Depth: **18.5 fbg.**	Well Diameter: **2 in.**	Type of Seal: **Bentonite Chips**
Refusal Depth: **18.5 fbg.**	Riser Length: **3.5 ft.**	Top of Sand: **3 fbg.**
Initial Depth to Water: **Not Encountered**	Screen Slot Size: **0.01 in.**	Sand Type: **#1 Sand**
	Screen Length: **10 ft., Pre-Packed**	Well Material Type: **Schedule 40 PVC**
		Top of Grout: **NA**

Depth (feet)	Sample Interval (feet)	Recovery (inches)	Field Screen (ppm) 1 : 5,000	Blow Counts 1100	Geologic Description	Comments	Well Completion Detail
0	0-2	Pre-Cleared (0-5')	0.0		Brownish-gray fine to coarse Sand, some small angular-subangular gravel. Loose.		Concrete w/ Roadbox Sand
	2-4		0.0		Reddish-brown Silt, some clay, little coarse sand and gravel. Cohesive, medium to high plasticity. Moderately dense.		Riser Bentonite
5	4-5		0.0		Reddish-brown Silt and fine to medium Sand, trace coarse sand and gravel. Cohesive, low plasticity. Soft, no odor.	Sample SB-3 (5-7)	
	5-7	16/24	4.8	6-7 14-12	Reddish-brown fine to medium Sand, some coarse sand, trace gravel and silt.		
	7-9	12/24	8.7	23-22 21-50	Reddish-brown fine to medium Sand, some coarse sand, trace gravel and silt.		Sand
10	9-11	17/24	8.9	16-15 20-51	Crushed rock, some reddish-brown fine to medium sand, little coarse sand, trace small-large gravel and silt.		Pre-Packed Screen
	11-13	21/24	8.5	43-23 17-23	Crushed rock, some reddish-brown fine to medium sand, little coarse sand, trace small-large gravel and silt.	Sample SB-3 (13-15)	
	13-15	23/24	9.0	14-25 22-26	Reddish-brown fine to medium Sand, some coarse sand, little small subangular gravel.		
15	15-17	23/24	9.5	35-20 33-33	Reddish-brown fine to medium Sand, some coarse sand, little small subangular gravel.		
	17-19	12/24	9.5	46-60 81(6")	Reddish-brown fine to medium Sand, some coarse sand, little small subangular gravel.	Sample SB-3 (17-18.5)	

Air-Knife/Vaccuum

Hollow-Stem Auger

Proportions Used:

Trace = < 5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = > 40%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.

Blow Count Pentration Resistance:

Consistency (M&C)		Density (G&S)	
<2 =	Very Soft	0-4 =	Very Loose
2-4 =	Soft	4-10 =	Loose
4-8 =	Medium	10-30 =	Medium
8-15 =	Stiff	30-50 =	Dense
15-30 =	Very Stiff	>50 =	Very Dense
>30 =	Hard		

Symbols:

Apparent Water Level
Lab Sample Location

Monitoring Well Completion

Groundwater & Environmental Services, Inc.

ID NO. MW-4A

Project: **Eversource Berlin**	Client: **Eversource Energy**	Regulatory Case #: **NA**
Address: **107 Selden St, Berlin, CT**	GES Job #:**1503724**	Regulatory Program
County: **Hartford**	GES Project Mgr: **Michael DeGloria**	Permit #: **NA**
Logged By: **Matthew Jusino**	Date Drilled: **4/30/24**	Split Spoon/Acetate Sleeve Diameter: **2 in.**
Drilling Company: **Drilex Environmental**	Completion Date: **4/30/24**	Split Spoon/Acetate Sleeve Length: **2 ft.**
Drill Operator: **Enzo Gravante**	Drilling Method: **Hollow-Stem Auger**	Soil Classification System: **Burmister**
Drill Rig Type: **Mobile B-57**	Sampling Method: **Split Spoon**	Field Screening: **PID 10.6 eV Lamp (ppm)**
Borehole Diameter: **8.25 in.**	Surface Elevation: **NA**	Top of Bentonite Seal: **2 fbg.**
Total Depth: **20 fbg.**	Well Diameter: **2 in.**	Type of Seal: **Bentonite Chips**
Refusal Depth: **20 fbg.**	Riser Length: **3.5 ft.**	Top of Sand: **3 fbg.**
Initial Depth to Water: **Not Encountered**	Screen Slot Size: **0.01 in.**	Sand Type: **#1 Sand**
	Screen Length: **10 ft., Pre-Packed**	Well Material Type: **Schedule 40 PVC**
		Top of Grout: **NA**

Depth (feet)	Sample Interval (feet)	Recovery (inches)	Field Screen (ppm) 1 : 5,000	Blow Counts 1100	Geologic Description	Comments	Well Completion Detail
0	0-2	Pre-Cleared (0-8')	0.0		Reddish-brown coarse Gravel/cobbles, angular. Dry, no odor.		Concrete w/ Roadbox
	2-4		0.0		Reddish-brown Silt, some fine to coarse sand, little small angular gravel, trace clay. Soft, non-plastic, non-cohesive. Dry, no odor.		Sand
5	4-6		0.0		Cobbles, reddish-brown Silt and medium Sand, trace clay. Cohesive, low plasticity, soft. Dry, no odor.		Riser
	6-8		0.0		Cobbles, reddish-brown Silt and medium Sand, trace clay. Cohesive, low plasticity, soft. Dry, no odor.		Bentonite
	8-10	24/24	18.1	14-17 13-20	Reddish-brown fine Sand and Clay, some silt, little crushed rock.	Sample MW-4A (8-10)	Sand
10	10-12	18/24	15.3	10-19 17-18	Reddish-brown fine Sand and Clay, some silt, little crushed rock.		Pre-Packed Screen
	12-14	24/24	16.7	24-23 22-24	Reddish-brown fine Sand and Clay, some silt, little crushed rock.		
15	14-16	18/24	19.8	13-20 35-35	Reddish-brown fine Sand and Clay, some silt, little crushed rock.	Sample MW-4A (14-16)	
	16-18	6/24	10.1	43-46 (3")	Crushed rock, little fine sand and clay. Dry.		
	18-20	10/24	14.1	32-30 44-65	Crushed rock, turning to reddish-brown fine to medium Sand, some silt.	Sample MW-4A (18-20)	
20							

Air-Knife/Vaccuum

Hollow-Stem Auger

Proportions Used:

Trace = < 5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = > 40%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.

Blow Count Pentration Resistance:

Consistency (M&C)		Density (G&S)	
<2 =	Very Soft	0-4 =	Very Loose
2-4 =	Soft	4-10 =	Loose
4-8 =	Medium	10-30 =	Medium
8-15 =	Stiff	30-50 =	Dense
15-30 =	Very Stiff	>50 =	Very Dense
>30 =	Hard		

Symbols:

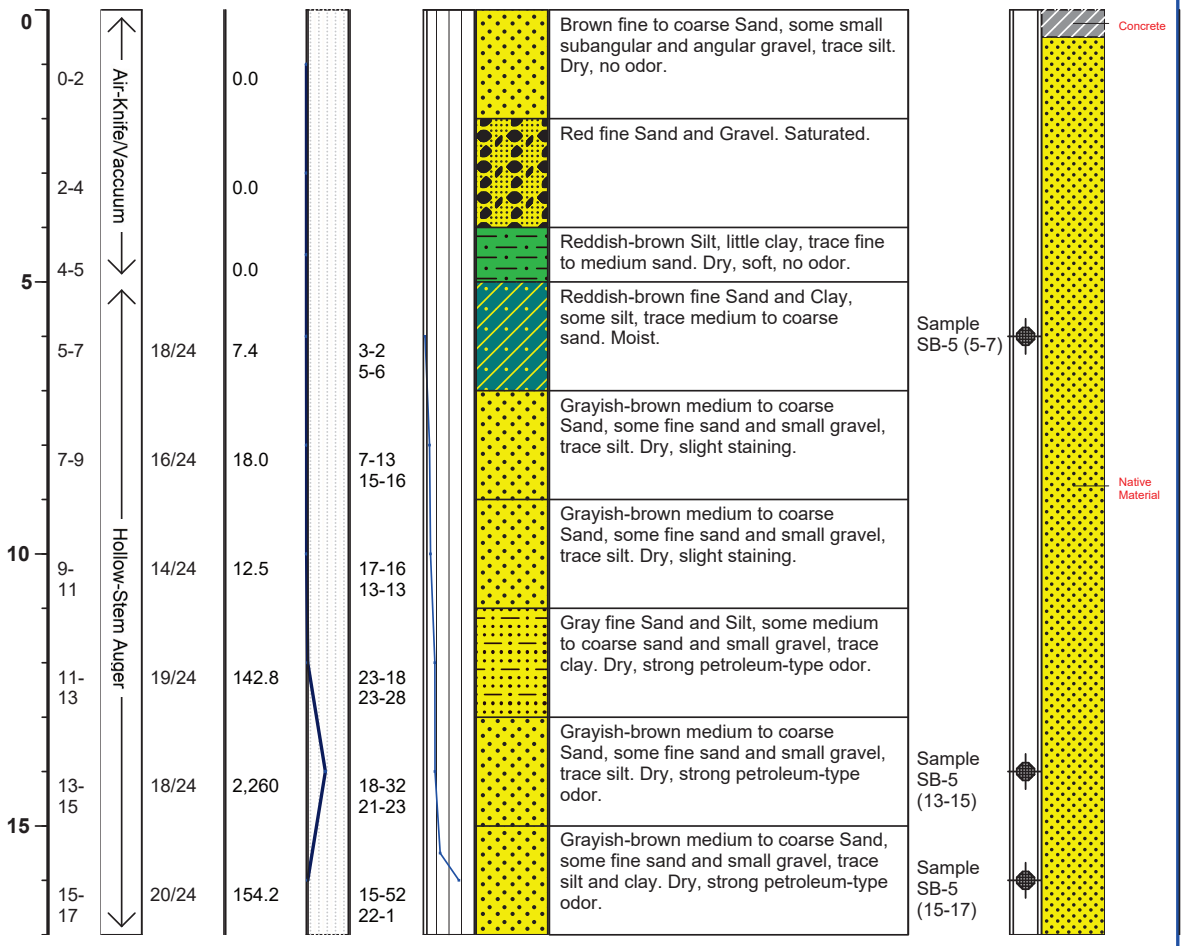
Apparent Water Level
Lab Sample Location

Soil Boring Completion

Groundwater & Environmental Services, Inc.

ID NO. **SB-5**

Project: **Eversource Berlin**	Client: **Eversource Energy**	Regulatory Case # **NA**
Address: **107 Selden St, Berlin, CT**	GES Job #: **1503724**	Regulatory Program **NA**
County: **New Haven**	GES Project Mgr: **Michael DeGloria**	Permit #: **NA**
Logged By: **Matthew Jusino**	Date Drilled: **5/1/2024, 5/3/2024**	Split Spoon/Acetate Sleeve Dia: **2 in.**
Drilling Company: **Drilex Environmental**	Completion Date: **5/3/2024**	Split Spoon/Acetate Sleeve Length: **2 ft.**
Drill Operator: **Enzo Gravante**	Drilling Method: **Hollow-Stem Auger**	Soil Classification System: **Burmister**
Drill Rig Type: **Mobile B-57**	Sampling Method: **Split Spoon**	Field Screening: **PID 10.6 eV Lamp (ppm)**
Borehole Diameter: **8.25 in.**	Surface Elevation: **NA**	Abandonment Method: **Backfill & Concrete Patch**
Total Depth: **17 fbg.**	Depth to Water: **Not Encountered**	Backfill Material: **Native Soil**
Refusal Depth: **17 fbg.**	Auger Flights ID/OD: **NA**	Abandonment Completion Date: **5/3/2024**



Proportions Used:

Trace = < 5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = > 40%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.

Blow Count Penetration Resistance:

Consistency (M&C)	Density (G&S)
<2 = Very Soft	0-4 = Very Loose
2-4 = Soft	4-10 = Loose
4-8 = Medium	10-30 = Medium
8-15 = Stiff	30-50 = Dense
15-30 = Very Stiff	50> = Very Dense
>30 = Hard	

Symbols:

Apparent Water Level ▽
Lab Sample Location ✦

Monitoring Well Completion

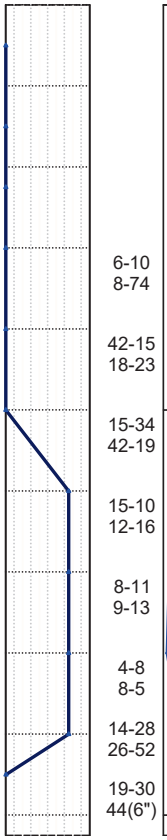
Groundwater & Environmental Services, Inc.

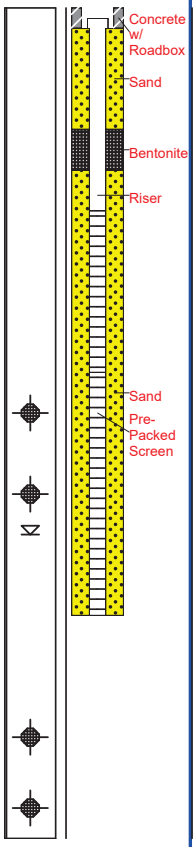
ID NO. SB-6/MW-6B

Project: **Eversource Berlin**	Client: **Eversource Energy**	Regulatory Case #: **NA**
Address: **107 Selden St, Berlin, CT**	GES Job #:**1503724**	Regulatory Program
County: **Hartford**	GES Project Mgr: **Michael DeGloria**	Permit #: **NA**
Logged By: **Matthew Jusino**	Date Drilled: **5/1/24, 5/2/24**	Split Spoon/Acetate Sleeve Diameter: **2 in.**
Drilling Company: **Drilex Environmental**	Completion Date: **5/2/24**	Split Spoon/Acetate Sleeve Length: **2 ft.**
Drill Operator: **Enzo Gravante**	Drilling Method: **Hollow-Stem Auger**	Soil Classification System: **Burmister**
Drill Rig Type: **Mobile B-57**	Sampling Method: **Split Spoon**	Field Screening: **PID 10.6 eV Lamp (ppm)**
Borehole Diameter: **8.25 in.**	Surface Elevation: **NA**	Top of Bentonite Seal: **3 fbg.**
Total Depth: **20.5 fbg.**	Well Diameter: **2 in.**	Type of Seal: **Bentonite Chips**
Refusal Depth: **20.5 fbg.**	Riser Length: **5.0 ft.**	Top of Sand: **4 fbg.**
Initial Depth to Water: **13 fbg.**	Screen Slot Size: **0.01 in.**	Sand Type: **#1 Sand**
	Screen Length: **10 ft., Pre-Packed**	Well Material Type: **Schedule 40 PVC**
		Top of Grout: **NA**

Depth (feet)	Sample Interval (feet)	Recovery (inches)	Field Screen (ppm) 1 : 20,000	Blow Counts 1100	Geologic Description	Comments	Well Completion Detail
0	0-2	Pre-Cleared (0-5')	0.9	6-10 8-74	Reddish-Brown fine to coarse Sand and Silt, trace small subangular gravel. Dry, no odor.		Concrete w/ Roadbox
	2-4		0.4		Reddish-Brown Silt. Non-cohesive, non-plastic, soft.		Sand
5	4-5		0.1		Reddish-brown Silty Clay. Dry, soft, non-cohesive, non-plastic.		
	5-7	23/24	5.0		Reddish-brown Clay, Some fine-medium sand & silt. Dry.		Bentonite
	7-9	13/24	5.3	42-15 18-23	Reddish-brown Sand & Silt, little clay, some crushed rock. Dry, no stain, no odor.		Riser
10	9-11	6/24	4.4	15-34 42-19	Crushed Rock, trace sand and silt. Moist.	Sample SB-6 (9-11)	
	11-13	20/24	15,000 +	15-10 12-16	Fine to medium Sand, some coarse sand, trace silt and small gravel. Moist, stain, strong petroleum-type odor.	Sample SB-6 (11-13)	Sand
	13-15	15/24	15,000 +	8-11 9-13	Fine Sand and Silt, trace medium sand. Saturated, slight stain and sheen, strong petroleum-type odor.	Water Encountered at 13 fbg.	Pre-Packed Screen
15	15-17	7/24	15,000 +	4-8 8-5	Fine Sand and Silt, trace medium sand. Saturated, slight stain and sheen, strong petroleum-type odor.		
	17-19	24/24	15,000 +	14-28 26-52	Fine Sand and Silt, trace medium sand. Saturated, slight stain and sheen, strong petroleum-type odor.	Sample SB-6 (17-19)	
20	19-21	4/24	31.4	19-30 44(6")	Gray medium to coarse Sand, trace silt, small gravel, and cobbles turning to crushed rock.	Sample SB-6 (19-20.5)	

Hollow-Stem Auger





Proportions Used:
Trace = < 5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = > 40%

Notes:
NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.

Blow Count Pentration Resistance:

Consistency (M&C)		Density (G&S)	
<2 =	Very Soft	0-4 =	Very Loose
2-4 =	Soft	4-10 =	Loose
4-8 =	Medium	10-30 =	Medium
8-15 =	Stiff	30-50 =	Dense
15-30 =	Very Stiff	>50 =	Very Dense
>30 =	Hard		

Symbols:
Apparent Water Level
Lab Sample Location

Soil Boring Completion

Groundwater & Environmental Services, Inc.

ID NO. **SB-7**

Project: **Eversource Berlin**	Client: **Eversource Energy**	Regulatory Case # **NA**
Address: **107 Selden St, Berlin, CT**	GES Job #: **1503724**	Regulatory Program **NA**
County: **New Haven**	GES Project Mgr: **Michael DeGloria**	Permit #: **NA**
Logged By: **Matthew Jusino**	Date Drilled: **5/1/2024, 5/3/2024**	Split Spoon/Acetate Sleeve Dia: **2 in.**
Drilling Company: **Drilex Environmental**	Completion Date: **5/3/2024**	Split Spoon/Acetate Sleeve Length: **2 ft.**
Drill Operator: **Enzo Gravante**	Drilling Method: **Hollow-Stem Auger**	Soil Classification System: **Burmister**
Drill Rig Type: **Mobile B-57**	Sampling Method: **Split Spoon**	Field Screening: **PID 10.6 eV Lamp (ppm)**
Borehole Diameter: **8.25 in.**	Surface Elevation: **NA**	Abandonment Method: **Backfill & Concrete Patch**
Total Depth: **17 fbg.**	Depth to Water: **15 fbg.**	Backfill Material: **Native Soil**
Refusal Depth: **17 fbg.**	Auger Flights ID/OD: **NA**	Abandonment Completion Date: **5/3/2024**

Depth (feet)	Sample Interval	Recovery (inches)	Field Screen (ppm) 1:5,000	Blow Counts 1100	Geologic Description	Comments	Abandonment Detail
0	0-2		0.0		Reddish-brown fine to coarse Sand, some silt, little coarse sand and small angular gravel. Dry, no odor.		Concrete
	2-4		0.0		Reddish-brown fine to coarse Sand, some silt, little coarse sand and small angular gravel turning to Silt. Dry, soft, no odor.		
	4-5		0.0		Reddish-orange Silt. Dry, soft, no odor, non-cohesive, non-plastic.		
5	5-7	18/24	8.5	5-6 6-8	Reddish-brown fine Sand and Silt, some clay, trace medium to coarse sand and small gravel. Dry.		
	7-9	17/24	27.3	11-20 12-14	Reddish-brown fine to medium Sand, some coarse sand, little clay, trace silt. Dry.		Native Material
10	9-11	19/24	11.9	9-9 11-15	Reddish-brown fine Sand and Silt, some clay, trace medium to coarse sand and small gravel. Dry.	Sample SB-7 (11-13)	
	11-13	16/24	12.1	27-28 18-19	Reddish-brown fine Sand and Silt, some clay, trace medium to coarse sand and small gravel. Dry.	Sample SB-7 (13-15)	
	13-15	15/24	4,023	11-16 18-21	Reddish-brown to gray fine Sand and Silt, some clay, trace medium to coarse sand and small gravel. Dry, strong petroleum-type odor.	Water Encountered at 15.0 fbg.	
15	15-17	24/24	791	9-17 18-35	Grayish-brown fine Sand and Silt, some clay, trace medium to coarse sand, turning to fine to medium Sand and crushed rock. Saturated.	Sample SB-7 (15-17)	

Air-Knife/Vaccuum

Hollow-Stem Auger

Proportions Used:

Trace = < 5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = > 40%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.

Blow Count Pentration Resistance:

Consistency (M&C)	Density (G&S)
<2 = Very Soft	0-4 = Very Loose
2-4 = Soft	4-10 = Loose
4-8 = Medium	10-30 = Medium
8-15 = Stiff	30-50 = Dense
15-30 = Very Stiff	50> = Very Dense
>30 = Hard	

Symbols:

Apparent Water Level
Lab Sample Location

Soil Boring Completion

Groundwater & Environmental Services, Inc.

ID NO. **SB-8**

Project: **Eversource Berlin**	Client: **Eversource Energy**	Regulatory Case # **NA**
Address: **107 Selden St, Berlin, CT**	GES Job #: **1503724**	Regulatory Program **NA**
County: **New Haven**	GES Project Mgr: **Michael DeGloria**	Permit #: **NA**
Logged By: **Matthew Jusino**	Date Drilled: **4/29/2024, 4/30/2024**	Split Spoon/Acetate Sleeve Dia: **2 in.**
Drilling Company: **Drilex Environmental**	Completion Date: **4/30/2024**	Split Spoon/Acetate Sleeve Length: **2 ft.**
Drill Operator: **Enzo Gravante**	Drilling Method: **Hollow-Stem Auger**	Soil Classification System: **Burmister**
Drill Rig Type: **Mobile B-57**	Sampling Method: **Split Spoon**	Field Screening: **PID 10.6 eV Lamp (ppm)**
Borehole Diameter: **8.25 in.**	Surface Elevation: **NA**	Abandonment Method: **Backfill & Concrete Patch**
Total Depth: **14 fbg.**	Depth to Water: **Not Encountered**	Backfill Material: **Native Soil**
Refusal Depth: **14 fbg.**	Auger Flights ID/OD: **NA**	Abandonment Completion Date: **4/30/2024**

Depth (feet)	Sample Interval	Recovery (inches)	Field Screen (ppm) 1:5,000	Blow Counts 1100	Geologic Description	Comments	Abandonment Detail
0	0-2	23/24	1.1	3-6 10-8	Reddish-Brown fine to medium Sand, some silt, trace small sub-rounded gravel. Dry, dense, cohesive.		
	2-4		0.0		Reddish-Brown fine to medium Sand, some silt, trace small sub-rounded gravel. Dry, dense, cohesive.		
	4-5		2.7		Reddish-Brown fine to medium Sand, some silt, trace small sub-rounded gravel. Dry, dense, cohesive.		
5	5-7		0.0	10-10 10-11	Reddish-Brown fine Sand and Clay, some silt, trace small-medium gravel. Dry to Moist, cohesive, high plasticity.	Sample SB-8 (5-7)	Concrete
	7-9	18/24	0.0		Reddish-Brown fine Sand and Clay, some silt, trace small-medium gravel. Dry to Moist, cohesive, high plasticity.		Native Material
					Rock		
10	10-12	17/24	0.0	12-14 18-37	Dark Brown medium to coarse Sand, trace fine sand and silt, trace small gravel and clay turning to crushed rock. Dry.	Sample SB-8 (10-12)	
	12-14	3/24	0.0	43- >60/1	Crushed rock, trace reddish-brown fine to medium sand. Dry.		

Air-Knife/Vaccuum

Hollow-Stem Auger

Proportions Used:

Trace = < 5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = > 40%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.

Blow Count Penetration Resistance:

Consistency (M&C)	Density (G&S)
<2 = Very Soft	0-4 = Very Loose
2-4 = Soft	4-10 = Loose
4-8 = Medium	10-30 = Medium
8-15 = Stiff	30-50 = Dense
15-30 = Very Stiff	50> = Very Dense
>30 = Hard	

Symbols:

Apparent Water Level ▽
Lab Sample Location ⌖

Soil Boring Completion

Groundwater & Environmental Services, Inc.

ID NO. **SB-9**

Project: **Eversource Berlin**	Client: **Eversource Energy**	Regulatory Case # **NA**
Address: **107 Selden St, Berlin, CT**	GES Job #: **1503724**	Regulatory Program **NA**
County: **New Haven**	GES Project Mgr: **Michael DeGloria**	Permit #: **NA**
Logged By: **Matthew Jusino**	Date Drilled: **5/1/2024, 5/2/2024**	Split Spoon/Acetate Sleeve Dia: **2 in.**
Drilling Company: **Drilex Environmental**	Completion Date: **5/2/2024**	Split Spoon/Acetate Sleeve Length: **2 ft.**
Drill Operator: **Enzo Gravante**	Drilling Method: **Hollow-Stem Auger**	Soil Classification System: **Burmister**
Drill Rig Type: **Mobile B-57**	Sampling Method: **Split Spoon**	Field Screening: **PID 10.6 eV Lamp (ppm)**
Borehole Diameter: **8.25 in.**	Surface Elevation: **NA**	Abandonment Method: **Backfill & Concrete Patch**
Total Depth: **14.5 fbg.**	Depth to Water: **9 fbg.**	Backfill Material: **Native Soil**
Refusal Depth: **14.5 fbg.**	Auger Flights ID/OD: **NA**	Abandonment Completion Date: **5/2/2024**

Depth (feet)	Sample Interval	Recovery (inches)	Field Screen (ppm) 1:5,000	Blow Counts 1100	Geologic Description	Comments	Abandonment Detail
0	0-2		0.0		Reddish-brown fine to medium Sand, trace coarse sand, trace silt. Dry-damp, no odor.		
	2-4		0.0		Reddish-brown fine to medium Sand, trace coarse sand, trace silt, turning to reddish-brown Silty Clay.		
	4-5		0.0		Reddish-orange Clay, moderately dense, cohesive, medium plasticity. Dry, no odor.		
5	5-7	19/24	4.1	10-8 8-11	Reddish-brown fine Sand and Clay, some silt, some coarse sand and crushed rock, trace small gravel. Dry.		
	7-9	17/24	5.8	18-21 17-17	Reddish-brown fine Sand and Clay, some silt, some coarse sand, trace small gravel. Moist.	Sample SB-9 (7-9)	Native Material
10	9-11	22/24	5.6	10-10 10-12	Reddish-brown fine Sand and Silt, some medium to coarse sand, some clay. Saturated.	Water Encountered at 9.0 fbg.	
	11-13	24/24	5.5	16-8 12-27	Reddish-brown fine Sand and Silt, some medium to coarse sand, some clay, turning to dense Clay, some crushed rock. Saturated.		
	13-13.5	8/24	4.6	60/4	Crushed Rock.	Sample SB-9 (13-13.5)	

Air-Knife/Vaccuum

Hollow-Stem Auger

Proportions Used:

Trace = < 5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = > 40%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.

Blow Count Pentration Resistance:

Consistency (M&C)	Density (G&S)
<2 = Very Soft	0-4 = Very Loose
2-4 = Soft	4-10 = Loose
4-8 = Medium	10-30 = Medium
8-15 = Stiff	30-50 = Dense
15-30 = Very Stiff	50> = Very Dense
>30 = Hard	

Symbols:

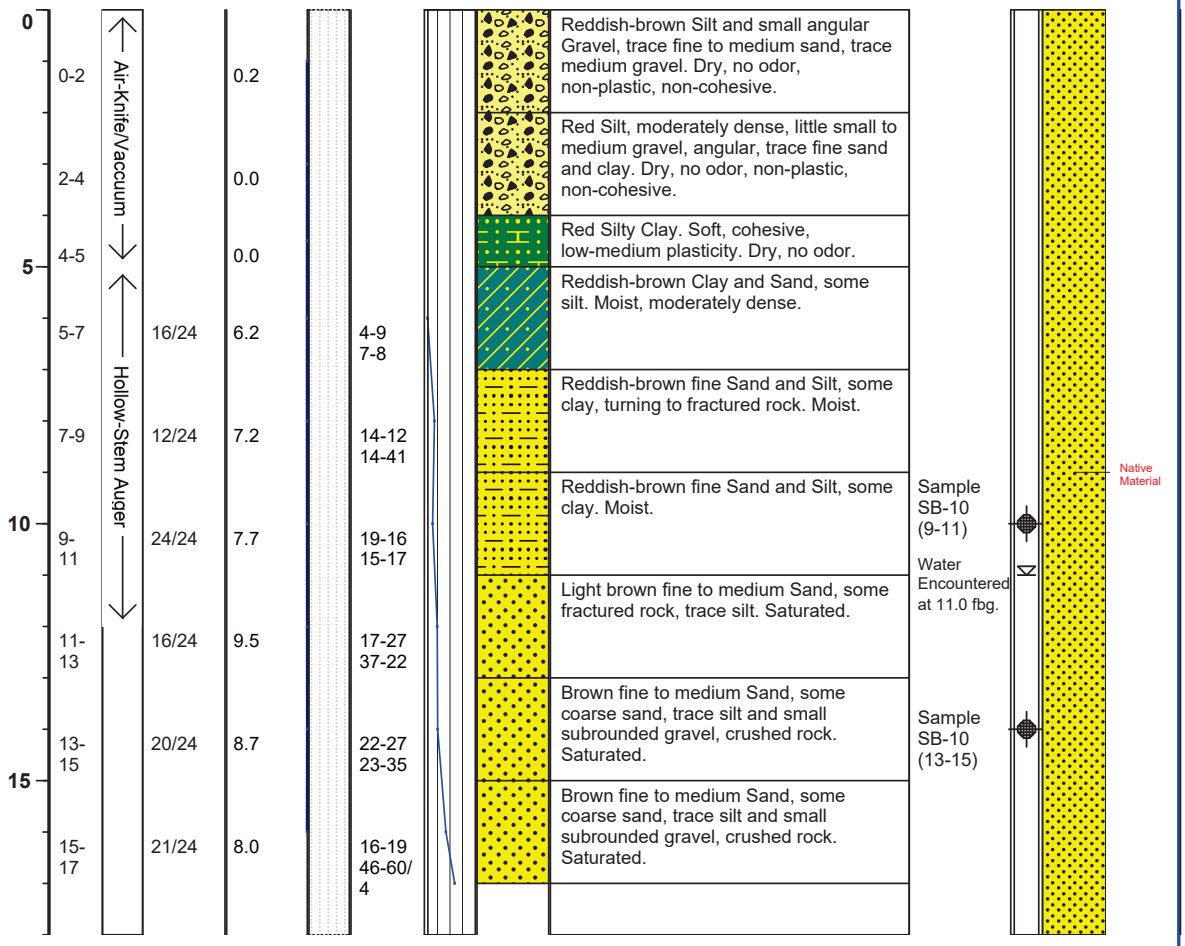
Apparent Water Level
Lab Sample Location

Soil Boring Completion

Groundwater & Environmental Services, Inc.

ID NO. **SB-10**

Project: **Eversource Berlin**	Client: **Eversource Energy**	Regulatory Case # **NA**
Address: **107 Selden St, Berlin, CT**	GES Job #: **1503724**	Regulatory Program **NA**
County: **New Haven**	GES Project Mgr: **Michael DeGloria**	Permit #: **NA**
Logged By: **Matthew Jusino**	Date Drilled: **4/30/2024, 5/1/2024**	Split Spoon/Acetate Sleeve Dia: **2 in.**
Drilling Company: **Drilex Environmental**	Completion Date: **5/1/2024**	Split Spoon/Acetate Sleeve Length: **2 ft.**
Drill Operator: **Enzo Gravante**	Drilling Method: **Hollow-Stem Auger**	Soil Classification System: **Burmister**
Drill Rig Type: **Mobile B-57**	Sampling Method: **Split Spoon**	Field Screening: **PID 10.6 eV Lamp (ppm)**
Borehole Diameter: **8.25 in.**	Surface Elevation: **NA**	Abandonment Method: **Backfill**
Total Depth: **18 fbg.**	Depth to Water: **11 fbg.**	Backfill Material: **Native Soil**
Refusal Depth: **18 fbg.**	Auger Flights ID/OD: **NA**	Abandonment Completion Date: **5/1/2024**



Proportions Used:

Trace = < 5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = > 40%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.

Blow Count Pentration Resistance:

Consistency (M&C)	Density (G&S)
<2 = Very Soft	0-4 = Very Loose
2-4 = Soft	4-10 = Loose
4-8 = Medium	10-30 = Medium
8-15 = Stiff	30-50 = Dense
15-30 = Very Stiff	50> = Very Dense
>30 = Hard	

Symbols:

Apparent Water Level
Lab Sample Location

Soil Boring Completion

Groundwater & Environmental Services, Inc.

ID NO. **SB-100** Page 1 of 1

Project: **Eversource Berlin**	Client: **Eversource Energy**	Regulatory Case # **NA**
Address: **107 Selden St, Berlin, CT**	GES Job #: **1503724**	Regulatory Program **NA**
County: **New Haven**	GES Project Mgr: **Michael DeGloria**	Permit #: **NA**
Logged By: **Matthew Jusino**	Date Drilled: **8/26/2024, 8/27/2024**	Split Spoon/Acetate Sleeve Dia: **2 in.**
Drilling Company: **Drilex Environmental**	Completion Date: **8/27/2024**	Split Spoon/Acetate Sleeve Length: **2 ft.**
Drill Operator: **Adam C**	Drilling Method: **Hollow-Stem Auger**	Soil Classification System: **Burmister**
Drill Rig Type: **NA**	Sampling Method: **Split Spoon**	Field Screening: **PID 10.6 eV Lamp (ppm)**
Borehole Diameter: **8.25 in.**	Surface Elevation: **NA**	Abandonment Method: **Backfill & Concrete Patch**
Total Depth: **20 fbg.**	Depth to Water: **13 fbg.**	Backfill Material: **Native Soil**
Refusal Depth: **20 fbg.**	Auger Flights ID/OD: **NA**	Abandonment Completion Date: **8/27/2024**

Depth (feet)	Sample Interval	Recovery (inches)	Field Screen (ppm) 1:5,000	Blow Counts 1100	Geologic Description	Comments	Abandonment Detail
0	0-2		0.0		Dark Reddish Brown fine to medium Sand, some medium to large subangular and angular gravel, trace silt. Nonplastic, Dry, no odor.		Concrete
	2-4		6.4		Reddish Brown fine Sand, some Silt and medium Sand. Medium to Large subangular to angular gravel, moderately cohesive, nonplastic. Dry, no odor.		
5	4-5		7.4		Reddish Brown fine Sand and Clay, some medium Sand and Silt. Adhesive, nonplastic, dry, no odor.	Sample SB-100 (4-5)	
	5-7	0/24		6-7 9-14	No Recovery.		
	7-9	11/24	4.3	3-3 10-10	Brown fine to coarse Sand and Silt, trace small to moderately subangular gravel. Dry, no odor.		
10	9-11	14/24	2.6	5-10 12-16	Brown fine to medium Sand and Silt, some coarse Sand and small subangular to angular gravel. Moist, no odor.		Native Material
	11-13	13/24	75.0	13-17 21-22	Brown fine to medium Sand, some Silt and coarse Sand, trace small to large subrounded gravel. Moist, no odor.	Water Encountered at 13.0 fbg.	
15	13-15	14/24	340.9	5-16 17-16	Brown fine to coarse Sand and Silt, some small to medium subround to subangular gravel. Wet, slight petroleum-type odor.	Sample SB-100 (13-15) and Sample SB-100(13-15)-DUP	
	15-17	4/24	138.1	9-11 28-27			
	17-19	24/24	41.8	13-36 40(1")	Brown fine to coarse Sand and Silt, some small to large subrounded to angular gravel. Wet, slight petroleum-type odor.	Sample SB-100 (19-20)	
20	19-20	10/12	31.3	22-81 50(< 1")	Brown medium to coarse Sand, some fine Sand and Silt, trace small to large gravel. Wet, no odor.		

Air-Knife/Vaccuum

Hollow-Stem Auger

Proportions Used:
Trace = < 5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = > 40%

Notes:
NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.

Blow Count Pentration Resistance:

Consistency (M&C)	Density (G&S)
<2 = Very Soft	0-4 = Very Loose
2-4 = Soft	4-10 = Loose
4-8 = Medium	10-30 = Medium
8-15 = Stiff	30-50 = Dense
15-30 = Very Stiff	50> = Very Dense
>30 = Hard	

Symbols:
Apparent Water Level
Lab Sample Location

Soil Boring Completion

Groundwater & Environmental Services, Inc.

ID NO. **SB-102** Page 1 of 1

Project: **Eversource Berlin**	Client: **Eversource Energy**	Regulatory Case # **NA**
Address: **107 Selden St, Berlin, CT**	GES Job #: **1503724**	Regulatory Program **NA**
County: **Hartford**	GES Project Mgr: **Michael DeGloria**	Permit #: **NA**
Logged By: **Matthew Jusino**	Date Drilled: **8/26/2024, 8/28/2024**	Split Spoon/Acetate Sleeve Dia: **2 in.**
Drilling Company: **Drilex Environmental**	Completion Date: **8/28/2024**	Split Spoon/Acetate Sleeve Length: **2 ft.**
Drill Operator: **Adam C**	Drilling Method: **Hollow-Stem Auger**	Soil Classification System: **Burmister**
Drill Rig Type: **NA**	Sampling Method: **Split Spoon**	Field Screening: **PID 10.6 eV Lamp (ppm)**
Borehole Diameter: **8.25 in.**	Surface Elevation: **NA**	Abandonment Method: **Backfill & Concrete Patch**
Total Depth: **17 fbg.**	Depth to Water: **13 fbg.**	Backfill Material: **Native Soil**
Refusal Depth: **NA**	Auger Flights ID/OD: **NA**	Abandonment Completion Date: **8/28/2024**

Depth (feet)	Sample Interval	Recovery (inches)	Field Screen (ppm) 1:5,000	Blow Counts 1100	Geologic Description	Comments	Abandonment Detail
0	0-2		0.0		Medium to coarse Sand, some small to medium subangular to angular gravel, trace fine sand and silt. Loose, not cohesive, nonplastic. Dry, no odor, no stain.		Concrete
	2-4		6.4		Fine to medium Sand and Clay, some silt, trace medium to large subrounded gravel. Dense, moderately cohesive, nonplastic. Dry, no odor or stain.		
5	4-5		7.4		Fine to medium Sand and Clay, some silt, trace small to medium subrounded to subangular gravel and coarse sand. Dense, moderately cohesive, nonplastic. Dry, no odor, no stain.		
	5-7	9/24	10.7	4-7 14-11	Brown, fine to medium Sand and Clay, some silt and coarse sand, trace small to medium subangular to angular gravel. Dry, no odor, no stain.		
	7-9	24/24	5.6	6-8 15-15	Brown, fine to medium Sand and Silt, some clay, trace coarse sand and small subrounded to subangular gravel. Moist, no odor, no stain.		Native Material
10	9-11	13/24	2.5	14-22 25-26	Brown fine to medium Sand and Silt, trace coarse sand, trace clay, trace small subround gravel. Moist to dry, no odor, no stain.		
	11-13	13/24	0.1	8-5 6-9	Brown fine to coarse Sand and Silt, some small to medium subround to subangular gravel, trace clay. Moist, no odor, no stain.	Water Encountered at 13.0 fbg.	
	13-15	12/24	418.3	5-16 17-16	Brown, fine to coarse Sand and Silt, some small to medium gravel. Wet, no staining, petroleum-type odor present.	Sample SB-102 (13-15)	
15	15-17	24/24	131.4	8-50 (2")	Brown, very fine Sand and Clay, some silt and medium to coarse sand. Wet, no staining, petroleum-type odor present.	Sample SB-102 (15-17)	

Air-Knife/Vaccuum

Hollow-Stem Auger

Proportions Used:

Trace = < 5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = > 40%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.

Blow Count Penetration Resistance:

Consistency (M&C)	Density (G&S)
<2 = Very Soft	0-4 = Very Loose
2-4 = Soft	4-10 = Loose
4-8 = Medium	10-30 = Medium
8-15 = Stiff	30-50 = Dense
15-30 = Very Stiff	50> = Very Dense
>30 = Hard	

Symbols:

Apparent Water Level
Lab Sample Location

Soil Boring Completion

Groundwater & Environmental Services, Inc.

ID NO. **SB-103** Page 1 of 1

Project: **Eversource Berlin**	Client: **Eversource Energy**	Regulatory Case # **NA**
Address: **107 Selden St, Berlin, CT**	GES Job #: **1503724**	Regulatory Program **NA**
County: **Hartford**	GES Project Mgr: **Michael DeGloria**	Permit #: **NA**
Logged By: **Matthew Jusino**	Date Drilled: **8/26/2024, 8/28/2024**	Split Spoon/Acetate Sleeve Dia: **2 in.**
Drilling Company: **Drilex Environmental**	Completion Date: **8/28/2024**	Split Spoon/Acetate Sleeve Length: **2 ft.**
Drill Operator: **Adam C**	Drilling Method: **Hollow-Stem Auger**	Soil Classification System: **Burmister**
Drill Rig Type: **NA**	Sampling Method: **Split Spoon**	Field Screening: **PID 10.6 eV Lamp (ppm)**
Borehole Diameter: **8.25 in.**	Surface Elevation: **NA**	Abandonment Method: **Backfill & Concrete Patch**
Total Depth: **15 fbg.**	Depth to Water: **13 fbg.**	Backfill Material: **Native Soil**
Refusal Depth: **NA**	Auger Flights ID/OD: **NA**	Abandonment Completion Date: **8/28/2024**

Depth (feet)	Sample Interval	Recovery (inches)	Field Screen (ppm) 1:5,000	Blow Counts 1100	Geologic Description	Comments	Abandonment Detail
0	0-2	21/24	6.0	2-6 17-10	Dark brown, fine to medium Sand, some small to medium subangular gravel, trace silt and coarse sand. Loose, not cohesive, nonplastic. Dry, no odor, no stain.	Sample SB-103 (0-2)	Concrete
	2-4		3.2		Reddish brown, fine to medium Sand and Silt, some clay and coarse sand, some small to medium subangular gravel, trace large subrounded gravel. Dense, moderately cohesive, nonplastic. Dry, no odor, no stain.		
5	4-5		5.7		Brown, fine Sand and Silt, some clay, some medium sand. Loose, slightly cohesive, nonplastic. Dry, no odor, no stain.		
	5-7		12.1		Reddish brown fine Sand and Clay, some medium to coarse sand and silt, trace small subangular gravel. Dry, no odor, no stain.		
	7-9	20/24	12.6	13-7 12-15	Reddish brown fine to medium Sand and Silt, some coarse sand and clay and small to medium subrounded gravel. Dry, no odor, no stain.		Native Material
10	9-11	13/24	13.9	7-21 22-20		Sample SB-103 (9-11)	
	11-13	7/24	14.8	8-9 13-14	Brown, medium to coarse Sand and Silt, some fine sand and small to medium subangular gravel. Moist to wet, no odor, no stain.	Water Encountered at 13.0 fbg.	
15	13-15	24/24	623.4	6-12 18-22		Sample SB-103 (13-15)	

Air-Knife/Vaccuum

Hollow-Stem Auger

Proportions Used:
Trace = < 5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = > 40%

Notes:
NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.

Blow Count Penetration Resistance:

Consistency (M&C)	Density (G&S)
<2 = Very Soft	0-4 = Very Loose
2-4 = Soft	4-10 = Loose
4-8 = Medium	10-30 = Medium
8-15 = Stiff	30-50 = Dense
15-30 = Very Stiff	50> = Very Dense
>30 = Hard	

Symbols:
Apparent Water Level
Lab Sample Location

Monitoring Well Completion

Groundwater & Environmental Services, Inc.

ID NO. MW-13A

Project: **Eversource Berlin**	Client: **Eversource Energy**	Regulatory Case #: **NA**
Address: **107 Selden St, Berlin, CT**	GES Job #:**1503724**	Regulatory Program
County: **Hartford**	GES Project Mgr: **Michael DeGloria**	Permit #: **NA**
Logged By: **Matthew Jusino**	Date Drilled: **8/27/24, 8/28/24**	Split Spoon/Acetate Sleeve Diameter: **2 in.**
Drilling Company: **Drilex Environmental**	Completion Date: **8/28/24**	Split Spoon/Acetate Sleeve Length: **2 ft.**
Drill Operator: **Adam C**	Drilling Method: **Hollow-Stem Auger**	Soil Classification System: **Burmister**
Drill Rig Type: **Mobile B-57**	Sampling Method: **Split Spoon**	Field Screening: **PID 10.6 eV Lamp (ppm)**
Borehole Diameter: **8.25 in.**	Surface Elevation: **NA**	Top of Bentonite Seal: **3 fbg.**
Total Depth: **17 fbg.**	Well Diameter: **2 in.**	Type of Seal: **Bentonite**
Refusal Depth: **NA**	Riser Length: **5 ft.**	Top of Sand: **1 fbg.**
Initial Depth to Water: **11 fbg.**	Screen Slot Size: **0.01 in.**	Sand Type: **#1 Sand**
	Screen Length: **10 ft, Pre-Packed**	Well Material Type: **Schedule 40 PVC**
		Top of Grout: **NA**

Depth (feet)	Sample Interval (feet)	Recovery (inches)	Field Screen (ppm) 1 : 5,000	Blow Counts 1100	Geologic Description	Comments	Well Completion Detail
0	0-2	Pre-Cleared (0-5')	16.2	4-9 8-16	Dark reddish-brown fine to medium Sand, some coarse sand, some small to medium subangular-angular gravel, trace silt. Loose, non-plastic. Dry, no odor, no stain.	Sample MW-13A (0-2)	Concrete w/ Roadbox
	2-4		8.7		Dark brown, fine Sand and Silt, some clay and medium to course sand. Dense, medoerately cohesive, nonplastic. Dry, no odor, no stain.		Sand
5	4-5		7.6				Riser
	5-7	20/24	4.5	16-14 12-15	Brown, fine to medium Sand and Clay, some silt, trace course sand and subrounded gravel. Dry, no odor, no stain.		Bentonite
	7-9	6/24	9.4	6-11 18-16	Brown, fine to medium Sand, some silt and small to medium subangular gravel, trace clay. Dry, no odor, no stain.		
10	9-11	16/24	12.2	8-16 15-8	Brown, fine to coarse Sand and Silt, some subangular gravel, trace medium subangular gravel. Moist, no odor, no stain.		Pre-Packed Screen
	11-13	9/24	13.4	17-19 37-50	Grayish brown medium to coarse Sand, some find sand and silt and small subangular gravel. Wet, no odor, no stain.	Water Encountered at 11 fbg.	Sand
	13-15	24/24	700.5	8-30 43-66	Brown, fine to coarse Sand and Silt, some small to medium gravel, dense gray brown fine sand and clay, some silt, trace small gravel. Wet, staining and strong petroleum-type odor.	Sample MW-13A (13-15)	
15	15-17	21/24	11.2		Brown, fine to medium Sand and Clay, some silt and coarse sand, trace small to medium subangular gravel. Wet, no odor, no stain.	Sample MW-13A (15-17)	Sand Pack

Air-Knife/Vaccuum

Hollow-Stem Auger

Proportions Used:

Trace = < 5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = > 40%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.

Blow Count Pentration Resistance:

Consistency (M&C)		Density (G&S)	
<2 =	Very Soft	0-4 =	Very Loose
2-4 =	Soft	4-10 =	Loose
4-8 =	Medium	10-30 =	Medium
8-15 =	Stiff	30-50 =	Dense
15-30 =	Very Stiff	>50 =	Very Dense
>30 =	Hard		

Symbols:

Apparent Water Level
Lab Sample Location

Monitoring Well Completion

Groundwater & Environmental Services, Inc.

ID NO. MW-14B

Project: **Eversource Berlin**	Client: **Eversource Energy**	Regulatory Case #: **NA**
Address: **107 Selden St, Berlin, CT**	GES Job #:**1503724**	Regulatory Program
County: **Hartford**	GES Project Mgr: **Michael DeGloria**	Permit #: **NA**
Logged By: **Matthew Jusino**	Date Drilled: **5/1/24, 5/2/24**	Split Spoon/Acetate Sleeve Diameter: **2 in.**
Drilling Company: **Drilex Environmental**	Completion Date: **5/2/24**	Split Spoon/Acetate Sleeve Length: **2 ft.**
Drill Operator: **Enzo Gravante**	Drilling Method: **Hollow-Stem Auger**	Soil Classification System: **Burmister**
Drill Rig Type: **Mobile B-57**	Sampling Method: **Split Spoon**	Field Screening: **PID 10.6 eV Lamp (ppm)**
Borehole Diameter: **8.25 in.**	Surface Elevation: **NA**	Top of Bentonite Seal: **1 fbg.**
Total Depth: **16.5 fbg.**	Well Diameter: **2 in.**	Type of Seal: **Bentonite Chips**
Refusal Depth: **16.5 fbg.**	Riser Length: **2.0 ft.**	Top of Sand: **1.5 fbg.**
Initial Depth to Water: **11 fbg.**	Screen Slot Size: **0.01 in.**	Sand Type: **#1 Sand**
	Screen Length: **10 ft., Pre-Packed**	Well Material Type: **Schedule 40 PVC**
		Top of Grout: **NA**

Depth (feet)	Sample Interval (feet)	Recovery (inches)	Field Screen (ppm) 1 : 5,000	Blow Counts 1100	Geologic Description	Comments	Well Completion Detail
0	0-2	Pre-Cleared (0-5')	0.0		Reddish-Brown Silt, little fine sand, trace coarse sand. Dry, cohesive, low plasticity, no odor.		Concrete w/ Roadbox
	2-4		0.0		Reddish-brown to Reddish Orange Clay. Cohesive. Low-medium plasticity. Soft-moderately dense. Dry.		Sand
5	4-5		0.0				Riser
	5-7	20/24	5.1	3-5 5-14	Reddish-Brown fine Sand and Clay, some silt, little coarse sand. Dry, no stain, no odor.		Bentonite
	7-9	24/24	8.7	12-14 11-18	Reddish-Brown fine Sand and Clay, some silt, little coarse sand. Dry, no stain, no odor.		
10	9-11	17/24	9.8	14-9 10-15	Dark Brown medium to coarse Sand, little fine sand, trace silt, small gravel, and crushed rock. Moist, slight petroleum-type odor and stain.	Sample SB-14 (9-11)	Sand
	11-13	19/24	5.5	16-24 32-39	Dark Brown medium to coarse Sand, little fine sand, trace silt, small gravel, and crushed rock. Saturated, faint petroleum-type odor, no stain.	Water Encountered at 11 fbg.	Pre-Packed Screen
	13-15	18/24	4.0	17-20 45-54	Dark Brown medium to coarse Sand, little fine sand, trace silt, Saturated.	Sample SB-14 (13-15)	
15	15-17	24/24	7.8	8-66 78(6")	Dark Brown fine to medium Sand, some small to medium gravel, little silt. Saturated.		

Air-Knife/Vaccuum

Hollow-Stem Auger

Proportions Used:

Trace = < 5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = > 40%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.
Interval 15-17 fbg. was completed via Split Spoon only.

Blow Count Pentration Resistance:

Consistency (M&C)		Density (G&S)	
<2 =	Very Soft	0-4 =	Very Loose
2-4 =	Soft	4-10 =	Loose
4-8 =	Medium	10-30 =	Medium
8-15 =	Stiff	30-50 =	Dense
15-30 =	Very Stiff	>50 =	Very Dense
>30 =	Hard		

Symbols:

Apparent Water Level
Lab Sample Location

Monitoring Well Completion

Groundwater & Environmental Services, Inc.

ID NO. MW-16A

Project: **Eversource Berlin**	Client: **Eversource Energy**	Regulatory Case #: **NA**
Address: **107 Selden St, Berlin, CT**	GES Job #:**1503724**	Regulatory Program
County: **Hartford**	GES Project Mgr: **Michael DeGloria**	Permit #: **NA**
Logged By: **Matthew Jusino**	Date Drilled: **4/29/24, 4/30/24**	Split Spoon/Acetate Sleeve Diameter: **2 in.**
Drilling Company: **Drilex Environmental**	Completion Date: **4/30/24**	Split Spoon/Acetate Sleeve Length: **2 ft.**
Drill Operator: **Enzo Gravante**	Drilling Method: **Hollow-Stem Auger**	Soil Classification System: **Burmister**
Drill Rig Type: **Mobile B-57**	Sampling Method: **Split Spoon**	Field Screening: **PID 10.6 eV Lamp (ppm)**
Borehole Diameter: **8.25 in.**	Surface Elevation: **NA**	Top of Bentonite Seal: **2 fbg.**
Total Depth: **14.5 fbg.**	Well Diameter: **2 in.**	Type of Seal: **Bentonite Chips**
Refusal Depth: **14.5 fbg.**	Riser Length: **3.5 ft.**	Top of Sand: **3 fbg.**
Initial Depth to Water: **Not Encountered**	Screen Slot Size: **0.01 in.**	Sand Type: **#1 Sand**
	Screen Length: **10 ft, Pre-Packed**	Well Material Type: **Schedule 40 PVC**
		Top of Grout: **NA**

Depth (feet)	Sample Interval (feet)	Recovery (inches)	Field Screen (ppm) 1 : 5,000	Blow Counts 1100	Geologic Description	Comments	Well Completion Detail
0	0-2	Pre-Cleared (0-4')	1.2		Reddish-Brown fine Sand and Silt, trace medium to coarse sand. Moderately cohesive, no stain, no odor.		Concrete w/ Roadbox
	2-4		1.2		Reddish-Brown fine Sand and Silt, some clay, trace small cobbles. High plasticity, highly cohesive. Saturated.	Sample MW-16A (2-4)	Sand
5	4-6	21/24	4.6	5-7 7-10	Reddish-Brown fine Sand and Silt, some clay. Moderately cohesive, low plasticity. Dry, no stain, no odor.	Sample MW-16A (4-6)	Riser Bentonite
	6-8	2/24	0.0	9-10 15-13	Reddish-Brown fine Sand and Silt, some clay. Moderately cohesive, low plasticity. Dry, no stain, no odor.		
	8-10	21/24	0.0	7-19 22-35	Reddish-Brown fine Sand and Silt, some clay, little crushed rock. Moderately cohesive, low plasticity. Dry, no stain, no odor.		Sand Pre-packed Screen
10	10-12	6/24	0.0	14-19 22-22	Reddish-Brown fine Sand and Silt, some clay, little crushed rock. Moderately cohesive, low plasticity. Dry, no stain, no odor.	Sample MW-16A (10-12)	
	12-14	4/24		30-43 53(3") 40(3")	Crushed rock, little reddish-brown fine sand. Auger Refusal at 14.5 ft.		

Air-Knife/Vacuum

Hollow-Stem Auger

Proportions Used:

Trace = < 5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = > 40%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.

Blow Count Pentration Resistance:

Consistency (M&C)		Density (G&S)	
<2 =	Very Soft	0-4 =	Very Loose
2-4 =	Soft	4-10 =	Loose
4-8 =	Medium	10-30 =	Medium
8-15 =	Stiff	30-50 =	Dense
15-30 =	Very Stiff	>50 =	Very Dense
>30 =	Hard		

Symbols:

Apparent Water Level
Lab Sample Location

Monitoring Well Completion

Groundwater & Environmental Services, Inc.

ID NO. SB-104/MW-17

Project: **Eversource Berlin**	Client: **Eversource Energy**	Regulatory Case #: **NA**
Address: **107 Selden St, Berlin, CT**	GES Job #:**1503724**	Regulatory Program
County: **Hartford**	GES Project Mgr: **Michael DeGloria**	Permit #: **NA**
Logged By: **Jeremy Kardon**	Date Drilled: **3/5/2025**	Split Spoon/Acetate Sleeve Diameter: **2 in.**
Drilling Company: **Drilex Environmental**	Completion Date: **3/5/2025**	Split Spoon/Acetate Sleeve Length: **2 ft.**
Drill Operator: **Adam Cloutier**	Drilling Method: **Hollow-Stem Auger**	Soil Classification System: **Burmister**
Drill Rig Type: **Mobile B-57**	Sampling Method: **Split Spoon**	Field Screening: **PID 10.6 eV Lamp (ppm)**
Borehole Diameter: **8.25 in.**	Surface Elevation: **NA**	Top of Bentonite Seal: **3 fbg.**
Total Depth: **15 fbg.**	Well Diameter: **2 in.**	Type of Seal: **Bentonite Chips**
Refusal Depth: **NA**	Riser Length: **4.5 ft.**	Top of Sand: **4 fbg.**
Initial Depth to Water: **15 fbg.**	Screen Slot Size: **0.01 in.**	Sand Type: **#1 Sand**
	Screen Length: **10 ft., Pre-Packed**	Well Material Type: **Schedule 40 PVC**
		Top of Grout: **NA**

Depth (feet)	Sample Interval (feet)	Recovery (inches)	Field Screen (ppm) 1 : 5,000	Blow Counts 1100	Geologic Description	Comments	Well Completion Detail
0	0-2	Pre-Cleared (0-5')	0.0		Brown nonplastic fine to medium Sand and Gravel. Dry, no odor, no stain.		Concrete w/ Roadbox
	2-4		0.0		Reddish brown nonplastic fine to medium Sand, trace clay. Dry, no odor, no stain.		Sand
5	4-6		0.0				Riser
	6-8		0.0	10-23	Reddish brown medium plastic hard Clay, some sand. Dry, no odor, no stain.	Sample SB-104/MW-17 (6-8)	Bentonite
	8-10	3/24	0.0	27-24			
10	10-12	13/24	1.2	13-24 20-30	Reddish brown, medium plastic, hard Clay, some sand. Moist to wet, petroleum-type odor, no staining.	Sample SB-104/MW-17 (12-14)	Sand Pre-Packed Screen
	12-14	12/24	1,155	11-19 20-26			
15	14-15	12/24	496.23	23-15 43-(3")		Water Encountered at 15 fbg.	

Air-Knife/Vaccuum

Hollow-Stem Auger

Proportions Used:

Trace = < 5%
Few = 5-10%
Little = 10-20%
Some = 20-30%
Adjective = 30-40%
And = > 40%

Notes:

NA = not available; fbg. = feet below grade
in. = inches; ft.= feet; ppm.= parts per million
Soil Lithologies based on field observations only.

Blow Count Pentration Resistance:

Consistency (M&C)		Density (G&S)	
<2 =	Very Soft	0-4 =	Very Loose
2-4 =	Soft	4-10 =	Loose
4-8 =	Medium	10-30 =	Medium
8-15 =	Stiff	30-50 =	Dense
15-30 =	Very Stiff	>50 =	Very Dense
>30 =	Hard		

Symbols:

Apparent Water Level
Lab Sample Location

Appendix B – Laboratory Analytical Reports - Soil

SGS

Dayton, NJ

06/12/24

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: JD87492

Sampling Dates: 04/29/24 - 05/03/24

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: **431**

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 **5**
Section 2: Case Narrative/Conformance Summary **10**
Section 3: Summary of Hits **21**
Section 4: Sample Results **32**
4.1: JD87492-1: MW-16A (2-4) 33
4.2: JD87492-1A: MW-16A (2-4) 37
4.3: JD87492-2: TRIP BLANK 39
4.4: JD87492-3: MW-16A (10-12) 42
4.5: JD87492-3A: MW-16A (10-12) 46
4.6: JD87492-4: MW-16A (4-6) 48
4.7: JD87492-4A: MW-16A (4-6) 52
4.8: JD87492-5: SB-8 (5-7) 54
4.9: JD87492-5A: SB-8 (5-7) 58
4.10: JD87492-6: SB-8 (10-12) 60
4.11: JD87492-6A: SB-8 (10-12) 64
4.12: JD87492-7: MW-4A (18-20) 66
4.13: JD87492-7A: MW-4A (18-20) 70
4.14: JD87492-8: MW-4A (14-16) 72
4.15: JD87492-8A: MW-4A (14-16) 76
4.16: JD87492-9: MW-4A (8-10) 78
4.17: JD87492-9A: MW-4A (8-10) 82
4.18: JD87492-10: TRIP BLANK 84
4.19: JD87492-11: TRIP BLANK 87
4.20: JD87492-12: SB-10(9-11) 90
4.21: JD87492-12A: SB-10(9-11) 94
4.22: JD87492-13: SB-10(13-15) 96
4.23: JD87492-14: SB-5(4-5) 100
4.24: JD87492-14A: SB-5(4-5) 104
4.25: JD87492-15: SB-2/MW-2A(10-12) 106
4.26: JD87492-16: SB-2(14-16) 110
4.27: JD87492-17: SB-2(18-19.5) 114
4.28: JD87492-18: TRIP BLANK 118
4.29: JD87492-19: SB-9 (7-9) 121
4.30: JD87492-19A: SB-9 (7-9) 125
4.31: JD87492-20: SB-9 (13-13.5) 127
4.32: JD87492-21: SB-6 (9-11) 131
4.33: JD87492-21A: SB-6 (9-11) 135
4.34: JD87492-22: SB-6 (19-20.5) 137
4.35: JD87492-23: SB-6 (11-13) 141
4.36: JD87492-23A: SB-6 (11-13) 145
4.37: JD87492-24: SB-6 (17-19) 147
4.38: JD87492-25: SB-14 (9-11) 151

Sections: 1 2 3 4 5 6 7

Table of Contents

4.39: JD87492-25A: SB-14 (9-11) 155
4.40: JD87492-26: SB-14 (13-15) 157
4.41: JD87492-27: SB-14 (13-15)-DUP 161
4.42: JD87492-28: TRIP BLANK 165
4.43: JD87492-29: SB-3 (5-7) 168
4.44: JD87492-29A: SB-3 (5-7) 172
4.45: JD87492-30: SB-3 (13-15) 174
4.46: JD87492-30A: SB-3 (13-15) 178
4.47: JD87492-31: SB-3 (17-18.5) 180
4.48: JD87492-31A: SB-3 (17-18.5) 184
4.49: JD87492-32: SB-5 (5-7) 186
4.50: JD87492-32A: SB-5 (5-7) 190
4.51: JD87492-33: SB-5 (5-7)-DUP 192
4.52: JD87492-33A: SB-5 (5-7)-DUP 196
4.53: JD87492-34: SB-5 (13-15) 198
4.54: JD87492-34A: SB-5 (13-15) 202
4.55: JD87492-35: SB-5 (15-17) 204
4.56: JD87492-35A: SB-5 (15-17) 208
4.57: JD87492-36: SB-7 (11-13) 210
4.58: JD87492-36A: SB-7 (11-13) 214
4.59: JD87492-37: SB-7 (13-15) 216
4.60: JD87492-37A: SB-7 (13-15) 220
4.61: JD87492-38: SB-7 (15-17) 222
4.62: JD87492-39: SB-7 (15-17)-DUP 226
Section 5: Misc. Forms **230**
5.1: Chain of Custody 231
5.2: RCP Form 245
5.3: Sample Tracking Chronicle 246
5.4: QC Evaluation: CT RCP Limits 257
Section 6: MS Volatiles - QC Data Summaries **291**
6.1: Method Blank Summary 292
6.2: Blank Spike Summary 314
6.3: Blank Spike/Blank Spike Duplicate Summary 333
6.4: Matrix Spike Summary 336
6.5: Matrix Spike/Matrix Spike Duplicate Summary 342
6.6: Duplicate Summary 348
6.7: Internal Standard Area Summaries 354
6.8: Surrogate Recovery Summaries 363
Section 7: Metals Analysis - QC Data Summaries **365**
7.1: Prep QC MP46327: Pb 366
7.2: Prep QC MP46389: Pb 372
7.3: Prep QC MP46403: Pb 380

Sections: 1 2 3 4 5 6 7

Table of Contents

7.4: Prep QC MP46405: Pb 390
7.5: Prep QC MP46484: Pb 400
7.6: Prep QC MP46578: Pb 410
7.7: Prep QC MP46665: Pb 416
7.8: Prep QC MP46768: Pb 426

SGS North America Inc.

Sample Summary

Groundwater & Environmental Services

Job No: JD87492

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

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							
JD87492-1	04/29/24	11:45	MJ	04/30/24	SO	Soil	MW-16A (2-4)
JD87492-1A	04/29/24	11:45	MJ	04/30/24	SO	Soil	MW-16A (2-4)
JD87492-2	04/30/24	14:45	MJ	04/30/24	SO	Trip Blank Soil	TRIP BLANK
JD87492-3	04/30/24	10:45	MJ	04/30/24	SO	Soil	MW-16A (10-12)
JD87492-3A	04/30/24	10:45	MJ	04/30/24	SO	Soil	MW-16A (10-12)
JD87492-4	04/30/24	10:35	MJ	04/30/24	SO	Soil	MW-16A (4-6)
JD87492-4A	04/30/24	10:35	MJ	04/30/24	SO	Soil	MW-16A (4-6)
JD87492-5	04/30/24	12:25	MJ	04/30/24	SO	Soil	SB-8 (5-7)
JD87492-5A	04/30/24	12:25	MJ	04/30/24	SO	Soil	SB-8 (5-7)
JD87492-6	04/30/24	12:40	MJ	04/30/24	SO	Soil	SB-8 (10-12)
JD87492-6A	04/30/24	12:40	MJ	04/30/24	SO	Soil	SB-8 (10-12)
JD87492-7	04/30/24	14:20	MJ	04/30/24	SO	Soil	MW-4A (18-20)

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

SGS North America Inc.

Sample Summary
(continued)

Groundwater & Environmental Services

Job No: JD87492

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD87492-7A	04/30/24	14:20	MJ	04/30/24	SO	Soil	MW-4A (18-20)
JD87492-8	04/30/24	14:35	MJ	04/30/24	SO	Soil	MW-4A (14-16)
JD87492-8A	04/30/24	14:35	MJ	04/30/24	SO	Soil	MW-4A (14-16)
JD87492-9	04/30/24	14:45	MJ	04/30/24	SO	Soil	MW-4A (8-10)
JD87492-9A	04/30/24	14:45	MJ	04/30/24	SO	Soil	MW-4A (8-10)
JD87492-10	04/30/24	14:45	MJ	04/30/24	SO	Trip Blank Soil	TRIP BLANK
JD87492-11	05/01/24	13:45	MJ	05/01/24	SO	Trip Blank Soil	TRIP BLANK
JD87492-12	05/01/24	11:00	MJ	05/01/24	SO	Soil	SB-10(9-11)
JD87492-12A	05/01/24	11:00	MJ	05/01/24	SO	Soil	SB-10(9-11)
JD87492-13	05/01/24	11:15	MJ	05/01/24	SO	Soil	SB-10(13-15)
JD87492-14	05/01/24	11:57	MJ	05/01/24	SO	Soil	SB-5(4-5)
JD87492-14A	05/01/24	11:57	MJ	05/01/24	SO	Soil	SB-5(4-5)
JD87492-15	05/01/24	13:20	MJ	05/01/24	SO	Soil	SB-2/MW-2A(10-12)

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

SGS North America Inc.

Sample Summary
(continued)

Groundwater & Environmental Services

Job No: JD87492

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD87492-16	05/01/24	13:30	MJ	05/01/24	SO	Soil	SB-2(14-16)
JD87492-17	05/01/24	13:45	MJ	05/01/24	SO	Soil	SB-2(18-19.5)
JD87492-18	05/02/24	13:45	MJ	05/02/24	SO	Trip Blank Soil	TRIP BLANK
JD87492-19	05/02/24	08:45	MJ	05/02/24	SO	Soil	SB-9 (7-9)
JD87492-19A	05/02/24	08:45	MJ	05/02/24	SO	Soil	SB-9 (7-9)
JD87492-20	05/02/24	09:10	MJ	05/02/24	SO	Soil	SB-9 (13-13.5)
JD87492-21	05/02/24	11:30	MJ	05/02/24	SO	Soil	SB-6 (9-11)
JD87492-21A	05/02/24	11:30	MJ	05/02/24	SO	Soil	SB-6 (9-11)
JD87492-22	05/02/24	11:45	MJ	05/02/24	SO	Soil	SB-6 (19-20.5)
JD87492-23	05/02/24	11:55	MJ	05/02/24	SO	Soil	SB-6 (11-13)
JD87492-23A	05/02/24	11:55	MJ	05/02/24	SO	Soil	SB-6 (11-13)
JD87492-24	05/02/24	12:05	MJ	05/02/24	SO	Soil	SB-6 (17-19)
JD87492-25	05/02/24	14:38	MJ	05/02/24	SO	Soil	SB-14 (9-11)

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

SGS North America Inc.

Sample Summary
(continued)

Groundwater & Environmental Services

Job No: JD87492

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD87492-25A	05/02/24	14:38	MJ	05/02/24	SO	Soil	SB-14 (9-11)
JD87492-26	05/02/24	14:47	MJ	05/02/24	SO	Soil	SB-14 (13-15)
JD87492-27	05/02/24	14:55	MJ	05/02/24	SO	Soil	SB-14 (13-15)-DUP
JD87492-28	05/03/24	15:00	MJ	05/03/24	SO	Trip Blank Soil	TRIP BLANK
JD87492-29	05/03/24	10:15	MJ	05/03/24	SO	Soil	SB-3 (5-7)
JD87492-29A	05/03/24	10:15	MJ	05/03/24	SO	Soil	SB-3 (5-7)
JD87492-30	05/03/24	10:25	MJ	05/03/24	SO	Soil	SB-3 (13-15)
JD87492-30A	05/03/24	10:25	MJ	05/03/24	SO	Soil	SB-3 (13-15)
JD87492-31	05/03/24	10:40	MJ	05/03/24	SO	Soil	SB-3 (17-18.5)
JD87492-31A	05/03/24	10:40	MJ	05/03/24	SO	Soil	SB-3 (17-18.5)
JD87492-32	05/03/24	12:45	MJ	05/03/24	SO	Soil	SB-5 (5-7)
JD87492-32A	05/03/24	12:45	MJ	05/03/24	SO	Soil	SB-5 (5-7)
JD87492-33	05/03/24	12:50	MJ	05/03/24	SO	Soil	SB-5 (5-7)-DUP

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

SGS North America Inc.

Sample Summary
(continued)

Groundwater & Environmental Services

Job No: JD87492

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

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD87492-33A	05/03/24	12:50	MJ	05/03/24	SO	Soil	SB-5 (5-7)-DUP
JD87492-34	05/03/24	13:00	MJ	05/03/24	SO	Soil	SB-5 (13-15)
JD87492-34A	05/03/24	13:00	MJ	05/03/24	SO	Soil	SB-5 (13-15)
JD87492-35	05/03/24	13:20	MJ	05/03/24	SO	Soil	SB-5 (15-17)
JD87492-35A	05/03/24	13:20	MJ	05/03/24	SO	Soil	SB-5 (15-17)
JD87492-36	05/03/24	14:35	MJ	05/03/24	SO	Soil	SB-7 (11-13)
JD87492-36A	05/03/24	14:35	MJ	05/03/24	SO	Soil	SB-7 (11-13)
JD87492-37	05/03/24	14:45	MJ	05/03/24	SO	Soil	SB-7 (13-15)
JD87492-37A	05/03/24	14:45	MJ	05/03/24	SO	Soil	SB-7 (13-15)
JD87492-38	05/03/24	14:55	MJ	05/03/24	SO	Soil	SB-7 (15-17)
JD87492-39	05/03/24	15:00	MJ	05/03/24	SO	Soil	SB-7 (15-17)-DUP

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:** JD87492

Site: Eversource, Berlin, CT **Report Date** 6/12/2024 3:06:15 PM

Between 04/30/2024 and 05/03/2024, 57 sample(s), 4 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 JD87492 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:** V1C8692

- All samples were analyzed within the recommended method holding time.
- Sample(s) JD87492-12MS, JD87492-13DUP were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The duplicate RPD(s) for 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 2-Butanone (MEK), Benzene, Ethylbenzene, Methylene chloride, n-Propylbenzene, o-Xylene are outside control limits for sample JD87492-13DUP. High RPD due to low concentration of hit.
- JD87492-26 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-27 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-11 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-27 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-25 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-25 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-19 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-18 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-18 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-12 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-11 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-17 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-17 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-21 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-21 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-20 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-20 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-13 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-13 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-12 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-19 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-26 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-14 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-14 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.

MS Volatiles By Method SW846 8260D

2

Matrix: SO **Batch ID:** V1C8692

- Not all RL meet the requirement.

Matrix: SO **Batch ID:** V1E8829

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- The blank spike (BS) recovery(s) of Chloromethane, Toluene are outside control limits.
- JD87492-15: Dilution required due to high concentration of target compound.
- JD87492-16: Dilution required due to high concentration of target compound.
- JD87492-15 for Freon 113: Associated CCV outside of control limits high, sample was ND.
- JD87492-15 for Acetone: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD87492-16 for Trans-1,4-Dichloro-2-Butene: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD87492-16 for Freon 113: Associated CCV outside of control limits high, sample was ND.
- JD87492-15 for Trans-1,4-Dichloro-2-Butene: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD87492-16 for Acetone: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- V1E8829-BS for Toluene: Outside of in house control limits, but within reasonable method recovery limits.
- V1E8829-BS for Chloromethane: High percent recovery and no associated positive reported in the QC batch.
- Not all RL meet the requirement.

Matrix: SO **Batch ID:** V1K453

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD87492-34MS, JD87492-34MSD were used as the QC samples indicated.
- The matrix spike (MS) recovery(s) of 1,1-Dichloroethene are outside control limits. Outside control limits due to matrix interference.
- JD87492-39: Dilution required due to high concentration of target compound.
- JD87492-37: Dilution required due to high concentration of target compound.
- JD87492-38: Dilution required due to high concentration of target compound.
- JD87492-34: Dilution required due to high concentration of target compound.
- JD87492-34 for Vinyl chloride: Associated CCV outside of control limits high, sample was ND.
- JD87492-37 for Vinyl chloride: Associated CCV outside of control limits high, sample was ND.
- JD87492-37 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.
- JD87492-38 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.
- JD87492-39 for Vinyl chloride: Associated CCV outside of control limits high, sample was ND.
- JD87492-39 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.
- JD87492-38 for Vinyl chloride: Associated CCV outside of control limits high, sample was ND.
- JD87492-34 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.

Matrix: SO **Batch ID:** V1K454

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

MS Volatiles By Method SW846 8260D

Matrix: SO **Batch ID:** V1K457

- All samples were analyzed within the recommended method holding time.
- Sample(s) JD87492-22MS, JD87492-22MSD 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, 1,1-Dichloropropene, 1,3-Dichloropropane, Methyl Tert Butyl Ether, Methylene chloride, trans-1,2-Dichloroethene are outside control limits. Outside control limits due to matrix interference.
- The RPD(s) for the MS and MSD recoveries of 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,1-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,2-Dichloropropane, 1,3,5-Trimethylbenzene, 1,3-Dichlorobenzene, 1,3-Dichloropropane, 1,4-Dichlorobenzene, 2,2-Dichloropropane, 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone(MIBK), Acetone, Acrylonitrile, Benzene, Bromobenzene, Bromodichloromethane, Bromoform, Carbon disulfide, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Dibromochloromethane, Dichlorodifluoromethane, Ethylbenzene, Freon 113, Hexachlorobutadiene, Isopropylbenzene, m,p-Xylene, Methyl Tert Butyl Ether, Methylene bromide, Methylene chloride, Naphthalene, n-Butylbenzene, n-Propylbenzene, o-Chlorotoluene, o-Xylene, p-Chlorotoluene, p-Isopropyltoluene, sec-Butylbenzene, Styrene, tert-Butylbenzene, Tetrachloroethene, Tetrahydrofuran, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trans-1,4-Dichloro-2-Butene, Trichloroethene, Trichlorofluoromethane, Vinyl chloride are outside control limits for sample JD87492-22MSD. Probable cause due to sample homogeneity.
- JD87492-24: Dilution required due to high concentration of target compound.
- JD87492-23: Dilution required due to high concentration of target compound.
- JD87492-22: Dilution required due to high concentration of target compound.
- JD87492-24 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.
- JD87492-23 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.
- JD87492-22 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.
- Not all RL meet the requirement.

Matrix: SO **Batch ID:** VI10417

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD87492-1MS, JD87492-3DUP were used as the QC samples indicated.
- The blank spike (BS) recovery(s) of 4-Methyl-2-pentanone(MIBK), Vinyl chloride are outside control limits.
- The duplicate RPD(s) for 2-Butanone (MEK) are outside control limits for sample JD87492-3DUP. RPD acceptable due to low DUP and sample concentrations.
- JD87492-7 for 1,1-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-8 for 4-Methyl-2-pentanone(MIBK): This compound is outside the RCP limits in the associated BS biased high.
- JD87492-5 for trans-1,2-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-9 for trans-1,2-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-5 for 2-Butanone (MEK): Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-7 for Vinyl chloride: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD87492-5 for 4-Methyl-2-pentanone(MIBK): This compound is outside the RCP limits in the associated BS biased high.
- JD87492-5 for 2-Hexanone: This compound is outside the RCP limits in the associated BS biased high.
- JD87492-6 for 4-Methyl-2-pentanone(MIBK): This compound is outside the RCP limits in the associated BS biased high.
- JD87492-6 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD87492-7 for Bromomethane: Associated CCV outside of control limits high, sample was ND.

MS Volatiles By Method SW846 8260D

2

Matrix: SO **Batch ID:** VI10417

- JD87492-7 for trans-1,2-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-7 for 2-Butanone (MEK): Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-10 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-2 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.
- JD87492-2 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-6 for 2-Hexanone: This compound is outside the RCP limits in the associated BS biased high.
- JD87492-5 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD87492-9 for 1,1-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-5 for Vinyl chloride: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD87492-9 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD87492-4 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-6 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.
- JD87492-9 for 2-Butanone (MEK): Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-5 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-4 for 2-Hexanone: This compound is outside the RCP limits in the associated BS biased high.
- JD87492-5 for 1,1-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-10 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD87492-8 for 2-Butanone (MEK): Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-9 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.
- JD87492-9 for Vinyl chloride: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD87492-9 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-9 for 2-Hexanone: This compound is outside the RCP limits in the associated BS biased high.
- JD87492-9 for 4-Methyl-2-pentanone(MIBK): This compound is outside the RCP limits in the associated BS biased high.
- JD87492-3 for 1,1-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-6 for trans-1,2-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-8 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD87492-10 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.
- JD87492-7 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.
- JD87492-8 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.
- JD87492-7 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-7 for 2-Hexanone: This compound is outside the RCP limits in the associated BS biased high.
- JD87492-7 for 4-Methyl-2-pentanone(MIBK): This compound is outside the RCP limits in the associated BS biased high.
- JD87492-2 for 2-Hexanone: This compound is outside the RCP limits in the associated BS biased high.
- JD87492-2 for 4-Methyl-2-pentanone(MIBK): This compound is outside the RCP limits in the associated BS biased high.
- JD87492-2 for 2-Butanone (MEK): Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.

MS Volatiles By Method SW846 8260D

Matrix: SO **Batch ID:** VI10417

- JD87492-6 for 1,1-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-8 for trans-1,2-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- VI10417-BS for 4-Methyl-2-pentanone(MIBK): High percent recovery and no associated positive reported in the QC batch.
- VI10417-BS for Vinyl chloride: High percent recovery and no associated positive reported in the QC batch.
- JD87492-2 for 1,1-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-2 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD87492-2 for trans-1,2-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-6 for Vinyl chloride: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD87492-8 for 1,1-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-2 for Vinyl chloride: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD87492-5 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.
- JD87492-10 for trans-1,2-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-10 for 2-Butanone (MEK): Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-1 for 2-Hexanone: This compound is outside the RCP limits in the associated BS biased high.
- JD87492-1 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-1 for Vinyl chloride: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD87492-10 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.
- JD87492-10 for 2-Hexanone: This compound is outside the RCP limits in the associated BS biased high.
- JD87492-10 for Vinyl chloride: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD87492-10 for 4-Methyl-2-pentanone(MIBK): This compound is outside the RCP limits in the associated BS biased high.
- JD87492-1 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.
- JD87492-1 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.
- JD87492-1 for 2-Butanone (MEK): Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-1 for trans-1,2-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-1 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD87492-8 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.
- JD87492-1 for 1,1-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-10 for 1,1-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-2 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.
- JD87492-4 for 4-Methyl-2-pentanone(MIBK): This compound is outside the RCP limits in the associated BS biased high.
- JD87492-4 for 2-Butanone (MEK): Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-4 for Vinyl chloride: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD87492-3 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.

MS Volatiles By Method SW846 8260D

Matrix: SO **Batch ID:** VI10417

- JD87492-4 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.
- JD87492-3 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.
- JD87492-3 for trans-1,2-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-8 for 2-Hexanone: This compound is outside the RCP limits in the associated BS biased high.
- JD87492-3 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-3 for 2-Hexanone: This compound is outside the RCP limits in the associated BS biased high.
- JD87492-6 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-4 for 1,1-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-4 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD87492-4 for trans-1,2-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-4 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.
- JD87492-3 for Vinyl chloride: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD87492-3 for 4-Methyl-2-pentanone(MIBK): This compound is outside the RCP limits in the associated BS biased high.
- JD87492-6 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.
- JD87492-3 for Bromomethane: Associated CCV outside of control limits high, sample was ND.
- JD87492-3 for 2-Butanone (MEK): Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-5 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.
- JD87492-1 for 4-Methyl-2-pentanone(MIBK): This compound is outside the RCP limits in the associated BS biased high.
- JD87492-8 for Acetone: Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-7 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.
- JD87492-6 for 2-Butanone (MEK): Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-8 for Vinyl chloride: Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
- JD87492-9 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.
- Not all RL meet the requirememnt.

Matrix: SO **Batch ID:** VI10430

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- JD87492-35 for Hexachlorobutadiene: Associated CCV outside of control limits high, sample was ND.
- JD87492-35 for Acrylonitrile: Associated CCV outside of control limits high, sample was ND.
- JD87492-35 for 1,1-Dichloroethene: Associated CCV outside of control limits high, sample was ND.
- JD87492-35 for 2-Butanone (MEK): Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-35 for Acetone: Associated CCV outside of control limits high. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-35 for trans-1,2-Dichloroethene: Associated CCV outside of control limits high, sample was ND.

Matrix: SO **Batch ID:** VY9001

MS Volatiles By Method SW846 8260D

Matrix: SO **Batch ID:** VY9001

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- JD87492-33 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.
- JD87492-36 for Tetrahydrofuran: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD87492-33 for Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.
- JD87492-36 for 4-Methyl-2-pentanone(MIBK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-32 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.
- JD87492-32 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.
- JD87492-32 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.
- JD87492-36 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.
- JD87492-31 for Tetrahydrofuran: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD87492-31 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.
- JD87492-31 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.
- JD87492-30 for 4-Methyl-2-pentanone(MIBK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-30 for Tetrahydrofuran: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD87492-31 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the continuing calibration.
- JD87492-30 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.
- JD87492-33 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.
- JD87492-31 for 4-Methyl-2-pentanone(MIBK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-28 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the continuing calibration.
- JD87492-36 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.
- JD87492-30 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the continuing calibration.
- JD87492-32 for 4-Methyl-2-pentanone(MIBK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-31 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.
- JD87492-30 for Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.
- JD87492-28 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.
- JD87492-28 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.
- JD87492-28 for Tetrahydrofuran: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

MS Volatiles By Method SW846 8260D

Matrix: SO **Batch ID:** VY9001

- JD87492-28 for 4-Methyl-2-pentanone(MIBK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-29 for Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.
- JD87492-32 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the continuing calibration.
- JD87492-29 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.
- JD87492-29 for 4-Methyl-2-pentanone(MIBK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-36 for Acetone: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.
- JD87492-33 for 4-Methyl-2-pentanone(MIBK): Response factor for this compound is below 0.05 in the initial and continuing calibrations.
- JD87492-33 for Tetrahydrofuran: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD87492-29 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.
- JD87492-36 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the continuing calibration.
- JD87492-30 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.
- JD87492-28 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.
- JD87492-32 for Tetrahydrofuran: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD87492-29 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the continuing calibration.
- JD87492-29 for Tetrahydrofuran: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JD87492-33 for 2-Butanone (MEK): Response factor for this compound is below 0.05 in the continuing calibration.
- Not all RL meet the requirement.

Metals Analysis By Method SW846 6010D

Matrix: LEACHATE **Batch ID:** MP46403

- 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) JD87492-1AMS, JD87492-1AMSD, JD87492-1ASDL were used as the QC samples for the metals analysis.
- Lead reported only per client.

Matrix: LEACHATE **Batch ID:** MP46405

- 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) JD87492-4AMS, JD87492-4AMSD, JD87492-4ASDL were used as the QC samples for the metals analysis.
- Lead reported only per client.

Matrix: LEACHATE **Batch ID:** MP46578

- 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) JD87683-4RSDL were used as the QC samples for the metals analysis.
- Lead reported only per client.
- Lead reported only per client.

Matrix: LEACHATE **Batch ID:** MP46665

- 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) JD87492-23AMS, JD87492-23AMSD, JD87492-23ASDL were used as the QC samples for the metals analysis.
- The serial dilution RPD(s) for Lead are outside control limits for sample MP46665-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- Lead reported only per client.

Matrix: LEACHATE **Batch ID:** MP46768

- 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) JD86926-6BSDL were used as the QC samples for the metals analysis.
- Lead reported only per client.

Matrix: SO **Batch ID:** MP46327

- 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) JD87266-2SDL were used as the QC samples for the metals analysis.
- JD87492-1 for Lead: Elevated detection limit due to dilution required for high interfering element.
- JD87492-4 for Lead: Elevated detection limit due to dilution required for high interfering element.
- JD87492-5 for Lead: Elevated detection limit due to dilution required for high interfering element.
- JD87492-3 for Lead: Elevated detection limit due to dilution required for high interfering element.

2

Metals Analysis By Method SW846 6010D

Matrix: SO **Batch ID:** MP46327

- Lead reported only per client.

Matrix: SO **Batch ID:** MP46389

- 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) JD87473-2SDL were used as the QC samples for the metals analysis.
- Lead reported only per client.

Matrix: SO **Batch ID:** MP46484

- 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) JD87492-26MS, JD87492-26MSD, JD87492-26SDL were used as the QC samples for the metals analysis.
- Lead reported only per client.

General Chemistry By Method SM2540 G 18TH ED MOD

Matrix: SO **Batch ID:** GN54150

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

Matrix: SO **Batch ID:** GN54271

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

Matrix: SO **Batch ID:** GN54277

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

Matrix: SO **Batch ID:** GN54280

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

Matrix: SO **Batch ID:** GN54281

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

Matrix: SO **Batch ID:** GN54338

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

General Chemistry By Method SW846 1312

Matrix: ALL **Batch ID:** GN54303

- The data for SW846 1312 meets quality control requirements.

Matrix: ALL **Batch ID:** GN54678

- The data for SW846 1312 meets quality control requirements.

Matrix: ALL **Batch ID:** GN54694

- The data for SW846 1312 meets quality control requirements.

Matrix: ALL **Batch ID:** GN54893

- The data for SW846 1312 meets quality control requirements.

Matrix: ALL **Batch ID:** GN54939

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

3

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD87492-1	**MW-16A (2-4)**					
Lead [a]		13.4	3.4		mg/kg	SW846 6010D
JD87492-1A	**MW-16A (2-4)**					
pH, SPLP Leachate		2.97			su	SW846 1312
Volume, SPLP Leachate		2.018			l	SW846 1312
Weight, SPLP Leachate		0.1009			kg	SW846 1312
Dry Weight, SPLP Leachate		0.07748			kg	SW846 1312
JD87492-2	**TRIP BLANK**					
No hits reported in this sample.						
JD87492-3	**MW-16A (10-12)**					
Acetone [b]		0.0099	0.0089		mg/kg	SW846 8260D
Lead [a]		11.1	4.5		mg/kg	SW846 6010D
JD87492-3A	**MW-16A (10-12)**					
pH, SPLP Leachate		3.15			su	SW846 1312
Volume, SPLP Leachate		2.006			l	SW846 1312
Weight, SPLP Leachate		0.1003			kg	SW846 1312
Dry Weight, SPLP Leachate		0.09098			kg	SW846 1312
JD87492-4	**MW-16A (4-6)**					
Lead [a]		12.5	4.7		mg/kg	SW846 6010D
JD87492-4A	**MW-16A (4-6)**					
pH, SPLP Leachate		5.66			su	SW846 1312
Volume, SPLP Leachate		2.015			l	SW846 1312
Weight, SPLP Leachate		0.1008			kg	SW846 1312
Dry Weight, SPLP Leachate		0.08262			kg	SW846 1312
JD87492-5	**SB-8 (5-7)**					
Lead [a]		18.7	4.9		mg/kg	SW846 6010D
JD87492-5A	**SB-8 (5-7)**					
pH, SPLP Leachate		6.86			su	SW846 1312

Summary of Hits

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

3

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Volume, SPLP Leachate		2.018			l	SW846 1312
Weight, SPLP Leachate		0.1009			kg	SW846 1312
Dry Weight, SPLP Leachate		0.07841			kg	SW846 1312
JD87492-6	**SB-8 (10-12)**					
Lead		9.0	2.2	0.46	mg/kg	SW846 6010D
JD87492-6A	**SB-8 (10-12)**					
pH, SPLP Leachate		7.56			su	SW846 1312
Volume, SPLP Leachate		2.009			l	SW846 1312
Weight, SPLP Leachate		0.1005			kg	SW846 1312
Dry Weight, SPLP Leachate		0.09142			kg	SW846 1312
JD87492-7	**MW-4A (18-20)**					
Lead		7.1	2.2	0.45	mg/kg	SW846 6010D
JD87492-7A	**MW-4A (18-20)**					
pH, SPLP Leachate		7.70			su	SW846 1312
Volume, SPLP Leachate		2.001			l	SW846 1312
Weight, SPLP Leachate		0.1001			kg	SW846 1312
Dry Weight, SPLP Leachate		0.09297			kg	SW846 1312
JD87492-8	**MW-4A (14-16)**					
Lead		7.3	2.2	0.46	mg/kg	SW846 6010D
JD87492-8A	**MW-4A (14-16)**					
pH, SPLP Leachate		6.93			su	SW846 1312
Volume, SPLP Leachate		2.001			l	SW846 1312
Weight, SPLP Leachate		0.1000			kg	SW846 1312
Dry Weight, SPLP Leachate		0.09104			kg	SW846 1312
JD87492-9	**MW-4A (8-10)**					
Lead		7.6	2.3	0.47	mg/kg	SW846 6010D
JD87492-9A	**MW-4A (8-10)**					
pH, SPLP Leachate		6.55			su	SW846 1312
Volume, SPLP Leachate		2.005			l	SW846 1312

Summary of Hits

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

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Weight, SPLP Leachate		0.1003			kg	SW846 1312
Dry Weight, SPLP Leachate		0.08934			kg	SW846 1312
JD87492-10	**TRIP BLANK**					
No hits reported in this sample.						
JD87492-11	**TRIP BLANK**					
No hits reported in this sample.						
JD87492-12	**SB-10(9-11)**					
Lead		9.5	2.2		mg/kg	SW846 6010D
JD87492-12A	**SB-10(9-11)**					
pH, SPLP Leachate		10.20			su	SW846 1312
Volume, SPLP Leachate		2.002			l	SW846 1312
Weight, SPLP Leachate		0.1001			kg	SW846 1312
Dry Weight, SPLP Leachate		0.09069			kg	SW846 1312
JD87492-13	**SB-10(13-15)**					
Acetone [b]		0.0091	0.0074		mg/kg	SW846 8260D
Benzene		0.00040	0.00037		mg/kg	SW846 8260D
Ethylbenzene		0.0025	0.00074		mg/kg	SW846 8260D
Lead		13.2	2.4		mg/kg	SW846 6010D
JD87492-14	**SB-5(4-5)**					
Acetone [b]		0.0133	0.0085		mg/kg	SW846 8260D
Lead		14.4	2.4		mg/kg	SW846 6010D
JD87492-14A	**SB-5(4-5)**					
pH, SPLP Leachate		3.22			su	SW846 1312
Volume, SPLP Leachate		2.006			l	SW846 1312
Weight, SPLP Leachate		0.1003			kg	SW846 1312
Dry Weight, SPLP Leachate		0.08526			kg	SW846 1312
JD87492-15	**SB-2/MW-2A(10-12)**					
n-Butylbenzene [c]		0.123	0.10		mg/kg	SW846 8260D
Ethylbenzene [c]		0.820	0.052		mg/kg	SW846 8260D

Summary of Hits

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

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Isopropylbenzene [c]		0.192	0.10		mg/kg	SW846 8260D
Naphthalene [c]		0.547	0.26		mg/kg	SW846 8260D
n-Propylbenzene [c]		0.433	0.10		mg/kg	SW846 8260D
Toluene [c]		0.0727	0.052		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene [c]		3.00	0.10		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene [c]		1.05	0.10		mg/kg	SW846 8260D
m,p-Xylene [c]		2.33	0.052		mg/kg	SW846 8260D
o-Xylene [c]		1.12	0.052		mg/kg	SW846 8260D
Lead		10.1	2.4		mg/kg	SW846 6010D
JD87492-16	**SB-2(14-16)**					
n-Butylbenzene [c]		0.313	0.095		mg/kg	SW846 8260D
sec-Butylbenzene [c]		0.150	0.095		mg/kg	SW846 8260D
Ethylbenzene [c]		2.73	0.048		mg/kg	SW846 8260D
Isopropylbenzene [c]		0.491	0.095		mg/kg	SW846 8260D
Naphthalene [c]		1.34	0.24		mg/kg	SW846 8260D
n-Propylbenzene [c]		1.12	0.095		mg/kg	SW846 8260D
Toluene [c]		0.260	0.048		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene [c]		8.18	0.095		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene [c]		2.80	0.095		mg/kg	SW846 8260D
m,p-Xylene [c]		10.1	0.048		mg/kg	SW846 8260D
o-Xylene [c]		4.18	0.048		mg/kg	SW846 8260D
Lead		6.6	1.5		mg/kg	SW846 6010D
JD87492-17	**SB-2(18-19.5)**					
n-Butylbenzene		0.0015	0.0015		mg/kg	SW846 8260D
Ethylbenzene		0.0035	0.00077		mg/kg	SW846 8260D
n-Propylbenzene		0.0027	0.0015		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene		0.0210	0.0015		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene		0.0068	0.0015		mg/kg	SW846 8260D
m,p-Xylene		0.0143	0.00077		mg/kg	SW846 8260D
o-Xylene		0.0050	0.00077		mg/kg	SW846 8260D
Lead		7.4	2.1		mg/kg	SW846 6010D
JD87492-18	**TRIP BLANK**					
No hits reported in this sample.						
JD87492-19	**SB-9 (7-9)**					
Acetone [b]		0.0117	0.0083		mg/kg	SW846 8260D
Methylene chloride		0.0044	0.0042		mg/kg	SW846 8260D
Lead		8.5	2.2		mg/kg	SW846 6010D

Summary of Hits

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

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD87492-19A	**SB-9 (7-9)**					
pH, SPLP Leachate		3.24			su	SW846 1312
Volume, SPLP Leachate		2.008			l	SW846 1312
Weight, SPLP Leachate		0.1004			kg	SW846 1312
Dry Weight, SPLP Leachate		0.08875			kg	SW846 1312
JD87492-20	**SB-9 (13-13.5)**					
Lead		13.4	2.3		mg/kg	SW846 6010D
JD87492-21	**SB-6 (9-11)**					
Acetone [b]		0.0177	0.0073		mg/kg	SW846 8260D
Lead		8.0	2.2		mg/kg	SW846 6010D
JD87492-21A	**SB-6 (9-11)**					
pH, SPLP Leachate		3.52			su	SW846 1312
Volume, SPLP Leachate		2.006			l	SW846 1312
Weight, SPLP Leachate		0.1003			kg	SW846 1312
Dry Weight, SPLP Leachate		0.08937			kg	SW846 1312
JD87492-22	**SB-6 (19-20.5)**					
Ethylbenzene [c]		0.312	0.050		mg/kg	SW846 8260D
n-Propylbenzene [c]		0.206	0.10		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene [c]		1.05	0.10		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene [c]		0.369	0.10		mg/kg	SW846 8260D
m,p-Xylene [c]		0.864	0.050		mg/kg	SW846 8260D
o-Xylene [c]		0.119	0.050		mg/kg	SW846 8260D
Lead		5.8	2.2		mg/kg	SW846 6010D
JD87492-23	**SB-6 (11-13)**					
n-Butylbenzene [c]		0.249	0.098		mg/kg	SW846 8260D
Ethylbenzene [c]		0.577	0.049		mg/kg	SW846 8260D
Isopropylbenzene [c]		0.194	0.098		mg/kg	SW846 8260D
Naphthalene [c]		0.604	0.24		mg/kg	SW846 8260D
n-Propylbenzene [c]		0.781	0.098		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene [c]		4.53	0.098		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene [c]		1.59	0.098		mg/kg	SW846 8260D
m,p-Xylene [c]		1.42	0.049		mg/kg	SW846 8260D
o-Xylene [c]		0.126	0.049		mg/kg	SW846 8260D

Summary of Hits

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

3

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Lead		9.4	2.1		mg/kg	SW846 6010D
JD87492-23A	**SB-6 (11-13)**					
pH, SPLP Leachate		8.75			su	SW846 1312
Volume, SPLP Leachate		2.003			l	SW846 1312
Weight, SPLP Leachate		0.1002			kg	SW846 1312
Dry Weight, SPLP Leachate		0.09085			kg	SW846 1312
JD87492-24	**SB-6 (17-19)**					
n-Butylbenzene [c]		0.967	0.11		mg/kg	SW846 8260D
sec-Butylbenzene [c]		0.303	0.11		mg/kg	SW846 8260D
tert-Butylbenzene [c]		0.178	0.11		mg/kg	SW846 8260D
Ethylbenzene [c]		4.19	0.055		mg/kg	SW846 8260D
Isopropylbenzene [c]		0.759	0.11		mg/kg	SW846 8260D
p-Isopropyltoluene [c]		0.179	0.11		mg/kg	SW846 8260D
Naphthalene [c]		1.75	0.27		mg/kg	SW846 8260D
n-Propylbenzene [c]		2.86	0.11		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene		16.0	1.1		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene [c]		5.58	0.11		mg/kg	SW846 8260D
m,p-Xylene [c]		11.5	0.055		mg/kg	SW846 8260D
o-Xylene [c]		1.46	0.055		mg/kg	SW846 8260D
Lead		9.0	2.2		mg/kg	SW846 6010D
JD87492-25	**SB-14 (9-11)**					
Acetone [b]		0.0276	0.0085		mg/kg	SW846 8260D
Lead		10.6	2.3		mg/kg	SW846 6010D
JD87492-25A	**SB-14 (9-11)**					
pH, SPLP Leachate		8.81			su	SW846 1312
Volume, SPLP Leachate		2.004			l	SW846 1312
Weight, SPLP Leachate		0.1002			kg	SW846 1312
Dry Weight, SPLP Leachate		0.08905			kg	SW846 1312
JD87492-26	**SB-14 (13-15)**					
Acetone [b]		0.0441	0.011		mg/kg	SW846 8260D
Lead		15.6	2.1		mg/kg	SW846 6010D
JD87492-27	**SB-14 (13-15)-DUP**					
Acetone [b]		0.0377	0.0099		mg/kg	SW846 8260D

Summary of Hits

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

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Lead		13.9	2.3		mg/kg	SW846 6010D
JD87492-28	**TRIP BLANK**					
No hits reported in this sample.						
JD87492-29	**SB-3 (5-7)**					
Acetone [d]		0.0085	0.0082		mg/kg	SW846 8260D
2-Butanone (MEK) [e]		0.0092	0.0082		mg/kg	SW846 8260D
Lead		9.5	2.3		mg/kg	SW846 6010D
JD87492-29A	**SB-3 (5-7)**					
pH, SPLP Leachate		9.13			su	SW846 1312
Volume, SPLP Leachate		2.006			l	SW846 1312
Weight, SPLP Leachate		0.1003			kg	SW846 1312
Dry Weight, SPLP Leachate		0.09035			kg	SW846 1312
JD87492-30	**SB-3 (13-15)**					
Acetone [d]		0.0095	0.0089		mg/kg	SW846 8260D
Methylene chloride		0.0049	0.0045		mg/kg	SW846 8260D
Lead		7.0	2.1		mg/kg	SW846 6010D
JD87492-30A	**SB-3 (13-15)**					
pH, SPLP Leachate		7.61			su	SW846 1312
Volume, SPLP Leachate		2.012			l	SW846 1312
Weight, SPLP Leachate		0.1006			kg	SW846 1312
Dry Weight, SPLP Leachate		0.09416			kg	SW846 1312
Lead		0.034	0.015		mg/l	SW846 6010D
JD87492-31	**SB-3 (17-18.5)**					
Methylene chloride		0.0047	0.0046		mg/kg	SW846 8260D
Lead		6.1	2.1		mg/kg	SW846 6010D
JD87492-31A	**SB-3 (17-18.5)**					
pH, SPLP Leachate		8.86			su	SW846 1312
Volume, SPLP Leachate		2.013			l	SW846 1312
Weight, SPLP Leachate		0.1001			kg	SW846 1312
Dry Weight, SPLP Leachate		0.09429			kg	SW846 1312

Summary of Hits

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

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD87492-32	**SB-5 (5-7)**					
Lead		13.4	2.6		mg/kg	SW846 6010D
JD87492-32A	**SB-5 (5-7)**					
pH, SPLP Leachate		7.85			su	SW846 1312
Volume, SPLP Leachate		2.013			l	SW846 1312
Weight, SPLP Leachate		0.1006			kg	SW846 1312
Dry Weight, SPLP Leachate		0.08021			kg	SW846 1312
JD87492-33	**SB-5 (5-7)-DUP**					
Acetone [d]		0.0120	0.010		mg/kg	SW846 8260D
Lead		13.1	2.7		mg/kg	SW846 6010D
JD87492-33A	**SB-5 (5-7)-DUP**					
pH, SPLP Leachate		5.60			su	SW846 1312
Volume, SPLP Leachate		2.002			l	SW846 1312
Weight, SPLP Leachate		0.1001			kg	SW846 1312
Dry Weight, SPLP Leachate		0.07456			kg	SW846 1312
JD87492-34	**SB-5 (13-15)**					
Ethylbenzene [c]		0.468	0.063		mg/kg	SW846 8260D
Naphthalene [c]		0.466	0.31		mg/kg	SW846 8260D
n-Propylbenzene [c]		0.198	0.13		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene [c]		1.27	0.13		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene [c]		0.424	0.13		mg/kg	SW846 8260D
m,p-Xylene [c]		1.41	0.063		mg/kg	SW846 8260D
o-Xylene [c]		0.525	0.063		mg/kg	SW846 8260D
Lead		7.1	2.3		mg/kg	SW846 6010D
JD87492-34A	**SB-5 (13-15)**					
pH, SPLP Leachate		7.64			su	SW846 1312
Volume, SPLP Leachate		2.005			l	SW846 1312
Weight, SPLP Leachate		0.1002			kg	SW846 1312
Dry Weight, SPLP Leachate		0.08971			kg	SW846 1312
JD87492-35	**SB-5 (15-17)**					
Acetone [f]		0.0109	0.010		mg/kg	SW846 8260D
Ethylbenzene		0.0133	0.0010		mg/kg	SW846 8260D

Summary of Hits

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

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
Naphthalene	0.0102	0.0052		mg/kg	SW846 8260D
Toluene	0.0037	0.0010		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene	0.0116	0.0021		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene	0.0025	0.0021		mg/kg	SW846 8260D
m,p-Xylene	0.0316	0.0010		mg/kg	SW846 8260D
o-Xylene	0.0170	0.0010		mg/kg	SW846 8260D
Lead	7.7	2.2		mg/kg	SW846 6010D
JD87492-35A SB-5 (15-17)					
pH, SPLP Leachate	6.80			su	SW846 1312
Volume, SPLP Leachate	2.003			l	SW846 1312
Weight, SPLP Leachate	0.1002			kg	SW846 1312
Dry Weight, SPLP Leachate	0.08834			kg	SW846 1312
JD87492-36 SB-7 (11-13)					
Acetone [d]	0.0137	0.0080		mg/kg	SW846 8260D
Ethylbenzene	0.0080	0.00080		mg/kg	SW846 8260D
n-Propylbenzene	0.0024	0.0016		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene	0.0148	0.0016		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene	0.0052	0.0016		mg/kg	SW846 8260D
m,p-Xylene	0.0243	0.00080		mg/kg	SW846 8260D
o-Xylene	0.0097	0.00080		mg/kg	SW846 8260D
Lead	6.1	2.2		mg/kg	SW846 6010D
JD87492-36A SB-7 (11-13)					
pH, SPLP Leachate	7.10			su	SW846 1312
Volume, SPLP Leachate	2.009			l	SW846 1312
Weight, SPLP Leachate	0.1005			kg	SW846 1312
Dry Weight, SPLP Leachate	0.09202			kg	SW846 1312
JD87492-37 SB-7 (13-15)					
n-Butylbenzene [c]	0.781	0.099		mg/kg	SW846 8260D
sec-Butylbenzene [c]	0.181	0.099		mg/kg	SW846 8260D
Ethylbenzene [c]	0.408	0.049		mg/kg	SW846 8260D
Isopropylbenzene [c]	0.112	0.099		mg/kg	SW846 8260D
p-Isopropyltoluene [c]	0.101	0.099		mg/kg	SW846 8260D
Naphthalene [c]	0.305	0.25		mg/kg	SW846 8260D
n-Propylbenzene [c]	0.568	0.099		mg/kg	SW846 8260D
Toluene [c]	0.0901	0.049		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene [c]	2.39	0.099		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene [c]	0.987	0.099		mg/kg	SW846 8260D

Summary of Hits

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

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
m,p-Xylene [c]		1.22	0.049		mg/kg	SW846 8260D
o-Xylene [c]		0.165	0.049		mg/kg	SW846 8260D
Lead		7.2	2.2		mg/kg	SW846 6010D
JD87492-37A	**SB-7 (13-15)**					
pH, SPLP Leachate		4.32			su	SW846 1312
Volume, SPLP Leachate		2.000			l	SW846 1312
Weight, SPLP Leachate		0.09998			kg	SW846 1312
Dry Weight, SPLP Leachate		0.09018			kg	SW846 1312
JD87492-38	**SB-7 (15-17)**					
Benzene [c]		0.0335	0.027		mg/kg	SW846 8260D
n-Butylbenzene [c]		0.833	0.11		mg/kg	SW846 8260D
sec-Butylbenzene [c]		0.239	0.11		mg/kg	SW846 8260D
Ethylbenzene [c]		3.40	0.053		mg/kg	SW846 8260D
Isopropylbenzene [c]		0.625	0.11		mg/kg	SW846 8260D
p-Isopropyltoluene [c]		0.140	0.11		mg/kg	SW846 8260D
Naphthalene [c]		1.55	0.27		mg/kg	SW846 8260D
n-Propylbenzene [c]		2.23	0.11		mg/kg	SW846 8260D
Toluene [c]		0.441	0.053		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene		13.0	1.1		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene [c]		4.20	0.11		mg/kg	SW846 8260D
m,p-Xylene [c]		10.2	0.053		mg/kg	SW846 8260D
o-Xylene [c]		0.711	0.053		mg/kg	SW846 8260D
Lead		9.3	2.2		mg/kg	SW846 6010D
JD87492-39	**SB-7 (15-17)-DUP**					
Benzene [c]		0.0340	0.030		mg/kg	SW846 8260D
n-Butylbenzene [c]		0.514	0.12		mg/kg	SW846 8260D
sec-Butylbenzene [c]		0.141	0.12		mg/kg	SW846 8260D
Ethylbenzene [c]		1.54	0.060		mg/kg	SW846 8260D
Isopropylbenzene [c]		0.319	0.12		mg/kg	SW846 8260D
Naphthalene [c]		0.617	0.30		mg/kg	SW846 8260D
n-Propylbenzene [c]		1.22	0.12		mg/kg	SW846 8260D
Toluene [c]		0.371	0.060		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene [c]		6.41	0.12		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene [c]		2.20	0.12		mg/kg	SW846 8260D
m,p-Xylene [c]		5.05	0.060		mg/kg	SW846 8260D
o-Xylene [c]		0.539	0.060		mg/kg	SW846 8260D
Lead		12.0	2.1		mg/kg	SW846 6010D

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

Summary of Hits

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

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Analyte						

(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.
(d) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.
(e) Response factor for this compound is below 0.05 in the continuing calibration.
(f) Associated CCV outside of control limits high. 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:	MW-16A (2-4)		
Lab Sample ID:	JD87492-1	**Date Sampled:**	04/29/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	76.8
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I257629.D	1	05/02/24 17:31	PS	n/a	n/a	VI10417
Run #2							

	Initial Weight
Run #1	7.0 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	ND	0.0093	mg/kg	
107-13-1	Acrylonitrile	ND	0.0093	mg/kg	
71-43-2	Benzene	ND	0.00047	mg/kg	
108-86-1	Bromobenzene	ND	0.0047	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0019	mg/kg	
75-25-2	Bromoform	ND	0.0047	mg/kg	
74-83-9	Bromomethane [b]	ND	0.0047	mg/kg	
78-93-3	2-Butanone (MEK) [c]	ND	0.0093	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0019	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0019	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0019	mg/kg	
75-15-0	Carbon disulfide	ND	0.0019	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0019	mg/kg	
108-90-7	Chlorobenzene	ND	0.0019	mg/kg	
75-00-3	Chloroethane [d]	ND	0.0047	mg/kg	
67-66-3	Chloroform	ND	0.0019	mg/kg	
74-87-3	Chloromethane [d]	ND	0.0047	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0019	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0019	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0019	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0019	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00093	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00093	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00093	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00093	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0047	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0047	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00093	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00093	mg/kg	
75-35-4	1,1-Dichloroethene [b]	ND	0.00093	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00093	mg/kg	
156-60-5	trans-1,2-Dichloroethene [b]	ND	0.00093	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-16A (2-4)		
Lab Sample ID:	JD87492-1	**Date Sampled:**	04/29/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	76.8
Project:	Eversource, Berlin, CT		

4.1
4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	0.0019	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0019	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0019	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0019	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0019	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0019	mg/kg	
100-41-4	Ethylbenzene	ND	0.00093	mg/kg	
76-13-1	Freon 113	ND	0.0047	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0047	mg/kg	
591-78-6	2-Hexanone [e]	ND	0.0047	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0019	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0019	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00093	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [e]	ND	0.0047	mg/kg	
74-95-3	Methylene bromide	ND	0.0047	mg/kg	
75-09-2	Methylene chloride	ND	0.0047	mg/kg	
91-20-3	Naphthalene	ND	0.0047	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0019	mg/kg	
100-42-5	Styrene	ND	0.0019	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0019	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0019	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0019	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.0093	mg/kg	
108-88-3	Toluene	ND	0.00093	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0047	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0047	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0019	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0019	mg/kg	
79-01-6	Trichloroethene	ND	0.00093	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0047	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0047	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0019	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0019	mg/kg	
75-01-4	Vinyl chloride [d]	ND	0.0019	mg/kg	
	m,p-Xylene	ND	0.00093	mg/kg	
95-47-6	o-Xylene	ND	0.00093	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		80-124%

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-16A (2-4)		
Lab Sample ID:	JD87492-1	**Date Sampled:**	04/29/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	76.8
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	117%		75-133%
2037-26-5	Toluene-D8	103%		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.
(c) Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(d) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(e) 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-16A (2-4)		
Lab Sample ID:	JD87492-1	**Date Sampled:**	04/29/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
		Percent Solids:	76.8
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead [a]	13.4	3.4	mg/kg	2	05/02/24	05/06/24	KP	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56014
(2) Prep QC Batch: MP46327

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

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: MW-16A (2-4)
Lab Sample ID: JD87492-1A
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 04/29/24
Date Received: 04/30/24
Percent Solids: 76.8

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	05/06/24	05/07/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56014
(2) Prep QC Batch: MP46403

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-16A (2-4)		
Lab Sample ID:	JD87492-1A	**Date Sampled:**	04/29/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
		Percent Solids:	76.8
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	2.97		su	1	05/04/24 11:14	IA	SW846 1312
Volume, SPLP Leachate	2.018		l	1	05/04/24 11:14	IA	SW846 1312
Weight, SPLP Leachate	0.1009		kg	1	05/04/24 11:14	IA	SW846 1312
Dry Weight, SPLP Leachate	0.07748		kg	1	05/04/24 11:14	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD87492-2	**Date Sampled:**	04/30/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I257627.D	1	05/02/24 16:47	PS	n/a	n/a	VI10417
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	
75-27-4	Bromodichloromethane	ND	0.0020	mg/kg	
75-25-2	Bromoform	ND	0.0050	mg/kg	
74-83-9	Bromomethane [b]	ND	0.0050	mg/kg	
78-93-3	2-Butanone (MEK) [c]	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 [d]	ND	0.0050	mg/kg	
67-66-3	Chloroform	ND	0.0020	mg/kg	
74-87-3	Chloromethane [d]	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 [b]	ND	0.0010	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.0010	mg/kg	
156-60-5	trans-1,2-Dichloroethene [b]	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:	JD87492-2	**Date Sampled:**	04/30/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	04/30/24
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	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	
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 [e]	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 [e]	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	
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 [d]	ND	0.0020	mg/kg	
	m,p-Xylene	ND	0.0010	mg/kg	
95-47-6	o-Xylene	ND	0.0010	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-124%

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:	JD87492-2	**Date Sampled:**	04/30/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	04/30/24
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	114%		75-133%
2037-26-5	Toluene-D8	86%		79-125%
460-00-4	4-Bromofluorobenzene	98%		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.
(c) Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(d) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(e) 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-16A (10-12)		
Lab Sample ID:	JD87492-3	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	90.7
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I257630.D	1	05/02/24 17:53	PS	n/a	n/a	VI10417
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]	0.0099	0.0089	mg/kg	
107-13-1	Acrylonitrile	ND	0.0089	mg/kg	
71-43-2	Benzene	ND	0.00044	mg/kg	
108-86-1	Bromobenzene	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 [b]	ND	0.0044	mg/kg	
78-93-3	2-Butanone (MEK) [c]	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 [d]	ND	0.0044	mg/kg	
67-66-3	Chloroform	ND	0.0018	mg/kg	
74-87-3	Chloromethane [d]	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 [b]	ND	0.00089	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00089	mg/kg	
156-60-5	trans-1,2-Dichloroethene [b]	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-16A (10-12)		
Lab Sample ID:	JD87492-3	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	90.7
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
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 [e]	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 [e]	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	
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 [d]	ND	0.0018	mg/kg	
	m,p-Xylene	ND	0.00089	mg/kg	
95-47-6	o-Xylene	ND	0.00089	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	84%		80-124%

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-16A (10-12)		
Lab Sample ID:	JD87492-3	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	90.7
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	116%		75-133%
2037-26-5	Toluene-D8	89%		79-125%
460-00-4	4-Bromofluorobenzene	80%		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.
(c) Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(d) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(e) 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-16A (10-12)		
Lab Sample ID:	JD87492-3	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
		Percent Solids:	90.7
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead [a]	11.1	4.5	mg/kg	2	05/02/24	05/06/24	KP	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56014
(2) Prep QC Batch: MP46327

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

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: MW-16A (10-12)
Lab Sample ID: JD87492-3A
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 04/30/24
Date Received: 04/30/24
Percent Solids: 90.7

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	05/06/24	05/07/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56014
(2) Prep QC Batch: MP46403

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-16A (10-12)		
Lab Sample ID:	JD87492-3A	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
		Percent Solids:	90.7
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	3.15		su	1	05/04/24 11:14	IA	SW846 1312
Volume, SPLP Leachate	2.006		l	1	05/04/24 11:14	IA	SW846 1312
Weight, SPLP Leachate	0.1003		kg	1	05/04/24 11:14	IA	SW846 1312
Dry Weight, SPLP Leachate	0.09098		kg	1	05/04/24 11:14	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-16A (4-6)		
Lab Sample ID:	JD87492-4	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	82.0
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I257631.D	1	05/02/24 18:16	PS	n/a	n/a	VI10417
Run #2							

	Initial Weight
Run #1	6.3 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	ND	0.0097	mg/kg	
107-13-1	Acrylonitrile	ND	0.0097	mg/kg	
71-43-2	Benzene	ND	0.00048	mg/kg	
108-86-1	Bromobenzene	ND	0.0048	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0019	mg/kg	
75-25-2	Bromoform	ND	0.0048	mg/kg	
74-83-9	Bromomethane [b]	ND	0.0048	mg/kg	
78-93-3	2-Butanone (MEK) [c]	ND	0.0097	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0019	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0019	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0019	mg/kg	
75-15-0	Carbon disulfide	ND	0.0019	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0019	mg/kg	
108-90-7	Chlorobenzene	ND	0.0019	mg/kg	
75-00-3	Chloroethane [d]	ND	0.0048	mg/kg	
67-66-3	Chloroform	ND	0.0019	mg/kg	
74-87-3	Chloromethane [d]	ND	0.0048	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0019	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0019	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0019	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0019	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00097	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00097	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00097	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00097	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0048	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0048	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00097	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00097	mg/kg	
75-35-4	1,1-Dichloroethene [b]	ND	0.00097	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00097	mg/kg	
156-60-5	trans-1,2-Dichloroethene [b]	ND	0.00097	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-16A (4-6)		
Lab Sample ID:	JD87492-4	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	82.0
Project:	Eversource, Berlin, CT		

4.6
4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	0.0019	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0019	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0019	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0019	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0019	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0019	mg/kg	
100-41-4	Ethylbenzene	ND	0.00097	mg/kg	
76-13-1	Freon 113	ND	0.0048	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0048	mg/kg	
591-78-6	2-Hexanone [e]	ND	0.0048	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0019	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0019	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00097	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [e]	ND	0.0048	mg/kg	
74-95-3	Methylene bromide	ND	0.0048	mg/kg	
75-09-2	Methylene chloride	ND	0.0048	mg/kg	
91-20-3	Naphthalene	ND	0.0048	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0019	mg/kg	
100-42-5	Styrene	ND	0.0019	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0019	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0019	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0019	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.0097	mg/kg	
108-88-3	Toluene	ND	0.00097	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0048	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0048	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0019	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0019	mg/kg	
79-01-6	Trichloroethene	ND	0.00097	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0048	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0048	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0019	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0019	mg/kg	
75-01-4	Vinyl chloride [d]	ND	0.0019	mg/kg	
	m,p-Xylene	ND	0.00097	mg/kg	
95-47-6	o-Xylene	ND	0.00097	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	85%		80-124%

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-16A (4-6)		
Lab Sample ID:	JD87492-4	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	82.0
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	116%		75-133%
2037-26-5	Toluene-D8	88%		79-125%
460-00-4	4-Bromofluorobenzene	80%		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.
(c) Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(d) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(e) 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-16A (4-6)		
Lab Sample ID:	JD87492-4	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
		Percent Solids:	82.0
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead [a]	12.5	4.7	mg/kg	2	05/02/24	05/06/24	KP	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56014
(2) Prep QC Batch: MP46327

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

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: MW-16A (4-6)
Lab Sample ID: JD87492-4A
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 04/30/24
Date Received: 04/30/24
Percent Solids: 82.0

4.7
4

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	05/06/24	05/07/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56017
(2) Prep QC Batch: MP46405

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-16A (4-6)		
Lab Sample ID:	JD87492-4A	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
		Percent Solids:	82.0
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	5.66		su	1	05/03/24 09:16	IA	SW846 1312
Volume, SPLP Leachate	2.015		l	1	05/03/24 09:16	IA	SW846 1312
Weight, SPLP Leachate	0.1008		kg	1	05/03/24 09:16	IA	SW846 1312
Dry Weight, SPLP Leachate	0.08262		kg	1	05/03/24 09:16	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-8 (5-7)		
Lab Sample ID:	JD87492-5	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	77.7
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I257632.D	1	05/02/24 18:38	PS	n/a	n/a	VI10417
Run #2							

	Initial Weight
Run #1	6.3 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	0.00051	mg/kg	
108-86-1	Bromobenzene	ND	0.0051	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0020	mg/kg	
75-25-2	Bromoform	ND	0.0051	mg/kg	
74-83-9	Bromomethane [b]	ND	0.0051	mg/kg	
78-93-3	2-Butanone (MEK) [c]	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 [d]	ND	0.0051	mg/kg	
67-66-3	Chloroform	ND	0.0020	mg/kg	
74-87-3	Chloromethane [d]	ND	0.0051	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	0.0051	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0051	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 [b]	ND	0.0010	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.0010	mg/kg	
156-60-5	trans-1,2-Dichloroethene [b]	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:	SB-8 (5-7)		
Lab Sample ID:	JD87492-5	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	77.7
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
100-41-4	Ethylbenzene	ND	0.0010	mg/kg	
76-13-1	Freon 113	ND	0.0051	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0051	mg/kg	
591-78-6	2-Hexanone [e]	ND	0.0051	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 [e]	ND	0.0051	mg/kg	
74-95-3	Methylene bromide	ND	0.0051	mg/kg	
75-09-2	Methylene chloride	ND	0.0051	mg/kg	
91-20-3	Naphthalene	ND	0.0051	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0020	mg/kg	
100-42-5	Styrene	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	0.0051	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0051	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	0.0051	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0051	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 [d]	ND	0.0020	mg/kg	
	m,p-Xylene	ND	0.0010	mg/kg	
95-47-6	o-Xylene	ND	0.0010	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	83%		80-124%

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-8 (5-7)		
Lab Sample ID:	JD87492-5	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	77.7
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%		75-133%
2037-26-5	Toluene-D8	88%		79-125%
460-00-4	4-Bromofluorobenzene	79%		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.
(c) Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(d) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(e) 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-8 (5-7)		
Lab Sample ID:	JD87492-5	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
		Percent Solids:	77.7
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead [a]	18.7	4.9	mg/kg	2	05/02/24	05/06/24	KP	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56014
(2) Prep QC Batch: MP46327

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

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-8 (5-7)		
Lab Sample ID:	JD87492-5A	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
		Percent Solids:	77.7
Project:	Eversource, Berlin, CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	05/06/24	05/07/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56017
(2) Prep QC Batch: MP46405

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-8 (5-7)		
Lab Sample ID:	JD87492-5A	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
		Percent Solids:	77.7
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	6.86		su	1	05/03/24 09:16	IA	SW846 1312
Volume, SPLP Leachate	2.018		l	1	05/03/24 09:16	IA	SW846 1312
Weight, SPLP Leachate	0.1009		kg	1	05/03/24 09:16	IA	SW846 1312
Dry Weight, SPLP Leachate	0.07841		kg	1	05/03/24 09:16	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-8 (10-12)		
Lab Sample ID:	JD87492-6	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	91.0
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I257633.D	1	05/02/24 19:00	PS	n/a	n/a	VI10417
Run #2							

	Initial Weight
Run #1	5.7 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	ND	0.0096	mg/kg	
107-13-1	Acrylonitrile	ND	0.0096	mg/kg	
71-43-2	Benzene	ND	0.00048	mg/kg	
108-86-1	Bromobenzene	ND	0.0048	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0019	mg/kg	
75-25-2	Bromoform	ND	0.0048	mg/kg	
74-83-9	Bromomethane [b]	ND	0.0048	mg/kg	
78-93-3	2-Butanone (MEK) [c]	ND	0.0096	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0019	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0019	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0019	mg/kg	
75-15-0	Carbon disulfide	ND	0.0019	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0019	mg/kg	
108-90-7	Chlorobenzene	ND	0.0019	mg/kg	
75-00-3	Chloroethane [d]	ND	0.0048	mg/kg	
67-66-3	Chloroform	ND	0.0019	mg/kg	
74-87-3	Chloromethane [d]	ND	0.0048	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0019	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0019	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0019	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0019	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00096	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00096	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00096	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00096	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0048	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0048	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00096	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00096	mg/kg	
75-35-4	1,1-Dichloroethene [b]	ND	0.00096	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00096	mg/kg	
156-60-5	trans-1,2-Dichloroethene [b]	ND	0.00096	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-8 (10-12)		
Lab Sample ID:	JD87492-6	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	91.0
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	0.0019	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0019	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0019	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0019	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0019	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0019	mg/kg	
100-41-4	Ethylbenzene	ND	0.00096	mg/kg	
76-13-1	Freon 113	ND	0.0048	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0048	mg/kg	
591-78-6	2-Hexanone [e]	ND	0.0048	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0019	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0019	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00096	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [e]	ND	0.0048	mg/kg	
74-95-3	Methylene bromide	ND	0.0048	mg/kg	
75-09-2	Methylene chloride	ND	0.0048	mg/kg	
91-20-3	Naphthalene	ND	0.0048	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0019	mg/kg	
100-42-5	Styrene	ND	0.0019	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0019	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0019	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0019	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.0096	mg/kg	
108-88-3	Toluene	ND	0.00096	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0048	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0048	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0019	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0019	mg/kg	
79-01-6	Trichloroethene	ND	0.00096	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0048	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0048	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0019	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0019	mg/kg	
75-01-4	Vinyl chloride [d]	ND	0.0019	mg/kg	
	m,p-Xylene	ND	0.00096	mg/kg	
95-47-6	o-Xylene	ND	0.00096	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	84%		80-124%

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-8 (10-12)		
Lab Sample ID:	JD87492-6	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	91.0
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%		75-133%
2037-26-5	Toluene-D8	89%		79-125%
460-00-4	4-Bromofluorobenzene	80%		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.
(c) Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(d) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(e) 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-8 (10-12)		
Lab Sample ID:	JD87492-6	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
		Percent Solids:	91.0
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	9.0	2.2	0.46	mg/kg	1	05/02/24	05/04/24	KP	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56008
(2) Prep QC Batch: MP46327

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-8 (10-12)
Lab Sample ID: JD87492-6A
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 04/30/24
Date Received: 04/30/24
Percent Solids: 91.0

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	05/06/24	05/07/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56017
(2) Prep QC Batch: MP46405

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-8 (10-12)		
Lab Sample ID:	JD87492-6A	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
		Percent Solids:	91.0
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	7.56		su	1	05/03/24 09:16	IA	SW846 1312
Volume, SPLP Leachate	2.009		l	1	05/03/24 09:16	IA	SW846 1312
Weight, SPLP Leachate	0.1005		kg	1	05/03/24 09:16	IA	SW846 1312
Dry Weight, SPLP Leachate	0.09142		kg	1	05/03/24 09:16	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-4A (18-20)		
Lab Sample ID:	JD87492-7	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	92.9
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I257634.D	1	05/02/24 19:22	PS	n/a	n/a	VI10417
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	ND	0.0098	mg/kg	
107-13-1	Acrylonitrile	ND	0.0098	mg/kg	
71-43-2	Benzene	ND	0.00049	mg/kg	
108-86-1	Bromobenzene	ND	0.0049	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0020	mg/kg	
75-25-2	Bromoform	ND	0.0049	mg/kg	
74-83-9	Bromomethane [b]	ND	0.0049	mg/kg	
78-93-3	2-Butanone (MEK) [c]	ND	0.0098	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 [d]	ND	0.0049	mg/kg	
67-66-3	Chloroform	ND	0.0020	mg/kg	
74-87-3	Chloromethane [d]	ND	0.0049	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	0.00098	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00098	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00098	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00098	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0049	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0049	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00098	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00098	mg/kg	
75-35-4	1,1-Dichloroethene [b]	ND	0.00098	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00098	mg/kg	
156-60-5	trans-1,2-Dichloroethene [b]	ND	0.00098	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-4A (18-20)		
Lab Sample ID:	JD87492-7	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	92.9
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
100-41-4	Ethylbenzene	ND	0.00098	mg/kg	
76-13-1	Freon 113	ND	0.0049	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0049	mg/kg	
591-78-6	2-Hexanone [e]	ND	0.0049	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	0.00098	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [e]	ND	0.0049	mg/kg	
74-95-3	Methylene bromide	ND	0.0049	mg/kg	
75-09-2	Methylene chloride	ND	0.0049	mg/kg	
91-20-3	Naphthalene	ND	0.0049	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0020	mg/kg	
100-42-5	Styrene	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	0.0098	mg/kg	
108-88-3	Toluene	ND	0.00098	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0049	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0049	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	0.00098	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0049	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0049	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 [d]	ND	0.0020	mg/kg	
	m,p-Xylene	ND	0.00098	mg/kg	
95-47-6	o-Xylene	ND	0.00098	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	85%		80-124%

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 (18-20)		
Lab Sample ID:	JD87492-7	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	92.9
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%		75-133%
2037-26-5	Toluene-D8	89%		79-125%
460-00-4	4-Bromofluorobenzene	81%		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.
(c) Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(d) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(e) 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 (18-20)		
Lab Sample ID:	JD87492-7	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
		Percent Solids:	92.9
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	7.1	2.2	0.45	mg/kg	1	05/02/24	05/04/24	KP	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56008
(2) Prep QC Batch: MP46327

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-4A (18-20)
Lab Sample ID: JD87492-7A
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 04/30/24
Date Received: 04/30/24
Percent Solids: 92.9

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	05/06/24	05/07/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56017
(2) Prep QC Batch: MP46405

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-4A (18-20)		
Lab Sample ID:	JD87492-7A	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
		Percent Solids:	92.9
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	7.70		su	1	05/03/24 09:16	IA	SW846 1312
Volume, SPLP Leachate	2.001		l	1	05/03/24 09:16	IA	SW846 1312
Weight, SPLP Leachate	0.1001		kg	1	05/03/24 09:16	IA	SW846 1312
Dry Weight, SPLP Leachate	0.09297		kg	1	05/03/24 09:16	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-4A (14-16)		
Lab Sample ID:	JD87492-8	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	91.0
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I257635.D	1	05/02/24 19:44	PS	n/a	n/a	VI10417
Run #2							

	Initial Weight
Run #1	6.7 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	ND	0.0082	mg/kg	
107-13-1	Acrylonitrile	ND	0.0082	mg/kg	
71-43-2	Benzene	ND	0.00041	mg/kg	
108-86-1	Bromobenzene	ND	0.0041	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0016	mg/kg	
75-25-2	Bromoform	ND	0.0041	mg/kg	
74-83-9	Bromomethane [b]	ND	0.0041	mg/kg	
78-93-3	2-Butanone (MEK) [c]	ND	0.0082	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0016	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0016	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0016	mg/kg	
75-15-0	Carbon disulfide	ND	0.0016	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0016	mg/kg	
108-90-7	Chlorobenzene	ND	0.0016	mg/kg	
75-00-3	Chloroethane [d]	ND	0.0041	mg/kg	
67-66-3	Chloroform	ND	0.0016	mg/kg	
74-87-3	Chloromethane [d]	ND	0.0041	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0016	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0016	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0016	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0016	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00082	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00082	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00082	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00082	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0041	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0041	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00082	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00082	mg/kg	
75-35-4	1,1-Dichloroethene [b]	ND	0.00082	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00082	mg/kg	
156-60-5	trans-1,2-Dichloroethene [b]	ND	0.00082	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-4A (14-16)		
Lab Sample ID:	JD87492-8	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	91.0
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	0.0016	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0016	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0016	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0016	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0016	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0016	mg/kg	
100-41-4	Ethylbenzene	ND	0.00082	mg/kg	
76-13-1	Freon 113	ND	0.0041	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0041	mg/kg	
591-78-6	2-Hexanone [e]	ND	0.0041	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0016	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0016	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00082	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [e]	ND	0.0041	mg/kg	
74-95-3	Methylene bromide	ND	0.0041	mg/kg	
75-09-2	Methylene chloride	ND	0.0041	mg/kg	
91-20-3	Naphthalene	ND	0.0041	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0016	mg/kg	
100-42-5	Styrene	ND	0.0016	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0016	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0016	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0016	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.0082	mg/kg	
108-88-3	Toluene	ND	0.00082	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0041	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0041	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0016	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0016	mg/kg	
79-01-6	Trichloroethene	ND	0.00082	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0041	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0041	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0016	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0016	mg/kg	
75-01-4	Vinyl chloride [d]	ND	0.0016	mg/kg	
	m,p-Xylene	ND	0.00082	mg/kg	
95-47-6	o-Xylene	ND	0.00082	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		80-124%

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 (14-16)		
Lab Sample ID:	JD87492-8	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	91.0
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	112%		75-133%
2037-26-5	Toluene-D8	87%		79-125%
460-00-4	4-Bromofluorobenzene	82%		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.
(c) Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(d) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(e) 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 (14-16)		
Lab Sample ID:	JD87492-8	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
		Percent Solids:	91.0
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	7.3	2.2	0.46	mg/kg	1	05/02/24	05/04/24	KP	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56008
(2) Prep QC Batch: MP46327

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-4A (14-16)
Lab Sample ID: JD87492-8A
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 04/30/24
Date Received: 04/30/24
Percent Solids: 91.0

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	05/06/24	05/07/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56017
(2) Prep QC Batch: MP46405

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-4A (14-16)		
Lab Sample ID:	JD87492-8A	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
		Percent Solids:	91.0
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	6.93		su	1	05/03/24 09:16	IA	SW846 1312
Volume, SPLP Leachate	2.001		l	1	05/03/24 09:16	IA	SW846 1312
Weight, SPLP Leachate	0.1000		kg	1	05/03/24 09:16	IA	SW846 1312
Dry Weight, SPLP Leachate	0.09104		kg	1	05/03/24 09:16	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-4A (8-10)		
Lab Sample ID:	JD87492-9	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	89.1
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I257636.D	1	05/02/24 20:06	PS	n/a	n/a	VI10417
Run #2							

	Initial Weight
Run #1	7.0 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	ND	0.0080	mg/kg	
107-13-1	Acrylonitrile	ND	0.0080	mg/kg	
71-43-2	Benzene	ND	0.00040	mg/kg	
108-86-1	Bromobenzene	ND	0.0040	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0016	mg/kg	
75-25-2	Bromoform	ND	0.0040	mg/kg	
74-83-9	Bromomethane [b]	ND	0.0040	mg/kg	
78-93-3	2-Butanone (MEK) [c]	ND	0.0080	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0016	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0016	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0016	mg/kg	
75-15-0	Carbon disulfide	ND	0.0016	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0016	mg/kg	
108-90-7	Chlorobenzene	ND	0.0016	mg/kg	
75-00-3	Chloroethane [d]	ND	0.0040	mg/kg	
67-66-3	Chloroform	ND	0.0016	mg/kg	
74-87-3	Chloromethane [d]	ND	0.0040	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0016	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0016	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0016	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0016	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00080	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00080	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00080	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00080	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0040	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0040	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00080	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00080	mg/kg	
75-35-4	1,1-Dichloroethene [b]	ND	0.00080	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00080	mg/kg	
156-60-5	trans-1,2-Dichloroethene [b]	ND	0.00080	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-4A (8-10)		
Lab Sample ID:	JD87492-9	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	89.1
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	0.0016	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0016	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0016	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0016	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0016	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0016	mg/kg	
100-41-4	Ethylbenzene	ND	0.00080	mg/kg	
76-13-1	Freon 113	ND	0.0040	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0040	mg/kg	
591-78-6	2-Hexanone [e]	ND	0.0040	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0016	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0016	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00080	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [e]	ND	0.0040	mg/kg	
74-95-3	Methylene bromide	ND	0.0040	mg/kg	
75-09-2	Methylene chloride	ND	0.0040	mg/kg	
91-20-3	Naphthalene	ND	0.0040	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0016	mg/kg	
100-42-5	Styrene	ND	0.0016	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0016	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0016	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0016	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.0080	mg/kg	
108-88-3	Toluene	ND	0.00080	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0040	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0040	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0016	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0016	mg/kg	
79-01-6	Trichloroethene	ND	0.00080	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0040	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0040	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0016	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0016	mg/kg	
75-01-4	Vinyl chloride [d]	ND	0.0016	mg/kg	
	m,p-Xylene	ND	0.00080	mg/kg	
95-47-6	o-Xylene	ND	0.00080	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		80-124%

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 (8-10)		
Lab Sample ID:	JD87492-9	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	89.1
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%		75-133%
2037-26-5	Toluene-D8	103%		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.
(c) Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(d) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(e) 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 (8-10)		
Lab Sample ID:	JD87492-9	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
		Percent Solids:	89.1
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	7.6	2.3	0.47	mg/kg	1	05/02/24	05/04/24	KP	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56008
(2) Prep QC Batch: MP46327

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-4A (8-10)
Lab Sample ID: JD87492-9A
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 04/30/24
Date Received: 04/30/24
Percent Solids: 89.1

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	05/06/24	05/07/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56017
(2) Prep QC Batch: MP46405

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW-4A (8-10)		
Lab Sample ID:	JD87492-9A	**Date Sampled:**	04/30/24
Matrix:	SO - Soil	**Date Received:**	04/30/24
		Percent Solids:	89.1
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	6.55		su	1	05/03/24 09:16	IA	SW846 1312
Volume, SPLP Leachate	2.005		l	1	05/03/24 09:16	IA	SW846 1312
Weight, SPLP Leachate	0.1003		kg	1	05/03/24 09:16	IA	SW846 1312
Dry Weight, SPLP Leachate	0.08934		kg	1	05/03/24 09:16	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD87492-10	**Date Sampled:**	04/30/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	04/30/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I257628.D	1	05/02/24 17:09	PS	n/a	n/a	VI10417
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	
75-27-4	Bromodichloromethane	ND	0.0020	mg/kg	
75-25-2	Bromoform	ND	0.0050	mg/kg	
74-83-9	Bromomethane [b]	ND	0.0050	mg/kg	
78-93-3	2-Butanone (MEK) [c]	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 [d]	ND	0.0050	mg/kg	
67-66-3	Chloroform	ND	0.0020	mg/kg	
74-87-3	Chloromethane [d]	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 [b]	ND	0.0010	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.0010	mg/kg	
156-60-5	trans-1,2-Dichloroethene [b]	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:	JD87492-10	**Date Sampled:**	04/30/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	04/30/24
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	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	
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 [e]	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 [e]	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	
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 [d]	ND	0.0020	mg/kg	
	m,p-Xylene	ND	0.0010	mg/kg	
95-47-6	o-Xylene	ND	0.0010	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-124%

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:	JD87492-10	**Date Sampled:**	04/30/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	04/30/24
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	112%		75-133%
2037-26-5	Toluene-D8	104%		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.
(c) Associated CCV outside of control limits high, sample was ND. Response factor for this compound is below 0.05 in the initial and continuing calibrations.
(d) Associated CCV outside of control limits high, sample was ND. This compound is outside the RCP limits in the associated BS biased high.
(e) 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:	TRIP BLANK		
Lab Sample ID:	JD87492-11	**Date Sampled:**	05/01/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C201113.D	1	05/07/24 13:30	PS	n/a	n/a	V1C8692
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	
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	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	
156-60-5	trans-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:	JD87492-11	**Date Sampled:**	05/01/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	05/01/24
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	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	
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	
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	
95-47-6	o-Xylene	ND	0.0010	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-124%

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:	JD87492-11	**Date Sampled:**	05/01/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	05/01/24
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	97%		75-133%
2037-26-5	Toluene-D8	99%		79-125%
460-00-4	4-Bromofluorobenzene	95%		58-148%

(a) 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-10(9-11)		
Lab Sample ID:	JD87492-12	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	90.6
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C201115.D	1	05/07/24 14:23	PS	n/a	n/a	V1C8692
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]	ND	0.0090	mg/kg	
107-13-1	Acrylonitrile	ND	0.0090	mg/kg	
71-43-2	Benzene	ND	0.00045	mg/kg	
108-86-1	Bromobenzene	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	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	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	
156-60-5	trans-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-10(9-11)		
Lab Sample ID:	JD87492-12	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	90.6
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
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)	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	
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	
95-47-6	o-Xylene	ND	0.00090	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-124%

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-10(9-11)		
Lab Sample ID:	JD87492-12	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	90.6
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		75-133%
2037-26-5	Toluene-D8	100%		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.

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-10(9-11)		
Lab Sample ID:	JD87492-12	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
		Percent Solids:	90.6
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	9.5	2.2	mg/kg	1	05/06/24	05/07/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56025
(2) Prep QC Batch: MP46389

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB-10(9-11)
Lab Sample ID: JD87492-12A
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 05/01/24
Date Received: 05/01/24
Percent Solids: 90.6

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	05/13/24	05/15/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56081
(2) Prep QC Batch: MP46578

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-10(9-11)		
Lab Sample ID:	JD87492-12A	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
		Percent Solids:	90.6
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	10.20		su	1	05/10/24 18:30	IA	SW846 1312
Volume, SPLP Leachate	2.002		l	1	05/10/24 18:30	IA	SW846 1312
Weight, SPLP Leachate	0.1001		kg	1	05/10/24 18:30	IA	SW846 1312
Dry Weight, SPLP Leachate	0.09069		kg	1	05/10/24 18:30	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-10(13-15)		
Lab Sample ID:	JD87492-13	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	85.6
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C201121.D	1	05/07/24 17:08	PS	n/a	n/a	V1C8692
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]	0.0091	0.0074	mg/kg	
107-13-1	Acrylonitrile	ND	0.0074	mg/kg	
71-43-2	Benzene	0.00040	0.00037	mg/kg	
108-86-1	Bromobenzene	ND	0.0037	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0015	mg/kg	
75-25-2	Bromoform	ND	0.0037	mg/kg	
74-83-9	Bromomethane	ND	0.0037	mg/kg	
78-93-3	2-Butanone (MEK) [a]	ND	0.0074	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	0.0037	mg/kg	
67-66-3	Chloroform	ND	0.0015	mg/kg	
74-87-3	Chloromethane	ND	0.0037	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	0.00074	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00074	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00074	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00074	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0037	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0037	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00074	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00074	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.00074	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00074	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.00074	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-10(13-15)		
Lab Sample ID:	JD87492-13	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	85.6
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
100-41-4	Ethylbenzene	0.0025	0.00074	mg/kg	
76-13-1	Freon 113	ND	0.0037	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0037	mg/kg	
591-78-6	2-Hexanone	ND	0.0037	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	0.00074	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0037	mg/kg	
74-95-3	Methylene bromide	ND	0.0037	mg/kg	
75-09-2	Methylene chloride	ND	0.0037	mg/kg	
91-20-3	Naphthalene	ND	0.0037	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0015	mg/kg	
100-42-5	Styrene	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	0.0074	mg/kg	
108-88-3	Toluene	ND	0.00074	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0037	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0037	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	0.00074	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0037	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0037	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	0.00074	mg/kg	
95-47-6	o-Xylene	ND	0.00074	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-124%

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-10(13-15)		
Lab Sample ID:	JD87492-13	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	85.6
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	96%		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.

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-10(13-15)		
Lab Sample ID:	JD87492-13	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
		Percent Solids:	85.6
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	13.2	2.4	mg/kg	1	05/06/24	05/07/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56025
(2) Prep QC Batch: MP46389

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-5(4-5)		
Lab Sample ID:	JD87492-14	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	85.0
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C201117.D	1	05/07/24 15:16	PS	n/a	n/a	V1C8692
Run #2							

	Initial Weight
Run #1	6.9 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0133	0.0085	mg/kg	
107-13-1	Acrylonitrile	ND	0.0085	mg/kg	
71-43-2	Benzene	ND	0.00043	mg/kg	
108-86-1	Bromobenzene	ND	0.0043	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0017	mg/kg	
75-25-2	Bromoform	ND	0.0043	mg/kg	
74-83-9	Bromomethane	ND	0.0043	mg/kg	
78-93-3	2-Butanone (MEK) [a]	ND	0.0085	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0017	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0017	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0017	mg/kg	
75-15-0	Carbon disulfide	ND	0.0017	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0017	mg/kg	
108-90-7	Chlorobenzene	ND	0.0017	mg/kg	
75-00-3	Chloroethane	ND	0.0043	mg/kg	
67-66-3	Chloroform	ND	0.0017	mg/kg	
74-87-3	Chloromethane	ND	0.0043	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0017	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0017	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0017	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0017	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00085	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00085	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00085	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00085	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0043	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0043	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00085	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00085	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.00085	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00085	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.00085	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-5(4-5)		
Lab Sample ID:	JD87492-14	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	85.0
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	0.0017	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0017	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0017	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0017	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0017	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0017	mg/kg	
100-41-4	Ethylbenzene	ND	0.00085	mg/kg	
76-13-1	Freon 113	ND	0.0043	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0043	mg/kg	
591-78-6	2-Hexanone	ND	0.0043	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0017	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0017	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00085	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0043	mg/kg	
74-95-3	Methylene bromide	ND	0.0043	mg/kg	
75-09-2	Methylene chloride	ND	0.0043	mg/kg	
91-20-3	Naphthalene	ND	0.0043	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0017	mg/kg	
100-42-5	Styrene	ND	0.0017	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0017	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0017	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0017	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.0085	mg/kg	
108-88-3	Toluene	ND	0.00085	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0043	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0043	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0017	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0017	mg/kg	
79-01-6	Trichloroethene	ND	0.00085	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0043	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0043	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0017	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0017	mg/kg	
75-01-4	Vinyl chloride	ND	0.0017	mg/kg	
	m,p-Xylene	ND	0.00085	mg/kg	
95-47-6	o-Xylene	ND	0.00085	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		80-124%

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-5(4-5)		
Lab Sample ID:	JD87492-14	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	85.0
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%		75-133%
2037-26-5	Toluene-D8	95%		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.

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-5(4-5)		
Lab Sample ID:	JD87492-14	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
		Percent Solids:	85.0
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	14.4	2.4	mg/kg	1	05/06/24	05/07/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56025
(2) Prep QC Batch: MP46389

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-5(4-5)		
Lab Sample ID:	JD87492-14A	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
		Percent Solids:	85.0
Project:	Eversource, Berlin, CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	05/13/24	05/15/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56081
(2) Prep QC Batch: MP46578

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-5(4-5)		
Lab Sample ID:	JD87492-14A	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
		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	3.22		su	1	05/10/24 18:30	IA	SW846 1312
Volume, SPLP Leachate	2.006		l	1	05/10/24 18:30	IA	SW846 1312
Weight, SPLP Leachate	0.1003		kg	1	05/10/24 18:30	IA	SW846 1312
Dry Weight, SPLP Leachate	0.08526		kg	1	05/10/24 18:30	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-2/MW-2A(10-12)		
Lab Sample ID:	JD87492-15	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	88.1
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1E181401.D	1	05/07/24 17:23	ED	n/a	n/a	V1E8829
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	12.5 g	10.0 ml	100 ul
Run #2			

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	0.52	mg/kg	
107-13-1	Acrylonitrile	ND	0.52	mg/kg	
71-43-2	Benzene	ND	0.026	mg/kg	
108-86-1	Bromobenzene	ND	0.26	mg/kg	
75-27-4	Bromodichloromethane	ND	0.10	mg/kg	
75-25-2	Bromoform	ND	0.26	mg/kg	
74-83-9	Bromomethane	ND	0.26	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.52	mg/kg	
104-51-8	n-Butylbenzene	0.123	0.10	mg/kg	
135-98-8	sec-Butylbenzene	ND	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	0.26	mg/kg	
67-66-3	Chloroform	ND	0.10	mg/kg	
74-87-3	Chloromethane [b]	ND	0.26	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	0.052	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.052	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.052	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.052	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene [c]	ND	0.26	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.26	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.052	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.052	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.052	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.052	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.052	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-2/MW-2A(10-12)		
Lab Sample ID:	JD87492-15	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	88.1
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
100-41-4	Ethylbenzene	0.820	0.052	mg/kg	
76-13-1	Freon 113 [d]	ND	0.26	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.26	mg/kg	
591-78-6	2-Hexanone	ND	0.26	mg/kg	
98-82-8	Isopropylbenzene	0.192	0.10	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.10	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.052	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.26	mg/kg	
74-95-3	Methylene bromide	ND	0.26	mg/kg	
75-09-2	Methylene chloride [d]	ND	0.26	mg/kg	
91-20-3	Naphthalene	0.547	0.26	mg/kg	
103-65-1	n-Propylbenzene	0.433	0.10	mg/kg	
100-42-5	Styrene	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	ND	0.52	mg/kg	
108-88-3	Toluene	0.0727	0.052	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.26	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.26	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	0.052	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.26	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.26	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	3.00	0.10	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	1.05	0.10	mg/kg	
75-01-4	Vinyl chloride	ND	0.10	mg/kg	
	m,p-Xylene	2.33	0.052	mg/kg	
95-47-6	o-Xylene	1.12	0.052	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-124%

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-2/MW-2A(10-12)		
Lab Sample ID:	JD87492-15	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	88.1
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		75-133%
2037-26-5	Toluene-D8	98%		79-125%
460-00-4	4-Bromofluorobenzene	92%		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 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.

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-2/MW-2A(10-12)		
Lab Sample ID:	JD87492-15	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
		Percent Solids:	88.1
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	10.1	2.4	mg/kg	1	05/06/24	05/07/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56025
(2) Prep QC Batch: MP46389

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-2(14-16)		
Lab Sample ID:	JD87492-16	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	91.0
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1E181402.D	1	05/07/24 17:50	ED	n/a	n/a	V1E8829
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	12.9 g	10.0 ml	100 ul
Run #2			

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	0.48	mg/kg	
107-13-1	Acrylonitrile	ND	0.48	mg/kg	
71-43-2	Benzene	ND	0.024	mg/kg	
108-86-1	Bromobenzene	ND	0.24	mg/kg	
75-27-4	Bromodichloromethane	ND	0.095	mg/kg	
75-25-2	Bromoform	ND	0.24	mg/kg	
74-83-9	Bromomethane	ND	0.24	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.48	mg/kg	
104-51-8	n-Butylbenzene	0.313	0.095	mg/kg	
135-98-8	sec-Butylbenzene	0.150	0.095	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.095	mg/kg	
75-15-0	Carbon disulfide	ND	0.095	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.095	mg/kg	
108-90-7	Chlorobenzene	ND	0.095	mg/kg	
75-00-3	Chloroethane	ND	0.24	mg/kg	
67-66-3	Chloroform	ND	0.095	mg/kg	
74-87-3	Chloromethane [b]	ND	0.24	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.095	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.095	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.095	mg/kg	
124-48-1	Dibromochloromethane	ND	0.095	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.048	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.048	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.048	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.048	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene [c]	ND	0.24	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.24	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.048	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.048	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.048	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.048	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.048	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-2(14-16)		
Lab Sample ID:	JD87492-16	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	91.0
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	0.095	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.095	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.095	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.095	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.095	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.095	mg/kg	
100-41-4	Ethylbenzene	2.73	0.048	mg/kg	
76-13-1	Freon 113 [d]	ND	0.24	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.24	mg/kg	
591-78-6	2-Hexanone	ND	0.24	mg/kg	
98-82-8	Isopropylbenzene	0.491	0.095	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.095	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.048	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.24	mg/kg	
74-95-3	Methylene bromide	ND	0.24	mg/kg	
75-09-2	Methylene chloride [d]	ND	0.24	mg/kg	
91-20-3	Naphthalene	1.34	0.24	mg/kg	
103-65-1	n-Propylbenzene	1.12	0.095	mg/kg	
100-42-5	Styrene	ND	0.095	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.095	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.095	mg/kg	
127-18-4	Tetrachloroethene	ND	0.095	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.48	mg/kg	
108-88-3	Toluene	0.260	0.048	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.24	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.24	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.095	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.095	mg/kg	
79-01-6	Trichloroethene	ND	0.048	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.24	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.24	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	8.18	0.095	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	2.80	0.095	mg/kg	
75-01-4	Vinyl chloride	ND	0.095	mg/kg	
	m,p-Xylene	10.1	0.048	mg/kg	
95-47-6	o-Xylene	4.18	0.048	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%

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-2(14-16)		
Lab Sample ID:	JD87492-16	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	91.0
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	95%		75-133%
2037-26-5	Toluene-D8	99%		79-125%
460-00-4	4-Bromofluorobenzene	92%		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 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.

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-2(14-16)		
Lab Sample ID:	JD87492-16	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
		Percent Solids:	91.0
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	6.6	1.5	mg/kg	1	05/06/24	05/07/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56025
(2) Prep QC Batch: MP46389

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-2(18-19.5)		
Lab Sample ID:	JD87492-17	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	91.4
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C201118.D	1	05/07/24 15:43	PS	n/a	n/a	V1C8692
Run #2							

	Initial Weight
Run #1	7.1 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	ND	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	
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) [a]	ND	0.0077	mg/kg	
104-51-8	n-Butylbenzene	0.0015	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	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	
156-60-5	trans-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-2(18-19.5)		
Lab Sample ID:	JD87492-17	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	91.4
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
100-41-4	Ethylbenzene	0.0035	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	0.0027	0.0015	mg/kg	
100-42-5	Styrene	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	0.0210	0.0015	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	0.0068	0.0015	mg/kg	
75-01-4	Vinyl chloride	ND	0.0015	mg/kg	
	m,p-Xylene	0.0143	0.00077	mg/kg	
95-47-6	o-Xylene	0.0050	0.00077	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		80-124%

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-2(18-19.5)		
Lab Sample ID:	JD87492-17	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
Method:	SW846 8260D	**Percent Solids:**	91.4
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%		75-133%
2037-26-5	Toluene-D8	98%		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.

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-2(18-19.5)		
Lab Sample ID:	JD87492-17	**Date Sampled:**	05/01/24
Matrix:	SO - Soil	**Date Received:**	05/01/24
		Percent Solids:	91.4
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	7.4	2.1	mg/kg	1	05/06/24	05/07/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56025
(2) Prep QC Batch: MP46389

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD87492-18	**Date Sampled:**	05/02/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C201114.D	1	05/07/24 13:57	PS	n/a	n/a	V1C8692
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	
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	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	
156-60-5	trans-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:	JD87492-18	**Date Sampled:**	05/02/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	05/02/24
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	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	
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	
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	
95-47-6	o-Xylene	ND	0.0010	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-124%

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:	JD87492-18	**Date Sampled:**	05/02/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	05/02/24
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	100%		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.

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-9 (7-9)		
Lab Sample ID:	JD87492-19	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	88.4
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C201119.D	1	05/07/24 16:09	PS	n/a	n/a	V1C8692
Run #2							

	Initial Weight
Run #1	6.8 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0117	0.0083	mg/kg	
107-13-1	Acrylonitrile	ND	0.0083	mg/kg	
71-43-2	Benzene	ND	0.00042	mg/kg	
108-86-1	Bromobenzene	ND	0.0042	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0017	mg/kg	
75-25-2	Bromoform	ND	0.0042	mg/kg	
74-83-9	Bromomethane	ND	0.0042	mg/kg	
78-93-3	2-Butanone (MEK) [a]	ND	0.0083	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0017	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0017	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0017	mg/kg	
75-15-0	Carbon disulfide	ND	0.0017	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0017	mg/kg	
108-90-7	Chlorobenzene	ND	0.0017	mg/kg	
75-00-3	Chloroethane	ND	0.0042	mg/kg	
67-66-3	Chloroform	ND	0.0017	mg/kg	
74-87-3	Chloromethane	ND	0.0042	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0017	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0017	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0017	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0017	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00083	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00083	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00083	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00083	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0042	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0042	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00083	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00083	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.00083	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00083	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.00083	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-9 (7-9)		
Lab Sample ID:	JD87492-19	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	88.4
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	0.0017	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0017	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0017	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0017	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0017	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0017	mg/kg	
100-41-4	Ethylbenzene	ND	0.00083	mg/kg	
76-13-1	Freon 113	ND	0.0042	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0042	mg/kg	
591-78-6	2-Hexanone	ND	0.0042	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0017	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0017	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00083	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0042	mg/kg	
74-95-3	Methylene bromide	ND	0.0042	mg/kg	
75-09-2	Methylene chloride	0.0044	0.0042	mg/kg	
91-20-3	Naphthalene	ND	0.0042	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0017	mg/kg	
100-42-5	Styrene	ND	0.0017	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0017	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0017	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0017	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.0083	mg/kg	
108-88-3	Toluene	ND	0.00083	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0042	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0042	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0017	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0017	mg/kg	
79-01-6	Trichloroethene	ND	0.00083	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0042	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0042	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0017	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0017	mg/kg	
75-01-4	Vinyl chloride	ND	0.0017	mg/kg	
	m,p-Xylene	ND	0.00083	mg/kg	
95-47-6	o-Xylene	ND	0.00083	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-124%

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-9 (7-9)		
Lab Sample ID:	JD87492-19	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	88.4
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	104%		75-133%
2037-26-5	Toluene-D8	97%		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.

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-9 (7-9)		
Lab Sample ID:	JD87492-19	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
		Percent Solids:	88.4
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	8.5	2.2	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-9 (7-9)		
Lab Sample ID:	JD87492-19A	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
		Percent Solids:	88.4
Project:	Eversource, Berlin, CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	05/13/24	05/15/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56081
(2) Prep QC Batch: MP46578

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-9 (7-9)		
Lab Sample ID:	JD87492-19A	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
		Percent Solids:	88.4
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	3.24		su	1	05/10/24 18:30	IA	SW846 1312
Volume, SPLP Leachate	2.008		l	1	05/10/24 18:30	IA	SW846 1312
Weight, SPLP Leachate	0.1004		kg	1	05/10/24 18:30	IA	SW846 1312
Dry Weight, SPLP Leachate	0.08875		kg	1	05/10/24 18:30	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-9 (13-13.5)		
Lab Sample ID:	JD87492-20	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	88.7
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C201123.D	1	05/07/24 18:02	PS	n/a	n/a	V1C8692
Run #2							

	Initial Weight
Run #1	6.8 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	ND	0.0083	mg/kg	
107-13-1	Acrylonitrile	ND	0.0083	mg/kg	
71-43-2	Benzene	ND	0.00041	mg/kg	
108-86-1	Bromobenzene	ND	0.0041	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0017	mg/kg	
75-25-2	Bromoform	ND	0.0041	mg/kg	
74-83-9	Bromomethane	ND	0.0041	mg/kg	
78-93-3	2-Butanone (MEK) [a]	ND	0.0083	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0017	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0017	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0017	mg/kg	
75-15-0	Carbon disulfide	ND	0.0017	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0017	mg/kg	
108-90-7	Chlorobenzene	ND	0.0017	mg/kg	
75-00-3	Chloroethane	ND	0.0041	mg/kg	
67-66-3	Chloroform	ND	0.0017	mg/kg	
74-87-3	Chloromethane	ND	0.0041	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0017	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0017	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0017	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0017	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00083	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00083	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00083	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00083	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0041	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0041	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00083	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00083	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.00083	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00083	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.00083	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-9 (13-13.5)		
Lab Sample ID:	JD87492-20	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	88.7
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	0.0017	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0017	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0017	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0017	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0017	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0017	mg/kg	
100-41-4	Ethylbenzene	ND	0.00083	mg/kg	
76-13-1	Freon 113	ND	0.0041	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0041	mg/kg	
591-78-6	2-Hexanone	ND	0.0041	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0017	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0017	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00083	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0041	mg/kg	
74-95-3	Methylene bromide	ND	0.0041	mg/kg	
75-09-2	Methylene chloride	ND	0.0041	mg/kg	
91-20-3	Naphthalene	ND	0.0041	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0017	mg/kg	
100-42-5	Styrene	ND	0.0017	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0017	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0017	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0017	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.0083	mg/kg	
108-88-3	Toluene	ND	0.00083	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0041	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0041	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0017	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0017	mg/kg	
79-01-6	Trichloroethene	ND	0.00083	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0041	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0041	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0017	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0017	mg/kg	
75-01-4	Vinyl chloride	ND	0.0017	mg/kg	
	m,p-Xylene	ND	0.00083	mg/kg	
95-47-6	o-Xylene	ND	0.00083	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-124%

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-9 (13-13.5)		
Lab Sample ID:	JD87492-20	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	88.7
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	94%		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.

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-9 (13-13.5)		
Lab Sample ID:	JD87492-20	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
		Percent Solids:	88.7
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	13.4	2.3	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-6 (9-11)		
Lab Sample ID:	JD87492-21	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	89.1
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C201124.D	1	05/07/24 18:28	PS	n/a	n/a	V1C8692
Run #2							

	Initial Weight
Run #1	7.7 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0177	0.0073	mg/kg	
107-13-1	Acrylonitrile	ND	0.0073	mg/kg	
71-43-2	Benzene	ND	0.00036	mg/kg	
108-86-1	Bromobenzene	ND	0.0036	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0015	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	0.0073	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	0.0036	mg/kg	
67-66-3	Chloroform	ND	0.0015	mg/kg	
74-87-3	Chloromethane	ND	0.0036	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	0.00073	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00073	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00073	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00073	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	0.00073	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00073	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.00073	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00073	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.00073	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-6 (9-11)		
Lab Sample ID:	JD87492-21	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	89.1
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
100-41-4	Ethylbenzene	ND	0.00073	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	0.0015	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0015	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00073	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	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	0.0015	mg/kg	
100-42-5	Styrene	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	0.0073	mg/kg	
108-88-3	Toluene	ND	0.00073	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	0.0015	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0015	mg/kg	
79-01-6	Trichloroethene	ND	0.00073	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	0.0015	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	0.00073	mg/kg	
95-47-6	o-Xylene	ND	0.00073	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		80-124%

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-6 (9-11)		
Lab Sample ID:	JD87492-21	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	89.1
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	102%		75-133%
2037-26-5	Toluene-D8	94%		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.

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-6 (9-11)		
Lab Sample ID:	JD87492-21	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
		Percent Solids:	89.1
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	8.0	2.2	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB-6 (9-11)
Lab Sample ID: JD87492-21A
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 05/02/24
Date Received: 05/02/24
Percent Solids: 89.1

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	05/13/24	05/15/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56081
(2) Prep QC Batch: MP46578

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-6 (9-11)		
Lab Sample ID:	JD87492-21A	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
		Percent Solids:	89.1
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	3.52		su	1	05/10/24 18:30	IA	SW846 1312
Volume, SPLP Leachate	2.006		l	1	05/10/24 18:30	IA	SW846 1312
Weight, SPLP Leachate	0.1003		kg	1	05/10/24 18:30	IA	SW846 1312
Dry Weight, SPLP Leachate	0.08937		kg	1	05/10/24 18:30	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-6 (19-20.5)		
Lab Sample ID:	JD87492-22	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	90.5
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1K16807.D	1	05/15/24 15:03	JN	n/a	n/a	V1K457
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	12.4 g	10.0 ml	100 ul
Run #2			

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	0.50	mg/kg	
107-13-1	Acrylonitrile	ND	0.50	mg/kg	
71-43-2	Benzene	ND	0.025	mg/kg	
108-86-1	Bromobenzene	ND	0.25	mg/kg	
75-27-4	Bromodichloromethane	ND	0.10	mg/kg	
75-25-2	Bromoform [b]	ND	0.25	mg/kg	
74-83-9	Bromomethane	ND	0.25	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.50	mg/kg	
104-51-8	n-Butylbenzene	ND	0.10	mg/kg	
135-98-8	sec-Butylbenzene	ND	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 [b]	ND	0.25	mg/kg	
67-66-3	Chloroform	ND	0.10	mg/kg	
74-87-3	Chloromethane	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	0.050	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.050	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.050	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.050	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	0.050	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.050	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.050	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.050	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.050	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-6 (19-20.5)		
Lab Sample ID:	JD87492-22	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	90.5
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
100-41-4	Ethylbenzene	0.312	0.050	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	ND	0.10	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.050	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	0.206	0.10	mg/kg	
100-42-5	Styrene	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	ND	0.50	mg/kg	
108-88-3	Toluene	ND	0.050	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	0.050	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	1.05	0.10	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	0.369	0.10	mg/kg	
75-01-4	Vinyl chloride [b]	ND	0.10	mg/kg	
	m,p-Xylene	0.864	0.050	mg/kg	
95-47-6	o-Xylene	0.119	0.050	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-124%

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-6 (19-20.5)		
Lab Sample ID:	JD87492-22	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	90.5
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	100%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	106%		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.

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-6 (19-20.5)		
Lab Sample ID:	JD87492-22	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
		Percent Solids:	90.5
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	5.8	2.2	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-6 (11-13)		
Lab Sample ID:	JD87492-23	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	90.7
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1K16808.D	1	05/15/24 15:28	JN	n/a	n/a	V1K457
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	12.6 g	10.0 ml	100 ul
Run #2			

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	0.49	mg/kg	
107-13-1	Acrylonitrile	ND	0.49	mg/kg	
71-43-2	Benzene	ND	0.024	mg/kg	
108-86-1	Bromobenzene	ND	0.24	mg/kg	
75-27-4	Bromodichloromethane	ND	0.098	mg/kg	
75-25-2	Bromoform [b]	ND	0.24	mg/kg	
74-83-9	Bromomethane	ND	0.24	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.49	mg/kg	
104-51-8	n-Butylbenzene	0.249	0.098	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.098	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.098	mg/kg	
75-15-0	Carbon disulfide	ND	0.098	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.098	mg/kg	
108-90-7	Chlorobenzene	ND	0.098	mg/kg	
75-00-3	Chloroethane [b]	ND	0.24	mg/kg	
67-66-3	Chloroform	ND	0.098	mg/kg	
74-87-3	Chloromethane	ND	0.24	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.098	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.098	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.098	mg/kg	
124-48-1	Dibromochloromethane	ND	0.098	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.049	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.049	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.049	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.049	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene [b]	ND	0.24	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.24	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.049	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.049	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.049	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.049	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.049	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-6 (11-13)		
Lab Sample ID:	JD87492-23	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	90.7
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	0.098	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.098	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.098	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.098	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.098	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.098	mg/kg	
100-41-4	Ethylbenzene	0.577	0.049	mg/kg	
76-13-1	Freon 113	ND	0.24	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.24	mg/kg	
591-78-6	2-Hexanone	ND	0.24	mg/kg	
98-82-8	Isopropylbenzene	0.194	0.098	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.098	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.049	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.24	mg/kg	
74-95-3	Methylene bromide	ND	0.24	mg/kg	
75-09-2	Methylene chloride	ND	0.24	mg/kg	
91-20-3	Naphthalene	0.604	0.24	mg/kg	
103-65-1	n-Propylbenzene	0.781	0.098	mg/kg	
100-42-5	Styrene	ND	0.098	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.098	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.098	mg/kg	
127-18-4	Tetrachloroethene	ND	0.098	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.49	mg/kg	
108-88-3	Toluene	ND	0.049	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.24	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.24	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.098	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.098	mg/kg	
79-01-6	Trichloroethene	ND	0.049	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.24	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.24	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	4.53	0.098	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	1.59	0.098	mg/kg	
75-01-4	Vinyl chloride [b]	ND	0.098	mg/kg	
	m,p-Xylene	1.42	0.049	mg/kg	
95-47-6	o-Xylene	0.126	0.049	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-124%

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-6 (11-13)		
Lab Sample ID:	JD87492-23	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	90.7
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	108%		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.

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-6 (11-13)		
Lab Sample ID:	JD87492-23	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
		Percent Solids:	90.7
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	9.4	2.1	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-6 (11-13)		
Lab Sample ID:	JD87492-23A	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
		Percent Solids:	90.7
Project:	Eversource, Berlin, CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 0.015		0.015	mg/l	1	05/16/24	05/17/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56109
(2) Prep QC Batch: MP46665

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-6 (11-13)		
Lab Sample ID:	JD87492-23A	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
		Percent Solids:	90.7
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	8.75		su	1	05/15/24 13:00	IA	SW846 1312
Volume, SPLP Leachate	2.003		l	1	05/15/24 13:00	IA	SW846 1312
Weight, SPLP Leachate	0.1002		kg	1	05/15/24 13:00	IA	SW846 1312
Dry Weight, SPLP Leachate	0.09085		kg	1	05/15/24 13:00	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-6 (17-19)		
Lab Sample ID:	JD87492-24	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	92.1
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1K16809.D	1	05/15/24 15:53	JN	n/a	n/a	V1K457
Run #2	1K16817.D	1	05/15/24 19:30	JN	n/a	n/a	V1K457

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	10.8 g	10.0 ml	100 ul
Run #2	10.8 g	10.0 ml	10.0 ul

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [b]	ND	0.55	mg/kg	
107-13-1	Acrylonitrile	ND	0.55	mg/kg	
71-43-2	Benzene	ND	0.027	mg/kg	
108-86-1	Bromobenzene	ND	0.27	mg/kg	
75-27-4	Bromodichloromethane	ND	0.11	mg/kg	
75-25-2	Bromoform [b]	ND	0.27	mg/kg	
74-83-9	Bromomethane	ND	0.27	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.55	mg/kg	
104-51-8	n-Butylbenzene	0.967	0.11	mg/kg	
135-98-8	sec-Butylbenzene	0.303	0.11	mg/kg	
98-06-6	tert-Butylbenzene	0.178	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	0.27	mg/kg	
67-66-3	Chloroform	ND	0.11	mg/kg	
74-87-3	Chloromethane	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	0.055	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.055	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.055	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.055	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	0.055	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.055	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.055	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.055	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.055	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-6 (17-19)		
Lab Sample ID:	JD87492-24	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	92.1
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
100-41-4	Ethylbenzene	4.19	0.055	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	0.759	0.11	mg/kg	
99-87-6	p-Isopropyltoluene	0.179	0.11	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.055	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	1.75	0.27	mg/kg	
103-65-1	n-Propylbenzene	2.86	0.11	mg/kg	
100-42-5	Styrene	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	0.55	mg/kg	
108-88-3	Toluene	ND	0.055	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	0.055	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	16.0 [c]	1.1	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	5.58	0.11	mg/kg	
75-01-4	Vinyl chloride [b]	ND	0.11	mg/kg	
	m,p-Xylene	11.5	0.055	mg/kg	
95-47-6	o-Xylene	1.46	0.055	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%	106%	80-124%

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-6 (17-19)		
Lab Sample ID:	JD87492-24	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	92.1
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	106%	100%	75-133%
2037-26-5	Toluene-D8	104%	100%	79-125%
460-00-4	4-Bromofluorobenzene	108%	107%	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-6 (17-19)		
Lab Sample ID:	JD87492-24	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
		Percent Solids:	92.1
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	9.0	2.2	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-14 (9-11)		
Lab Sample ID:	JD87492-25	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	88.8
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C201125.D	1	05/07/24 18:55	PS	n/a	n/a	V1C8692
Run #2							

	Initial Weight
Run #1	6.6 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0276	0.0085	mg/kg	
107-13-1	Acrylonitrile	ND	0.0085	mg/kg	
71-43-2	Benzene	ND	0.00043	mg/kg	
108-86-1	Bromobenzene	ND	0.0043	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0017	mg/kg	
75-25-2	Bromoform	ND	0.0043	mg/kg	
74-83-9	Bromomethane	ND	0.0043	mg/kg	
78-93-3	2-Butanone (MEK) [a]	ND	0.0085	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0017	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0017	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0017	mg/kg	
75-15-0	Carbon disulfide	ND	0.0017	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0017	mg/kg	
108-90-7	Chlorobenzene	ND	0.0017	mg/kg	
75-00-3	Chloroethane	ND	0.0043	mg/kg	
67-66-3	Chloroform	ND	0.0017	mg/kg	
74-87-3	Chloromethane	ND	0.0043	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0017	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0017	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0017	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0017	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00085	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00085	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00085	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00085	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0043	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0043	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00085	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00085	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.00085	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00085	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.00085	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-14 (9-11)		
Lab Sample ID:	JD87492-25	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	88.8
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	0.0017	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0017	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0017	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0017	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0017	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0017	mg/kg	
100-41-4	Ethylbenzene	ND	0.00085	mg/kg	
76-13-1	Freon 113	ND	0.0043	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0043	mg/kg	
591-78-6	2-Hexanone	ND	0.0043	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0017	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0017	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00085	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0043	mg/kg	
74-95-3	Methylene bromide	ND	0.0043	mg/kg	
75-09-2	Methylene chloride	ND	0.0043	mg/kg	
91-20-3	Naphthalene	ND	0.0043	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0017	mg/kg	
100-42-5	Styrene	ND	0.0017	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0017	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0017	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0017	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.0085	mg/kg	
108-88-3	Toluene	ND	0.00085	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0043	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0043	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0017	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0017	mg/kg	
79-01-6	Trichloroethene	ND	0.00085	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0043	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0043	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0017	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0017	mg/kg	
75-01-4	Vinyl chloride	ND	0.0017	mg/kg	
	m,p-Xylene	ND	0.00085	mg/kg	
95-47-6	o-Xylene	ND	0.00085	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		80-124%

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-14 (9-11)		
Lab Sample ID:	JD87492-25	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	88.8
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		75-133%
2037-26-5	Toluene-D8	104%		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.

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-14 (9-11)		
Lab Sample ID:	JD87492-25	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
		Percent Solids:	88.8
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	10.6	2.3	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-14 (9-11)		
Lab Sample ID:	JD87492-25A	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
		Percent Solids:	88.8
Project:	Eversource, Berlin, CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 0.015		0.015	mg/l	1	05/16/24	05/17/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56109
(2) Prep QC Batch: MP46665

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-14 (9-11)		
Lab Sample ID:	JD87492-25A	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
		Percent Solids:	88.8
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	8.81		su	1	05/15/24 13:00	IA	SW846 1312
Volume, SPLP Leachate	2.004		l	1	05/15/24 13:00	IA	SW846 1312
Weight, SPLP Leachate	0.1002		kg	1	05/15/24 13:00	IA	SW846 1312
Dry Weight, SPLP Leachate	0.08905		kg	1	05/15/24 13:00	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-14 (13-15)		
Lab Sample ID:	JD87492-26	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	90.4
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C201126.D	1	05/07/24 19:21	PS	n/a	n/a	V1C8692
Run #2							

	Initial Weight
Run #1	5.1 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0441	0.011	mg/kg	
107-13-1	Acrylonitrile	ND	0.011	mg/kg	
71-43-2	Benzene	ND	0.00054	mg/kg	
108-86-1	Bromobenzene	ND	0.0054	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0022	mg/kg	
75-25-2	Bromoform	ND	0.0054	mg/kg	
74-83-9	Bromomethane	ND	0.0054	mg/kg	
78-93-3	2-Butanone (MEK) [a]	ND	0.011	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0022	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0022	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0022	mg/kg	
75-15-0	Carbon disulfide	ND	0.0022	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0022	mg/kg	
108-90-7	Chlorobenzene	ND	0.0022	mg/kg	
75-00-3	Chloroethane	ND	0.0054	mg/kg	
67-66-3	Chloroform	ND	0.0022	mg/kg	
74-87-3	Chloromethane	ND	0.0054	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0022	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0022	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0022	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0022	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	0.0054	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0054	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	
156-60-5	trans-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-14 (13-15)		
Lab Sample ID:	JD87492-26	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	90.4
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	0.0022	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0022	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0022	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0022	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0022	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0022	mg/kg	
100-41-4	Ethylbenzene	ND	0.0011	mg/kg	
76-13-1	Freon 113	ND	0.0054	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0054	mg/kg	
591-78-6	2-Hexanone	ND	0.0054	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0022	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0022	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0011	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0054	mg/kg	
74-95-3	Methylene bromide	ND	0.0054	mg/kg	
75-09-2	Methylene chloride	ND	0.0054	mg/kg	
91-20-3	Naphthalene	ND	0.0054	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0022	mg/kg	
100-42-5	Styrene	ND	0.0022	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0022	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0022	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0022	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	0.0054	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0054	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0022	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0022	mg/kg	
79-01-6	Trichloroethene	ND	0.0011	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0054	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0054	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0022	mg/kg	
75-01-4	Vinyl chloride	ND	0.0022	mg/kg	
	m,p-Xylene	ND	0.0011	mg/kg	
95-47-6	o-Xylene	ND	0.0011	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-124%

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-14 (13-15)		
Lab Sample ID:	JD87492-26	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	90.4
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	95%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

(a) 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-14 (13-15)		
Lab Sample ID:	JD87492-26	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
		Percent Solids:	90.4
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	15.6	2.1	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-14 (13-15)-DUP		
Lab Sample ID:	JD87492-27	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	90.4
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C201127.D	1	05/07/24 19:48	PS	n/a	n/a	V1C8692
Run #2							

	Initial Weight
Run #1	5.6 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0377	0.0099	mg/kg	
107-13-1	Acrylonitrile	ND	0.0099	mg/kg	
71-43-2	Benzene	ND	0.00049	mg/kg	
108-86-1	Bromobenzene	ND	0.0049	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0020	mg/kg	
75-25-2	Bromoform	ND	0.0049	mg/kg	
74-83-9	Bromomethane	ND	0.0049	mg/kg	
78-93-3	2-Butanone (MEK) [a]	ND	0.0099	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	0.0049	mg/kg	
67-66-3	Chloroform	ND	0.0020	mg/kg	
74-87-3	Chloromethane	ND	0.0049	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	0.00099	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00099	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00099	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00099	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0049	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0049	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00099	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00099	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.00099	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00099	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.00099	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-14 (13-15)-DUP		
Lab Sample ID:	JD87492-27	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	90.4
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
100-41-4	Ethylbenzene	ND	0.00099	mg/kg	
76-13-1	Freon 113	ND	0.0049	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0049	mg/kg	
591-78-6	2-Hexanone	ND	0.0049	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	0.00099	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0049	mg/kg	
74-95-3	Methylene bromide	ND	0.0049	mg/kg	
75-09-2	Methylene chloride	ND	0.0049	mg/kg	
91-20-3	Naphthalene	ND	0.0049	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0020	mg/kg	
100-42-5	Styrene	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	0.0099	mg/kg	
108-88-3	Toluene	ND	0.00099	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0049	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0049	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	0.00099	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0049	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0049	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	0.00099	mg/kg	
95-47-6	o-Xylene	ND	0.00099	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		80-124%

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-14 (13-15)-DUP		
Lab Sample ID:	JD87492-27	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
Method:	SW846 8260D	**Percent Solids:**	90.4
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	100%		75-133%
2037-26-5	Toluene-D8	93%		79-125%
460-00-4	4-Bromofluorobenzene	90%		58-148%

(a) 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-14 (13-15)-DUP		
Lab Sample ID:	JD87492-27	**Date Sampled:**	05/02/24
Matrix:	SO - Soil	**Date Received:**	05/02/24
		Percent Solids:	90.4
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	13.9	2.3	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JD87492-28	**Date Sampled:**	05/03/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y207541.D	1	05/10/24 17:32	PS	n/a	n/a	VY9001
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 [a]	ND	0.010	mg/kg	
71-43-2	Benzene	ND	0.00050	mg/kg	
108-86-1	Bromobenzene	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 [a]	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	
156-60-5	trans-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:	JD87492-28	**Date Sampled:**	05/03/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	05/03/24
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	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	
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 [c]	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	
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 [a]	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	
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%

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:	JD87492-28	**Date Sampled:**	05/03/24
Matrix:	SO - Trip Blank Soil	**Date Received:**	05/03/24
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	97%		75-133%
2037-26-5	Toluene-D8	100%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

(a) 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 continuing calibration.
(c) 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-3 (5-7)		
Lab Sample ID:	JD87492-29	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	90.1
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y207542.D	1	05/10/24 17:54	PS	n/a	n/a	VY9001
Run #2							

	Initial Weight
Run #1	6.8 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0085	0.0082	mg/kg	
107-13-1	Acrylonitrile [b]	ND	0.0082	mg/kg	
71-43-2	Benzene	ND	0.00041	mg/kg	
108-86-1	Bromobenzene	ND	0.0041	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0016	mg/kg	
75-25-2	Bromoform	ND	0.0041	mg/kg	
74-83-9	Bromomethane	ND	0.0041	mg/kg	
78-93-3	2-Butanone (MEK) [c]	0.0092	0.0082	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0016	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0016	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0016	mg/kg	
75-15-0	Carbon disulfide	ND	0.0016	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0016	mg/kg	
108-90-7	Chlorobenzene	ND	0.0016	mg/kg	
75-00-3	Chloroethane	ND	0.0041	mg/kg	
67-66-3	Chloroform	ND	0.0016	mg/kg	
74-87-3	Chloromethane [b]	ND	0.0041	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0016	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0016	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0016	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0016	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00082	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00082	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00082	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00082	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0041	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0041	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00082	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00082	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.00082	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00082	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.00082	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-3 (5-7)		
Lab Sample ID:	JD87492-29	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	90.1
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	0.0016	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0016	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0016	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0016	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0016	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0016	mg/kg	
100-41-4	Ethylbenzene	ND	0.00082	mg/kg	
76-13-1	Freon 113	ND	0.0041	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0041	mg/kg	
591-78-6	2-Hexanone	ND	0.0041	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0016	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0016	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00082	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [d]	ND	0.0041	mg/kg	
74-95-3	Methylene bromide	ND	0.0041	mg/kg	
75-09-2	Methylene chloride	ND	0.0041	mg/kg	
91-20-3	Naphthalene	ND	0.0041	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0016	mg/kg	
100-42-5	Styrene	ND	0.0016	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0016	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0016	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0016	mg/kg	
109-99-9	Tetrahydrofuran [b]	ND	0.0082	mg/kg	
108-88-3	Toluene	ND	0.00082	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0041	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0041	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0016	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0016	mg/kg	
79-01-6	Trichloroethene	ND	0.00082	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0041	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0041	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0016	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0016	mg/kg	
75-01-4	Vinyl chloride	ND	0.0016	mg/kg	
	m,p-Xylene	ND	0.00082	mg/kg	
95-47-6	o-Xylene	ND	0.00082	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-124%

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-3 (5-7)		
Lab Sample ID:	JD87492-29	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	90.1
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		75-133%
2037-26-5	Toluene-D8	99%		79-125%
460-00-4	4-Bromofluorobenzene	99%		58-148%

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.
(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) Response factor for this compound is below 0.05 in the continuing calibration.
(d) 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-3 (5-7)		
Lab Sample ID:	JD87492-29	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	90.1
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	9.5	2.3	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-3 (5-7)		
Lab Sample ID:	JD87492-29A	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	90.1
Project:	Eversource, Berlin, CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 0.015		0.015	mg/l	1	05/16/24	05/17/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56109
(2) Prep QC Batch: MP46665

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-3 (5-7)		
Lab Sample ID:	JD87492-29A	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	90.1
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	9.13		su	1	05/15/24 13:00	IA	SW846 1312
Volume, SPLP Leachate	2.006		l	1	05/15/24 13:00	IA	SW846 1312
Weight, SPLP Leachate	0.1003		kg	1	05/15/24 13:00	IA	SW846 1312
Dry Weight, SPLP Leachate	0.09035		kg	1	05/15/24 13:00	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-3 (13-15)		
Lab Sample ID:	JD87492-30	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	93.6
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y207543.D	1	05/10/24 18:16	PS	n/a	n/a	VY9001
Run #2							

	Initial Weight
Run #1	6.0 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0095	0.0089	mg/kg	
107-13-1	Acrylonitrile [b]	ND	0.0089	mg/kg	
71-43-2	Benzene	ND	0.00045	mg/kg	
108-86-1	Bromobenzene	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) [c]	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	ND	0.0045	mg/kg	
67-66-3	Chloroform	ND	0.0018	mg/kg	
74-87-3	Chloromethane [b]	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	0.00089	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	0.0045	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0045	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	
156-60-5	trans-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:	SB-3 (13-15)		
Lab Sample ID:	JD87492-30	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	93.6
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
100-41-4	Ethylbenzene	ND	0.00089	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	0.00089	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [d]	ND	0.0045	mg/kg	
74-95-3	Methylene bromide	ND	0.0045	mg/kg	
75-09-2	Methylene chloride	0.0049	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	
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 [b]	ND	0.0089	mg/kg	
108-88-3	Toluene	ND	0.00089	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	0.00089	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	0.00089	mg/kg	
95-47-6	o-Xylene	ND	0.00089	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		80-124%

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-3 (13-15)		
Lab Sample ID:	JD87492-30	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	93.6
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		75-133%
2037-26-5	Toluene-D8	99%		79-125%
460-00-4	4-Bromofluorobenzene	99%		58-148%

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.
(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) Response factor for this compound is below 0.05 in the continuing calibration.
(d) 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-3 (13-15)		
Lab Sample ID:	JD87492-30	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	93.6
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	7.0	2.1	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB-3 (13-15)
Lab Sample ID: JD87492-30A
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 05/03/24
Date Received: 05/03/24
Percent Solids: 93.6

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	0.034		0.015	mg/l	1	05/16/24	05/17/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56109
(2) Prep QC Batch: MP46665

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-3 (13-15)		
Lab Sample ID:	JD87492-30A	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	93.6
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	7.61		su	1	05/15/24 13:00	IA	SW846 1312
Volume, SPLP Leachate	2.012		l	1	05/15/24 13:00	IA	SW846 1312
Weight, SPLP Leachate	0.1006		kg	1	05/15/24 13:00	IA	SW846 1312
Dry Weight, SPLP Leachate	0.09416		kg	1	05/15/24 13:00	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-3 (17-18.5)		
Lab Sample ID:	JD87492-31	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	93.7
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y207544.D	1	05/10/24 18:38	PS	n/a	n/a	VY9001
Run #2							

	Initial Weight
Run #1	5.8 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	ND	0.0092	mg/kg	
107-13-1	Acrylonitrile [a]	ND	0.0092	mg/kg	
71-43-2	Benzene	ND	0.00046	mg/kg	
108-86-1	Bromobenzene	ND	0.0046	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0018	mg/kg	
75-25-2	Bromoform	ND	0.0046	mg/kg	
74-83-9	Bromomethane	ND	0.0046	mg/kg	
78-93-3	2-Butanone (MEK) [b]	ND	0.0092	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	ND	0.0046	mg/kg	
67-66-3	Chloroform	ND	0.0018	mg/kg	
74-87-3	Chloromethane [a]	ND	0.0046	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	0.00092	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00092	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00092	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00092	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0046	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0046	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00092	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00092	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.00092	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00092	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.00092	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-3 (17-18.5)		
Lab Sample ID:	JD87492-31	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	93.7
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
100-41-4	Ethylbenzene	ND	0.00092	mg/kg	
76-13-1	Freon 113	ND	0.0046	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0046	mg/kg	
591-78-6	2-Hexanone	ND	0.0046	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	0.00092	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [c]	ND	0.0046	mg/kg	
74-95-3	Methylene bromide	ND	0.0046	mg/kg	
75-09-2	Methylene chloride	0.0047	0.0046	mg/kg	
91-20-3	Naphthalene	ND	0.0046	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0018	mg/kg	
100-42-5	Styrene	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 [a]	ND	0.0092	mg/kg	
108-88-3	Toluene	ND	0.00092	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0046	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0046	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	0.00092	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0046	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0046	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	0.00092	mg/kg	
95-47-6	o-Xylene	ND	0.00092	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		80-124%

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-3 (17-18.5)		
Lab Sample ID:	JD87492-31	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	93.7
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	99%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

(a) 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 continuing calibration.
(c) 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-3 (17-18.5)		
Lab Sample ID:	JD87492-31	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	93.7
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	6.1	2.1	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-3 (17-18.5)		
Lab Sample ID:	JD87492-31A	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	93.7
Project:	Eversource, Berlin, CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 0.015		0.015	mg/l	1	05/16/24	05/17/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56109
(2) Prep QC Batch: MP46665

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-3 (17-18.5)		
Lab Sample ID:	JD87492-31A	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	93.7
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	8.86		su	1	05/15/24 13:00	IA	SW846 1312
Volume, SPLP Leachate	2.013		l	1	05/15/24 13:00	IA	SW846 1312
Weight, SPLP Leachate	0.1001		kg	1	05/15/24 13:00	IA	SW846 1312
Dry Weight, SPLP Leachate	0.09429		kg	1	05/15/24 13:00	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-5 (5-7)		
Lab Sample ID:	JD87492-32	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	79.7
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y207545.D	1	05/10/24 19:00	PS	n/a	n/a	VY9001
Run #2							

	Initial Weight
Run #1	6.3 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 [a]	ND	0.010	mg/kg	
71-43-2	Benzene	ND	0.00050	mg/kg	
108-86-1	Bromobenzene	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 [a]	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	
156-60-5	trans-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:	SB-5 (5-7)		
Lab Sample ID:	JD87492-32	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	79.7
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
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 [c]	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	
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 [a]	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	
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%

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-5 (5-7)		
Lab Sample ID:	JD87492-32	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	79.7
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		75-133%
2037-26-5	Toluene-D8	99%		79-125%
460-00-4	4-Bromofluorobenzene	100%		58-148%

(a) 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 continuing calibration.
(c) 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-5 (5-7)		
Lab Sample ID:	JD87492-32	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	79.7
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	13.4	2.6	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-5 (5-7)		
Lab Sample ID:	JD87492-32A	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	79.7
Project:	Eversource, Berlin, CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 0.015		0.015	mg/l	1	05/16/24	05/17/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56109
(2) Prep QC Batch: MP46665

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-5 (5-7)		
Lab Sample ID:	JD87492-32A	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	79.7
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	7.85		su	1	05/15/24 13:00	IA	SW846 1312
Volume, SPLP Leachate	2.013		l	1	05/15/24 13:00	IA	SW846 1312
Weight, SPLP Leachate	0.1006		kg	1	05/15/24 13:00	IA	SW846 1312
Dry Weight, SPLP Leachate	0.08021		kg	1	05/15/24 13:00	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-5 (5-7)-DUP		
Lab Sample ID:	JD87492-33	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	74.5
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y207546.D	1	05/10/24 19:21	PS	n/a	n/a	VY9001
Run #2							

	Initial Weight
Run #1	6.6 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0120	0.010	mg/kg	
107-13-1	Acrylonitrile [b]	ND	0.010	mg/kg	
71-43-2	Benzene	ND	0.00051	mg/kg	
108-86-1	Bromobenzene	ND	0.0051	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0020	mg/kg	
75-25-2	Bromoform	ND	0.0051	mg/kg	
74-83-9	Bromomethane	ND	0.0051	mg/kg	
78-93-3	2-Butanone (MEK) [c]	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	0.0051	mg/kg	
67-66-3	Chloroform	ND	0.0020	mg/kg	
74-87-3	Chloromethane [b]	ND	0.0051	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	0.0051	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0051	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	
156-60-5	trans-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:	SB-5 (5-7)-DUP		
Lab Sample ID:	JD87492-33	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	74.5
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
100-41-4	Ethylbenzene	ND	0.0010	mg/kg	
76-13-1	Freon 113	ND	0.0051	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0051	mg/kg	
591-78-6	2-Hexanone	ND	0.0051	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 [d]	ND	0.0051	mg/kg	
74-95-3	Methylene bromide	ND	0.0051	mg/kg	
75-09-2	Methylene chloride	ND	0.0051	mg/kg	
91-20-3	Naphthalene	ND	0.0051	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0020	mg/kg	
100-42-5	Styrene	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 [b]	ND	0.010	mg/kg	
108-88-3	Toluene	ND	0.0010	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0051	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0051	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	0.0051	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0051	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	
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%

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-5 (5-7)-DUP		
Lab Sample ID:	JD87492-33	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	74.5
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		75-133%
2037-26-5	Toluene-D8	99%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.
(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) Response factor for this compound is below 0.05 in the continuing calibration.
(d) 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-5 (5-7)-DUP		
Lab Sample ID:	JD87492-33	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	74.5
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	13.1	2.7	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-5 (5-7)-DUP		
Lab Sample ID:	JD87492-33A	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	74.5
Project:	Eversource, Berlin, CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	05/21/24	05/21/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56136
(2) Prep QC Batch: MP46768

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-5 (5-7)-DUP		
Lab Sample ID:	JD87492-33A	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	74.5
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	5.60		su	1	05/16/24 11:59	IA	SW846 1312
Volume, SPLP Leachate	2.002		l	1	05/16/24 11:59	IA	SW846 1312
Weight, SPLP Leachate	0.1001		kg	1	05/16/24 11:59	IA	SW846 1312
Dry Weight, SPLP Leachate	0.07456		kg	1	05/16/24 11:59	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-5 (13-15)		
Lab Sample ID:	JD87492-34	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	89.5
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1K16667.D	1	05/11/24 16:17	JN	n/a	n/a	V1K453
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	9.8 g	10.0 ml	100 ul
Run #2			

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.63	mg/kg	
107-13-1	Acrylonitrile [b]	ND	0.63	mg/kg	
71-43-2	Benzene	ND	0.031	mg/kg	
108-86-1	Bromobenzene	ND	0.31	mg/kg	
75-27-4	Bromodichloromethane	ND	0.13	mg/kg	
75-25-2	Bromoform	ND	0.31	mg/kg	
74-83-9	Bromomethane	ND	0.31	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.63	mg/kg	
104-51-8	n-Butylbenzene	ND	0.13	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.13	mg/kg	
98-06-6	tert-Butylbenzene	ND	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	0.31	mg/kg	
67-66-3	Chloroform	ND	0.13	mg/kg	
74-87-3	Chloromethane	ND	0.31	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	0.063	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.063	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.063	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.063	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.31	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.31	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.063	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.063	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.063	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.063	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.063	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-5 (13-15)		
Lab Sample ID:	JD87492-34	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	89.5
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
100-41-4	Ethylbenzene	0.468	0.063	mg/kg	
76-13-1	Freon 113	ND	0.31	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.31	mg/kg	
591-78-6	2-Hexanone	ND	0.31	mg/kg	
98-82-8	Isopropylbenzene	ND	0.13	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.13	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.063	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.31	mg/kg	
74-95-3	Methylene bromide	ND	0.31	mg/kg	
75-09-2	Methylene chloride	ND	0.31	mg/kg	
91-20-3	Naphthalene	0.466	0.31	mg/kg	
103-65-1	n-Propylbenzene	0.198	0.13	mg/kg	
100-42-5	Styrene	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	ND	0.63	mg/kg	
108-88-3	Toluene	ND	0.063	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.31	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.31	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	0.063	mg/kg	
75-69-4	Trichlorofluoromethane [b]	ND	0.31	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.31	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	1.27	0.13	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	0.424	0.13	mg/kg	
75-01-4	Vinyl chloride [c]	ND	0.13	mg/kg	
	m,p-Xylene	1.41	0.063	mg/kg	
95-47-6	o-Xylene	0.525	0.063	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%

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-5 (13-15)		
Lab Sample ID:	JD87492-34	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	89.5
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	94%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	106%		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.

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-5 (13-15)		
Lab Sample ID:	JD87492-34	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	89.5
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	7.1	2.3	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB-5 (13-15)
Lab Sample ID: JD87492-34A
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 05/03/24
Date Received: 05/03/24
Percent Solids: 89.5

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	05/21/24	05/21/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56136
(2) Prep QC Batch: MP46768

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-5 (13-15)		
Lab Sample ID:	JD87492-34A	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	89.5
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	7.64		su	1	05/16/24 11:59	IA	SW846 1312
Volume, SPLP Leachate	2.005		l	1	05/16/24 11:59	IA	SW846 1312
Weight, SPLP Leachate	0.1002		kg	1	05/16/24 11:59	IA	SW846 1312
Dry Weight, SPLP Leachate	0.08971		kg	1	05/16/24 11:59	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-5 (15-17)		
Lab Sample ID:	JD87492-35	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	88.2
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I258021.D	1	05/13/24 20:02	PS	n/a	n/a	VI10430
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0109	0.010	mg/kg	
107-13-1	Acrylonitrile [b]	ND	0.010	mg/kg	
71-43-2	Benzene	ND	0.00052	mg/kg	
108-86-1	Bromobenzene	ND	0.0052	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0021	mg/kg	
75-25-2	Bromoform	ND	0.0052	mg/kg	
74-83-9	Bromomethane	ND	0.0052	mg/kg	
78-93-3	2-Butanone (MEK) [c]	ND	0.010	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	0.0052	mg/kg	
67-66-3	Chloroform	ND	0.0021	mg/kg	
74-87-3	Chloromethane	ND	0.0052	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	0.0010	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	0.0052	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0052	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 [b]	ND	0.0010	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.0010	mg/kg	
156-60-5	trans-1,2-Dichloroethene [b]	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:	SB-5 (15-17)		
Lab Sample ID:	JD87492-35	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	88.2
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
100-41-4	Ethylbenzene	0.0133	0.0010	mg/kg	
76-13-1	Freon 113	ND	0.0052	mg/kg	
87-68-3	Hexachlorobutadiene [b]	ND	0.0052	mg/kg	
591-78-6	2-Hexanone	ND	0.0052	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	0.0010	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.0052	mg/kg	
74-95-3	Methylene bromide	ND	0.0052	mg/kg	
75-09-2	Methylene chloride	ND	0.0052	mg/kg	
91-20-3	Naphthalene	0.0102	0.0052	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0021	mg/kg	
100-42-5	Styrene	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	0.010	mg/kg	
108-88-3	Toluene	0.0037	0.0010	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0052	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0052	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	0.0010	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0052	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0052	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	0.0116	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	0.0025	0.0021	mg/kg	
75-01-4	Vinyl chloride	ND	0.0021	mg/kg	
	m,p-Xylene	0.0316	0.0010	mg/kg	
95-47-6	o-Xylene	0.0170	0.0010	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-124%

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-5 (15-17)		
Lab Sample ID:	JD87492-35	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	88.2
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	122%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	96%		58-148%

(a) Associated CCV outside of control limits high. 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.
(c) Associated CCV outside of control limits high, sample was ND. 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-5 (15-17)		
Lab Sample ID:	JD87492-35	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	88.2
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	7.7	2.2	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB-5 (15-17)
Lab Sample ID: JD87492-35A
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 05/03/24
Date Received: 05/03/24
Percent Solids: 88.2

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	05/21/24	05/21/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56136
(2) Prep QC Batch: MP46768

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-5 (15-17)		
Lab Sample ID:	JD87492-35A	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	88.2
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	6.80		su	1	05/16/24 11:59	IA	SW846 1312
Volume, SPLP Leachate	2.003		l	1	05/16/24 11:59	IA	SW846 1312
Weight, SPLP Leachate	0.1002		kg	1	05/16/24 11:59	IA	SW846 1312
Dry Weight, SPLP Leachate	0.08834		kg	1	05/16/24 11:59	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-7 (11-13)		
Lab Sample ID:	JD87492-36	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	91.6
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y207547.D	1	05/10/24 19:43	PS	n/a	n/a	VY9001
Run #2							

	Initial Weight
Run #1	6.8 g
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone [a]	0.0137	0.0080	mg/kg	
107-13-1	Acrylonitrile [b]	ND	0.0080	mg/kg	
71-43-2	Benzene	ND	0.00040	mg/kg	
108-86-1	Bromobenzene	ND	0.0040	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0016	mg/kg	
75-25-2	Bromoform	ND	0.0040	mg/kg	
74-83-9	Bromomethane	ND	0.0040	mg/kg	
78-93-3	2-Butanone (MEK) [c]	ND	0.0080	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0016	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0016	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0016	mg/kg	
75-15-0	Carbon disulfide	ND	0.0016	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0016	mg/kg	
108-90-7	Chlorobenzene	ND	0.0016	mg/kg	
75-00-3	Chloroethane	ND	0.0040	mg/kg	
67-66-3	Chloroform	ND	0.0016	mg/kg	
74-87-3	Chloromethane [b]	ND	0.0040	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0016	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0016	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0016	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0016	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.00080	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.00080	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.00080	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.00080	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.0040	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0040	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.00080	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.00080	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.00080	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.00080	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.00080	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-7 (11-13)		
Lab Sample ID:	JD87492-36	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	91.6
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	0.0016	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0016	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0016	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0016	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0016	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0016	mg/kg	
100-41-4	Ethylbenzene	0.0080	0.00080	mg/kg	
76-13-1	Freon 113	ND	0.0040	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.0040	mg/kg	
591-78-6	2-Hexanone	ND	0.0040	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0016	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0016	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.00080	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [d]	ND	0.0040	mg/kg	
74-95-3	Methylene bromide	ND	0.0040	mg/kg	
75-09-2	Methylene chloride	ND	0.0040	mg/kg	
91-20-3	Naphthalene	ND	0.0040	mg/kg	
103-65-1	n-Propylbenzene	0.0024	0.0016	mg/kg	
100-42-5	Styrene	ND	0.0016	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0016	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0016	mg/kg	
127-18-4	Tetrachloroethene	ND	0.0016	mg/kg	
109-99-9	Tetrahydrofuran [b]	ND	0.0080	mg/kg	
108-88-3	Toluene	ND	0.00080	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0040	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0040	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0016	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0016	mg/kg	
79-01-6	Trichloroethene	ND	0.00080	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0040	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0040	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	0.0148	0.0016	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	0.0052	0.0016	mg/kg	
75-01-4	Vinyl chloride	ND	0.0016	mg/kg	
	m,p-Xylene	0.0243	0.00080	mg/kg	
95-47-6	o-Xylene	0.0097	0.00080	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		80-124%

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-7 (11-13)		
Lab Sample ID:	JD87492-36	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	91.6
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	95%		75-133%
2037-26-5	Toluene-D8	100%		79-125%
460-00-4	4-Bromofluorobenzene	99%		58-148%

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.
(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) Response factor for this compound is below 0.05 in the continuing calibration.
(d) 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-7 (11-13)		
Lab Sample ID:	JD87492-36	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	91.6
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	6.1	2.2	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB-7 (11-13)
Lab Sample ID: JD87492-36A
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 05/03/24
Date Received: 05/03/24
Percent Solids: 91.6

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	05/21/24	05/21/24	MM	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56136
(2) Prep QC Batch: MP46768

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-7 (11-13)		
Lab Sample ID:	JD87492-36A	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	91.6
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	7.10		su	1	05/16/24 11:59	IA	SW846 1312
Volume, SPLP Leachate	2.009		l	1	05/16/24 11:59	IA	SW846 1312
Weight, SPLP Leachate	0.1005		kg	1	05/16/24 11:59	IA	SW846 1312
Dry Weight, SPLP Leachate	0.09202		kg	1	05/16/24 11:59	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-7 (13-15)		
Lab Sample ID:	JD87492-37	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	90.2
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1K16669.D	1	05/11/24 17:08	JN	n/a	n/a	V1K453
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	12.6 g	10.0 ml	100 ul
Run #2			

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.49	mg/kg	
107-13-1	Acrylonitrile [b]	ND	0.49	mg/kg	
71-43-2	Benzene	ND	0.025	mg/kg	
108-86-1	Bromobenzene	ND	0.25	mg/kg	
75-27-4	Bromodichloromethane	ND	0.099	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	0.49	mg/kg	
104-51-8	n-Butylbenzene	0.781	0.099	mg/kg	
135-98-8	sec-Butylbenzene	0.181	0.099	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.099	mg/kg	
75-15-0	Carbon disulfide	ND	0.099	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.099	mg/kg	
108-90-7	Chlorobenzene	ND	0.099	mg/kg	
75-00-3	Chloroethane	ND	0.25	mg/kg	
67-66-3	Chloroform	ND	0.099	mg/kg	
74-87-3	Chloromethane	ND	0.25	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.099	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.099	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.099	mg/kg	
124-48-1	Dibromochloromethane	ND	0.099	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.049	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.049	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.049	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.049	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.25	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.25	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.049	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.049	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.049	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.049	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.049	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-7 (13-15)		
Lab Sample ID:	JD87492-37	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	90.2
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	0.099	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.099	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.099	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.099	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.099	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.099	mg/kg	
100-41-4	Ethylbenzene	0.408	0.049	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	0.112	0.099	mg/kg	
99-87-6	p-Isopropyltoluene	0.101	0.099	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.049	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	0.305	0.25	mg/kg	
103-65-1	n-Propylbenzene	0.568	0.099	mg/kg	
100-42-5	Styrene	ND	0.099	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.099	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.099	mg/kg	
127-18-4	Tetrachloroethene	ND	0.099	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.49	mg/kg	
108-88-3	Toluene	0.0901	0.049	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	0.099	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.099	mg/kg	
79-01-6	Trichloroethene	ND	0.049	mg/kg	
75-69-4	Trichlorofluoromethane [b]	ND	0.25	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.25	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	2.39	0.099	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	0.987	0.099	mg/kg	
75-01-4	Vinyl chloride [c]	ND	0.099	mg/kg	
	m,p-Xylene	1.22	0.049	mg/kg	
95-47-6	o-Xylene	0.165	0.049	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%

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-7 (13-15)		
Lab Sample ID:	JD87492-37	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	90.2
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	113%		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.

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-7 (13-15)		
Lab Sample ID:	JD87492-37	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	90.2
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	7.2	2.2	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID: SB-7 (13-15)
Lab Sample ID: JD87492-37A
Matrix: SO - Soil
Project: Eversource, Berlin, CT

Date Sampled: 05/03/24
Date Received: 05/03/24
Percent Solids: 90.2

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 15		15	ug/l	1	05/13/24	05/16/24	KP	SW846 6010D [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA56092
(2) Prep QC Batch: MP46578

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-7 (13-15)		
Lab Sample ID:	JD87492-37A	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	90.2
Project:	Eversource, Berlin, CT		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
SPLP Ratio for Extractables and Metals							
pH, SPLP Leachate	4.32		su	1	05/10/24 18:30	IA	SW846 1312
Volume, SPLP Leachate	2.000		l	1	05/10/24 18:30	IA	SW846 1312
Weight, SPLP Leachate	0.09998		kg	1	05/10/24 18:30	IA	SW846 1312
Dry Weight, SPLP Leachate	0.09018		kg	1	05/10/24 18:30	IA	SW846 1312

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-7 (15-17)		
Lab Sample ID:	JD87492-38	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	88.6
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1K16670.D	1	05/11/24 17:33	JN	n/a	n/a	V1K453
Run #2	1K16708.D	1	05/13/24 13:46	ED	n/a	n/a	V1K454

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	12.1 g	10.0 ml	100 ul
Run #2	12.1 g	10.0 ml	10.0 ul

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.53	mg/kg	
107-13-1	Acrylonitrile [b]	ND	0.53	mg/kg	
71-43-2	Benzene	0.0335	0.027	mg/kg	
108-86-1	Bromobenzene	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	0.53	mg/kg	
104-51-8	n-Butylbenzene	0.833	0.11	mg/kg	
135-98-8	sec-Butylbenzene	0.239	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	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	0.053	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.053	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.053	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.053	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.27	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.27	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.053	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.053	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.053	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.053	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.053	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-7 (15-17)		
Lab Sample ID:	JD87492-38	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	88.6
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
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	
100-41-4	Ethylbenzene	3.40	0.053	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	0.625	0.11	mg/kg	
99-87-6	p-Isopropyltoluene	0.140	0.11	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.053	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	1.55	0.27	mg/kg	
103-65-1	n-Propylbenzene	2.23	0.11	mg/kg	
100-42-5	Styrene	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	0.53	mg/kg	
108-88-3	Toluene	0.441	0.053	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	0.053	mg/kg	
75-69-4	Trichlorofluoromethane [b]	ND	0.27	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.27	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	13.0 [c]	1.1	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	4.20	0.11	mg/kg	
75-01-4	Vinyl chloride [d]	ND	0.11	mg/kg	
	m,p-Xylene	10.2	0.053	mg/kg	
95-47-6	o-Xylene	0.711	0.053	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%	106%	80-124%

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-7 (15-17)		
Lab Sample ID:	JD87492-38	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	88.6
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	100%	98%	75-133%
2037-26-5	Toluene-D8	103%	101%	79-125%
460-00-4	4-Bromofluorobenzene	108%	107%	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) Result is from Run# 2
(d) 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-7 (15-17)		
Lab Sample ID:	JD87492-38	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	88.6
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	9.3	2.2	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB-7 (15-17)-DUP		
Lab Sample ID:	JD87492-39	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	89.8
Project:	Eversource, Berlin, CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1K16671.D	1	05/11/24 17:58	JN	n/a	n/a	V1K453
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	10.3 g	10.0 ml	100 ul
Run #2			

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	0.60	mg/kg	
107-13-1	Acrylonitrile [b]	ND	0.60	mg/kg	
71-43-2	Benzene	0.0340	0.030	mg/kg	
108-86-1	Bromobenzene	ND	0.30	mg/kg	
75-27-4	Bromodichloromethane	ND	0.12	mg/kg	
75-25-2	Bromoform	ND	0.30	mg/kg	
74-83-9	Bromomethane	ND	0.30	mg/kg	
78-93-3	2-Butanone (MEK)	ND	0.60	mg/kg	
104-51-8	n-Butylbenzene	0.514	0.12	mg/kg	
135-98-8	sec-Butylbenzene	0.141	0.12	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.12	mg/kg	
75-15-0	Carbon disulfide	ND	0.12	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.12	mg/kg	
108-90-7	Chlorobenzene	ND	0.12	mg/kg	
75-00-3	Chloroethane	ND	0.30	mg/kg	
67-66-3	Chloroform	ND	0.12	mg/kg	
74-87-3	Chloromethane	ND	0.30	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.12	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.12	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.12	mg/kg	
124-48-1	Dibromochloromethane	ND	0.12	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.060	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.060	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.060	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.060	mg/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	0.30	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.30	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.060	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.060	mg/kg	
75-35-4	1,1-Dichloroethene	ND	0.060	mg/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.060	mg/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.060	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-7 (15-17)-DUP		
Lab Sample ID:	JD87492-39	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	89.8
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	0.12	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.12	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.12	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.12	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.12	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.12	mg/kg	
100-41-4	Ethylbenzene	1.54	0.060	mg/kg	
76-13-1	Freon 113	ND	0.30	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.30	mg/kg	
591-78-6	2-Hexanone	ND	0.30	mg/kg	
98-82-8	Isopropylbenzene	0.319	0.12	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.12	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.060	mg/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	0.30	mg/kg	
74-95-3	Methylene bromide	ND	0.30	mg/kg	
75-09-2	Methylene chloride	ND	0.30	mg/kg	
91-20-3	Naphthalene	0.617	0.30	mg/kg	
103-65-1	n-Propylbenzene	1.22	0.12	mg/kg	
100-42-5	Styrene	ND	0.12	mg/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.12	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.12	mg/kg	
127-18-4	Tetrachloroethene	ND	0.12	mg/kg	
109-99-9	Tetrahydrofuran	ND	0.60	mg/kg	
108-88-3	Toluene	0.371	0.060	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.30	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.30	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.12	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.12	mg/kg	
79-01-6	Trichloroethene	ND	0.060	mg/kg	
75-69-4	Trichlorofluoromethane [b]	ND	0.30	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.30	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	6.41	0.12	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	2.20	0.12	mg/kg	
75-01-4	Vinyl chloride [c]	ND	0.12	mg/kg	
	m,p-Xylene	5.05	0.060	mg/kg	
95-47-6	o-Xylene	0.539	0.060	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%

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-7 (15-17)-DUP		
Lab Sample ID:	JD87492-39	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
Method:	SW846 8260D	**Percent Solids:**	89.8
Project:	Eversource, Berlin, CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	107%		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.

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-7 (15-17)-DUP		
Lab Sample ID:	JD87492-39	**Date Sampled:**	05/03/24
Matrix:	SO - Soil	**Date Received:**	05/03/24
		Percent Solids:	89.8
Project:	Eversource, Berlin, CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	12.0	2.1	mg/kg	1	05/09/24	05/09/24	MM	SW846 6010D [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA56050
(2) Prep QC Batch: MP46484

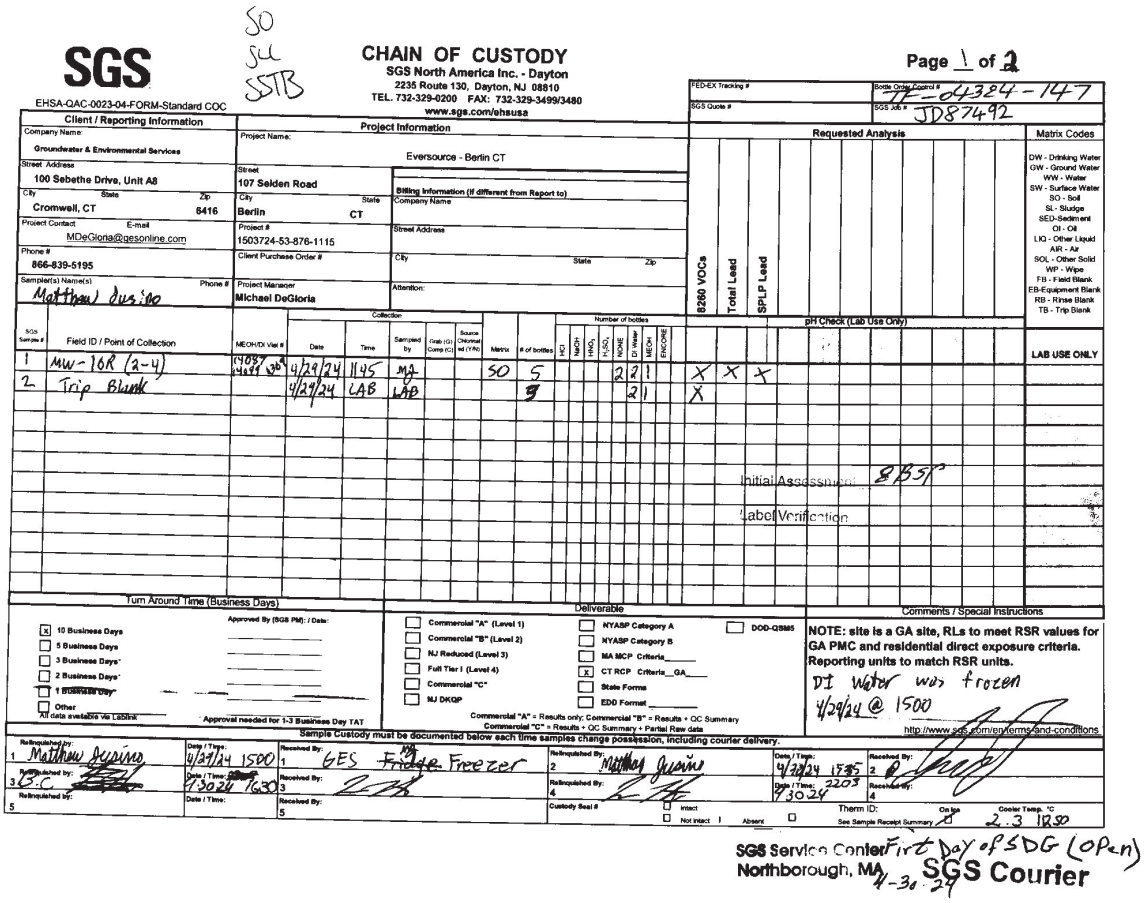
RL = Reporting Limit

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

SO
SLL
SSTB

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 2

FED-EX Tracking #

Bottle Order Control # TE-64324-147

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 Aguino 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

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 Chemical ad (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	MW-16R (2-4)	14087 JM 14088 JM	4/29/24	1145	MA			SO	5					2	2	1		X X X	
2	Trip Blank		4/29/24	LAB	LAB				3						2	1		X	

Initial Assessment: 8.35°
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

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 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.
DI water was frozen
4/29/24 @ 1500

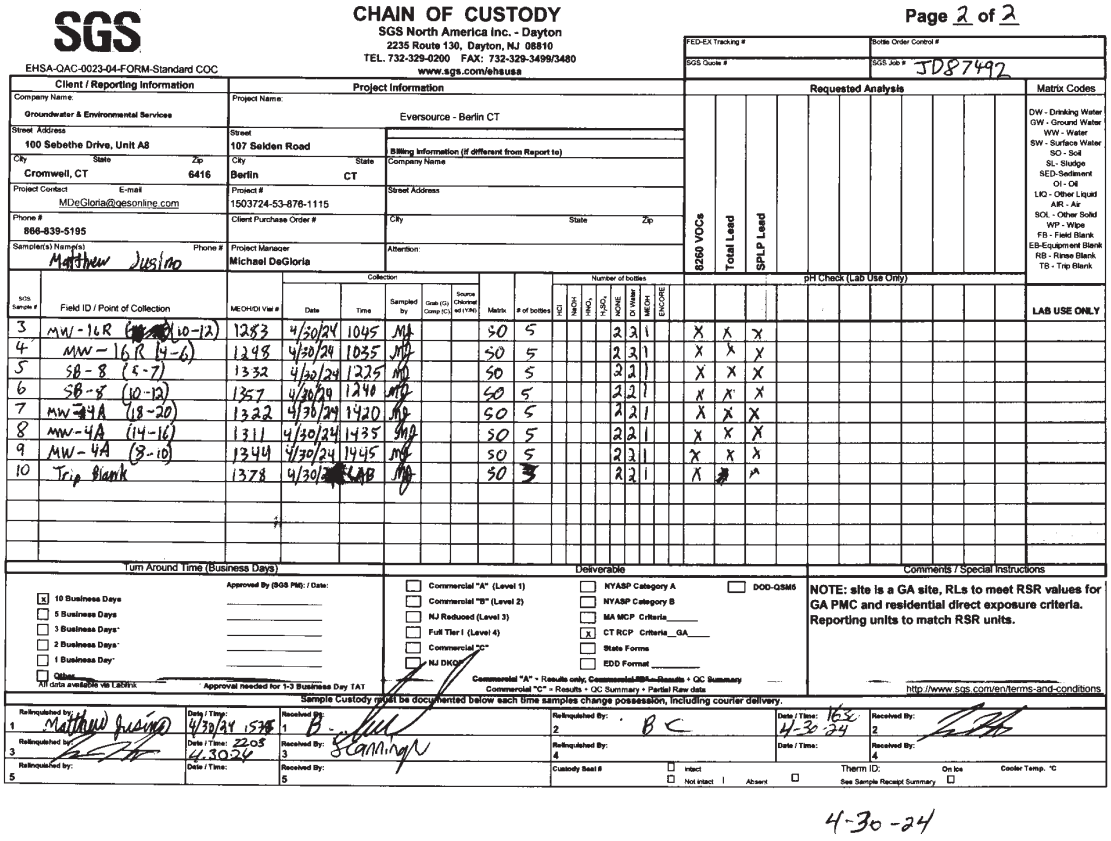
http://www.sgs.com/en/terms-and-conditions

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	Matthew Aguino	4/29/24 1500	1 GES Fridge Freezer	2 Matthew Aguino	4/29/24 1585	2
3	S.C.	4.30.24 1630	3	4	4.30.24 2203	4
5		Date / Time:	5	Custody Seal #	Intact / Not Intact / Absent	Therm ID: / See Sample Receipt Summary	On Ice / Cooler Temp. °C: 2.3 1830

SGS Service Center Northborough, MA
First Day of SDG (Open) 4-30-24
SGS Courier

5.1 5



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 2 of 2

FED-EX Tracking #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: JD87492

Client / Reporting Information

Company Name: Groundwater & Environmental Services
Street Address: 100 Sebethe Drive, Unit A8
City: Cromwell, State: CT, Zip: 6416
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 #: 1503724-53-876-1115
Client Purchase Order #:
Project Manager: Michael DeGloria

Billing Information (if different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis

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 Chlorine (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
3	MW-16R (10-12)	1283	4/30/24	1045	MA			SO	5					2	3	1		X X X	
4	MW-16R (4-6)	1298	4/30/24	1035	MA			SO	5					2	3	1		X X X	
5	SB-8 (5-7)	1332	4/30/24	1225	MA			SO	5					2	2	1		X X X	
6	SB-8 (10-12)	1357	4/30/24	1240	MA			SO	5					2	2	1		X X X	
7	MW-4A (18-20)	1322	4/30/24	1420	MA			SO	5					2	2	1		X X X	
8	MW-4A (14-16)	1311	4/30/24	1435	MA			SO	5					2	2	1		X X X	
9	MW-4A (8-10)	1344	4/30/24	1445	MA			SO	5					2	2	1		X X X	
10	Trip Blank	1378	4/30/24	LAB	MA			SO	3					2	2	1		X 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 Labnk. 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

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 Jusino	4/30/24 1535	B
2	B C	4-30-24 1625	
3		4.30.24 2205	Flanning
4		Date / Time:	
5		Date / Time:	

Custody Seal #: [ ] Intact [ ] Not Intact | Absent [ ]
Therm ID: On Ice | Cooler Temp. °C
See Sample Receipt Summary [ ]

4-30-24

5.1 5

SGS Sample Receipt Summary

Job Number: jd87492 **Client:** GROUNDWATER & ENVIRONMENTAL S **Project:** EVERSOURCE, BERLIN, CT

Date / Time Received: 4/30/2024 10:03:00 PM **Delivery Method:** SGS COURIER **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 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

SGS Sample Receipt Summary

Job Number: jd87492 **Client:** GROUNDWATER & ENVIRONMENTAL S **Project:** EVERSOURCE, BERLIN, CT

Date / Time Received: 5/2/2024 **Delivery Method:** SGS COURIER **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 3: (2.0);

Cooler Temps (Corrected) °C: Cooler 3: (2.4);

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

SGS Sample Receipt Summary

Job Number: jd87492 **Client:** GROUNDWATER & ENVIRONMENTAL S **Project:** EVERSOURCE, BERLIN, CT

Date / Time Received: 5/1/2024 11:05:00 PM **Delivery Method:** SGS COURIER **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 2: (2.1);

Cooler Temps (Corrected) °C: Cooler 2: (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 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

SGS Sample Receipt Summary

Job Number: jd87492 **Client:** GROUNDWATER & ENVIRONMENTAL S **Project:** EVERSOURCE, BERLIN, CT

Date / Time Received: 5/3/2024 10:34:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 4: (2.3);

Cooler Temps (Corrected) °C: Cooler 4: (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 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

SO
SLL
SSTB

SGS

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
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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 #: 772-04324-147
Bottle Order Control #:
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 Wayne Contrady
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

	8260 VOCs	Total Lead	SPLP Lead
11 Trip Blank	X		
~~SB-2(6-7)~~	~~X~~	~~X~~	~~X~~
12 SB-10 (9-11)	X	X	X
13 SB-10 (13-15)	X	X	X
14 SB-5 (4-5)	X	X	X
15 SB-2/MW-27 (10-12)	X	X	X
16 SB-2(14-16)	X	X	X
17 SB-2(18-19.5)	X	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

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
11	Trip Blank	1323	2/28/24	LAB	LAB			TB	3						2	1			
~~SB-2(6-7)~~		~~1302~~	~~5/1/24~~	~~0955~~	~~MF~~			~~SO~~	~~5~~					~~2~~	~~2~~	~~1~~			
12	SB-10 (9-11)	1260	5/1/24	1100	MF			SO	5					2	2	1			
13	SB-10 (13-15)	1383	5/1/24	1115	MF			SO	5					2	2	1			
14	SB-5 (4-5)	1288	5/1/24	1157	MF			SO	5					2	2	1			
15	SB-2/MW-27 (10-12)	1237	5/1/24	1320	MF			SO	5					2	2	1			
16	SB-2(14-16)	1250	5/1/24	1330	MF			SO	5					2	2	1			
17	SB-2(18-19.5)	1257	5/1/24	1345	MF			SO	5					2	2	1			

Initial Assessment: MB2B
Label Verification:

LAB USE ONLY: 455, 473, 4083, 4085

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 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.

5-1-24 SGS Service Center Northborough, MA
SGS Courier

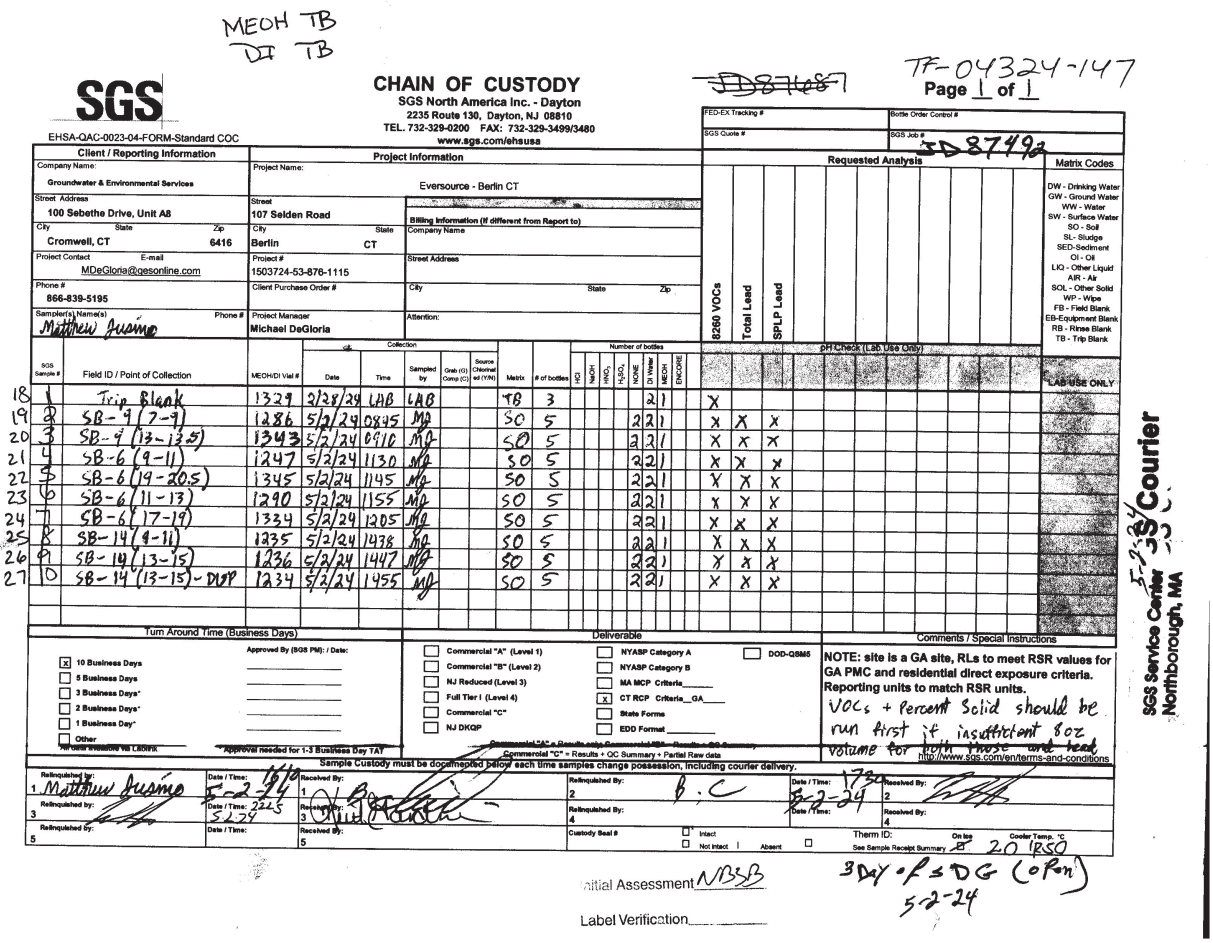
http://www.sgs.com/en/terms-and-conditions

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	Matthew Fusino	5/1/24 1700	1	2	5-1-24 1800	2
3		5/1/24 2305	3	4		4
5			5	Custody Seal #	Intact / Not intact / Absent	Therm ID: On Ice: Cooler Temp. °C: 2.1 1250

See Sample Receipt Summary

DoY2 SDG (Open)



MEOH TB
DI TB

SGS

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
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www.sgs.com/ehsusa

~~JD87492~~ TF-04324-147

Page 1 of 1

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

FED-EX Tracking #: | Bottle Order Control #:
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 Juarez 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

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	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)	LAB USE ONLY
18	1 Trip Blank	1329	2/28/24	LAB	LAB			TB	3					2	1		X	
19	2 SB-4 (7-9)	1286	5/2/24	0845	MG			SO	5				2	2	1		X X X	
20	3 SB-4 (13-13.5)	1343	5/2/24	0916	MG			SO	5				2	2	1		X X X	
21	4 SB-6 (9-11)	1247	5/2/24	1130	MG			SO	5				2	2	1		X X X	
22	5 SB-6 (19-20.5)	1345	5/2/24	1145	MG			SO	5				2	2	1		X X X	
23	6 SB-6 (11-13)	1290	5/2/24	1155	MG			SO	5				2	2	1		X X X	
24	7 SB-6 (17-19)	1334	5/2/24	1205	MG			SO	5				2	2	1		X X X	
25	8 SB-14 (9-11)	1235	5/2/24	1438	MG			SO	5				2	2	1		X X X	
26	9 SB-14 (13-15)	1236	5/2/24	1447	MG			SO	5				2	2	1		X X X	
27	10 SB-14 (13-15)-DUP	1234	5/2/24	1455	MG			SO	5				2	2	1		X 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

* 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 "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.
VOCs + Percent Solid should be run first if insufficient 8oz volume for both those and lead

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 Matthew Juarez	5-2-24 1710	1	2	5-2-24 1730	2
3	5-2-24 2225	3	4		4
5		5	Custody Seal #	Intact / Not Intact / Absent	Therm ID: On Ice / Cooler Temp. °C: 2.0 IR50

See Sample Receipt Summary

Initial Assessment NBSB

Label Verification

3 DAY TAT ≤ 10 G (OPen) 5-2-24

SGS Service Center 35 Courier
Northborough, MA

5.1 5

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