SESI
CONSULTING ENGINEERS

Geotechnical
Environmental
Site Civil

959 Route 46E, Fl 3, Ste 300
Parsippany, NJ 07054
973.808.9050
www.sesi.org

Pre Design Investigation Delineation Sampling Work Plan

For

Ossining Gas Works DPW Site
BCP No. C360172
30 Water Street
Ossining, Westchester County, NY

Prepared for:

WB 30 Water Street, LLC

May 2025

SESI Project No:
11498

CERTIFICATIONS

I, Fuad Dahan, certify that I am currently a NYS registered professional engineer as defined in 6 NYCRR Part 375 and that this Pre Design Investigation Delineation Sampling Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10)

Fuad Dahan	5/14/2025	
NYS Professional Engineer	Date	Signature
(# 090531)		

It is a violation of Article 130 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 130, New York State Education

Table of Contents

FIGURES

TABLES

ATTACHMENTS

LIST OF ACRONYMS

Acronym	Definition
BCP	Brownfield Cleanup Program
ft-bgs	Feet below grade surface
ISS	In Situ Solidification
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PAH	Polycyclic Aromatic Hydrocarbon
PDI	Pre Design Investigation
PGW	Protection of Groundwater
RAWP	Remedial Action Work Plan
RDWP	Remedial Design Work Plan
RRSCO	Restricted Residential Soil Cleanup Objectives
SCO	Soil Cleanup Objective

1.0 INTRODUCTION AND PURPOSE

WB 30 Water Street, LLC (the "Volunteer") entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) on April 8, 2024 to investigate and remediate a portion of the Former Ossining Works Site, Operable Unit 1 (OU-1), which is now known as the Former Ossining Gas Works DWP BCP Site No. C360172 (hereinafter referred to as the "Site" or "BCP Site"). The Site, along with the remainder of OU-1 and Operable Units OU-2 and OU-3, has previously been subject to Consent Order No. CO 0-20180516-519 with Consolidated Edison Company of New York, Inc. ("Con Edison"). The Site has been removed from the Consent Order in order for the Site to enter the Brownfield Cleanup Program (BCP) but the remainder of OU-1, OU-2 and OU-3 remain subject to the Con Edison Consent Order.

This is a Pre Design Investigation (PDI) Sampling Work Plan to delineate soils exceeding the Protection of Groundwater (PGW) Soil Cleanup Objectives (SCOs) pre-remediation, which includes excavation or in situ solidification stabilization (ISS) mixing.

2.0 OBJECTIVES, SCOPE AND RATIONALE

The Scope of work of this PDI Delineation Sampling Work Plan is to detail the delineation for pre-remediation areas through the advancement of borings and test pits. The delineation observations and sampling will determine the method of remediation required in each area. The work will be completed in conformance of the Remedial Action Work Plan (RAWP) approved by the NYSDEC on February 14, 2025.

3.0 DELINEATION OF PAH-IMPACTED AREAS PRE-REMEDIATION

The information below details the boring delineation prior to remediating three (3) areas for polycyclic aromatic hydrocarbons (PAH) impacts. Pre-excavation delineation sampling around B-10 (Excavation C), B-11 (Excavation B) and SB-23B (Excavation D) is planned to be completed as outlined in **Table 3.1** below. Samples will be collected for PAHs only.

Table 3.1 Proposed Soil Boring Sample Summary

Location	**Sample ID**	**Depth of Sample (ft-bgs)**	**Analytical Procedures** Sampling Method
Excavation B	B-11-10'N (2.5-3')	2.5-3.0	PAHs (EPA Method 8270) Grab
Excavation B	B-11-10'E (2.5-3')	2.5-3.0	
Excavation B	B-11-10'S (2.5-3')	2.5-3.0	
Excavation B	B-11-10'W (2.5-3')	2.5-3.0	
Excavation C	B-10-10'N (10.5-11')	10.5-11.0	
Excavation C	B-10-10'E (10.5-11')	10.5-11.0	
Excavation C	B-10-10'S (10.5-11')	10.5-11.0	
Excavation C	B-10-10'W (10.5-11')	10.5-11.0	
Excavation D	SB-23B-10'N (5.5-6.2')	5.5-6.2	
Excavation D	SB-23B-10'E (5.5-6.2')	5.5-6.2	
Excavation D	SB-23B-10'S (5.5-6.2')	5.5-6.2	
Excavation D	SB-23B-10'W (5.5-6.2')	5.5-6.2	
QA/QC	Duplicate-1	TBD	
QA/QC	MS/MSD-1	TBD	

- Up to one (1) duplicate sample and one (1) Matrix Spike/Matrix Spike Duplicate (MS/MSD) will be collected for every 20 samples for QA/QC. Therefore, it is anticipated that one (1) duplicate and one (1) MS/MSD will be required for this sampling as noted in Table 3.1 above.
- All borings will be documented for lithology; visual observations including products, staining etc.; odors and PID readings.
- The sample analytical results will be compared to PGWSCO and the results will determine the extent of remediation required by excavation or if the remedy should be modified to include these area(s) for ISS.
- Should bedrock be encountered prior to the sample depth in any area, an additional boring will be advanced adjacent to confirm the bedrock refusal depth. Bedrock will then be documented in lieu of sample collection.
- All spoils will be placed in 55-gallon drums and all reuseable equipment will be properly decontaminated.
- Each boring will be backfilled upon completion.

The proposed boring sample locations are provided as **Figure 3.1**

4.0 DELINEATION OF EASTERN EXCAVATION

The information below details the test pit sampling delineation of the eastern four (4)-foot excavation. The remediation plan for this area included 4 foot excavation per the RAWP and the collection of post excavation samples. The 4-ft excavation was completed on April 8, 2025. The post excavation samples were collected on April 11, 2025 and resulted in PGW exceedances of benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene. As a result, one (1) additional foot of soil was excavated vertically, two (2) additional feet horizontally to the east and one (1) additional foot of soil to the south. Post excavation samples were then collected on April 18, 2025. The second round of post excavation samples resulted in exceedances of the PGW, specifically for the same PAHs, with the exception of naphthalene which is not considered a PAH contaminant of concern per the RAWP. These results are included as **Attachment 1.**

The excavation is currently below the groundwater table and below the Sing Sing Brook grade. Further vertical excavation is not practical because of the water and the proximity to the Sing Sing. SESI is proposing ISS - mixing this area in lieu of further excavation. Therefore, further investigation is required to determine the vertical depth of the PGW exceedances to determine the ISS mixing depth.

- One (1) test pit will be completed at the center of the existing excavation for vertical delineation and two (2) additional test pits will be completed 5 ft-bgs and 10 ft-bgs east of the eastern sidewall for horizontal delineation.
- Test pits will each be excavated to 10 ft-bgs with samples collected at 2 foot intervals below the existing excavation grade as noted in **Table 4.1** below:

Table 4.1 Proposed Test Pit Sample Summary

Location	**Sample ID**	**Depth of Sample (ft-bgs)**	**Analytical Procedures** Sampling method
TP-1	TP-1 (6-6.5')	6.0-6.5	

Location	Sample ID	Depth of Sample (ft-bgs)	Analytical Procedures Sampling method
TP-1	TP-1 (8-8.5')*	8.0-8.5	PAHs (EPA Method 8270) Grab
TP-1	TP-1 (10-10.5')*	10.0-10.5	
TP-2	TP-2 (6-6.5')	6.0-6.5	
TP-2	TP-2 (8-8.5')*	8.0-8.5	
TP-2	TP-2 (10-10.5')*	10.0-10.5	
TP-3	TP-3 (6-6.5')*	6.0-6.5	
TP-3	TP-3 (8-8.5')*	8.0-8.5	
TP-3	TP-3 (10-10.5')*	10.0-10.5	
QA/QC	Duplicate-2	TBD	
QA/QC	MS/MSD-2	TBD	

**Sample collected and placed on hold; contingent on other sample results*

- Samples at 6-6.5' will be run for PAHs of concern that exceeded the PGW SCOs in the initial post-excavation sampling of this area. This includes benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene. Samples will be released from vertical and horizontal intervals based on the results of the initial round.
- Up to one (1) duplicate sample and one (1) MS/MSD will be collected for every 20 samples for QA/QC. Therefore, it is anticipated that one (1) duplicate and one (1) MS/MSD will be required for this sampling as noted in Table 4.1 above.
- Horizontal delineation will be concluded when sample results are below the PGW SCOs or reach the property boundary to the east.
- Vertical delineation will be concluded when sample results are below the PoGW SCOs.
- Sampling is not anticipated to the west due to the remedial ISS-B area. Sampling is not anticipated to the south due to the rock wall and buttress. Sampling is not anticipated to the north due to the retaining wall and the Sing Sing Brook.
- Each test pit will be backfilled immediately upon completion, with the same material to minimize exposure before proceeding to the next location.
- Each test pit will be continuously logged and observation of any free product, PID readings and odors will be reported.

The proposed sample locations are provided as **Figure 4.1.**

5.0 HEALTH AND SAFETY PROTOCOLS

Air monitoring will be performed during the implementation of the pilot study actions to protect the health and safety of Site workers and to confirm that air impacts from Site-related activities are not migrating off-Site. The monitoring program will include monitoring for vapor, odors, and dust.

Vapors will be monitored during the pilot study activities in accordance with the Community Air Monitoring Plan (CAMP) and the Health and Safety Plan (HASP) of the approved RAWP.

6.0 GOVERNING DOCUMENTS

The following appendices are included in the approved RAWP and applicable to this PDI delineation sampling work plan:

- Health and Safety Plan
- Soil Erosion and Sediment Controls Plan (SESCP)
- Community Air Monitoring Plan
- Citizen Participation Plan (CPP)

7.0 REPORTING AND SCHEDULE

Electronic progress reports will be submitted to NYSDEC and New York State Department of Health (NYSDOH) Project Managers daily before the close of business on the following day. Upon completion of the PDI delineation, SESI will provide the results within two (2) weeks.

An estimated schedule of completion is included in **Table 7.1** below.

Table 7.1 Estimated Schedule of Completion

Task	Duration
Boring Delineation	1 day
Test Pit Delineation	1 day
Sample Results and Recommendations	2 weeks

8.0 CONTACT INFORMATION

The following **Table 8.1** includes the contact information of the personnel associated with the pilot study work to be completed:

Table 8.1 Contact Information

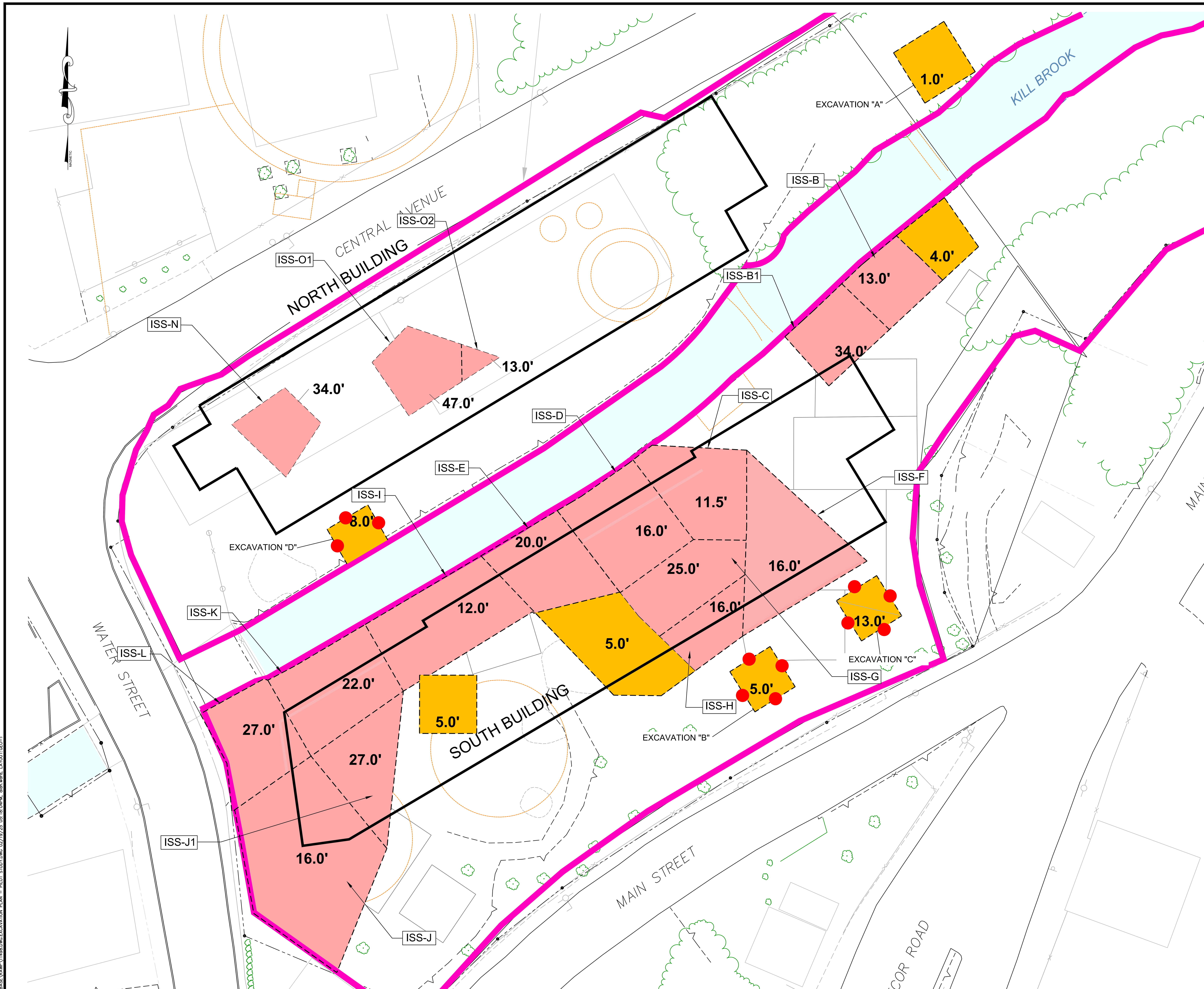
Agency/Individual	Contact Number
James Seliga, Vice President of Operations* Renova Environmental Co.	(732) 659-1000
Fuad Dahan, Remedial Engineer SESI Consulting Engineers	(973) 808-9050
Jose Rodriguez, Geotechnical Engineer SESI Consulting Engineers	(973) 808-9050
Christopher Malvicini, Asst Project Manager	(973) 808-9050

Agency/Individual	Contact Number
SESI Consulting Engineers	
Craig Malkin, President Griffon Construction	(845) 278-0301
Michael Burke, Project Manager Griffon Construction	(845) 745-0219
James Wendling, Volunteer Representative WB 30 Water Street LLC	(914) 610-3647
Caroline Jalanti, Project Manager NYSDEC	(518) 402-9650
Anthony Perretta, Project Manager NYSDOH	(518) 402-7860

9.0 CITIZEN PARTICIPATION ACTIVITIES

Citizen Participation during implementation of the remedial program will proceed in accordance with the Citizen Participation Plan included in the approved RAWP. The short-term impacts will be addressed by the CAMP, HASP and other measures such as a truck wash at the points of ingress and egress and other odor and dust controls.

Figures



LEGEND:

- OPERABLE UNIT OUTLINE
- EXISTING STRUCTURE
- WATER
- TREE
- HISTORICAL MGP STRUCTURE
- 5.0' — EXCAVATION AREA AND DEPTH FROM EXISTING GRADE (FT)
- 16' — ISS TREATMENT AREA WITH INITIAL 5' EXCAVATION FROM EXISTING GRADE (FT)
- BCP BOUNDARY
- PROPOSED DELINEATION SAMPLING LOCATIONS

SITE PLAN

Scale: 1"= 20'

0 10 20 40 60 80

REFERENCE:

1. FOUNDATION INFORMATION WAS TAKEN FROM STRUCTURAL PLANS PROVIDED BY CHRISTIE ENGINEERING, DATED 11/29/2023.
CIVIL INFORMATION WAS TAKEN FROM CIVIL/SITE PLANS PROVIDED BY INSITE ENGINEERING DATED 12/22/23.

rev	date	description	by
			JMR

dwg by: APG
chk by: CCM
scale: AS NOTED
date: 11/19/2024

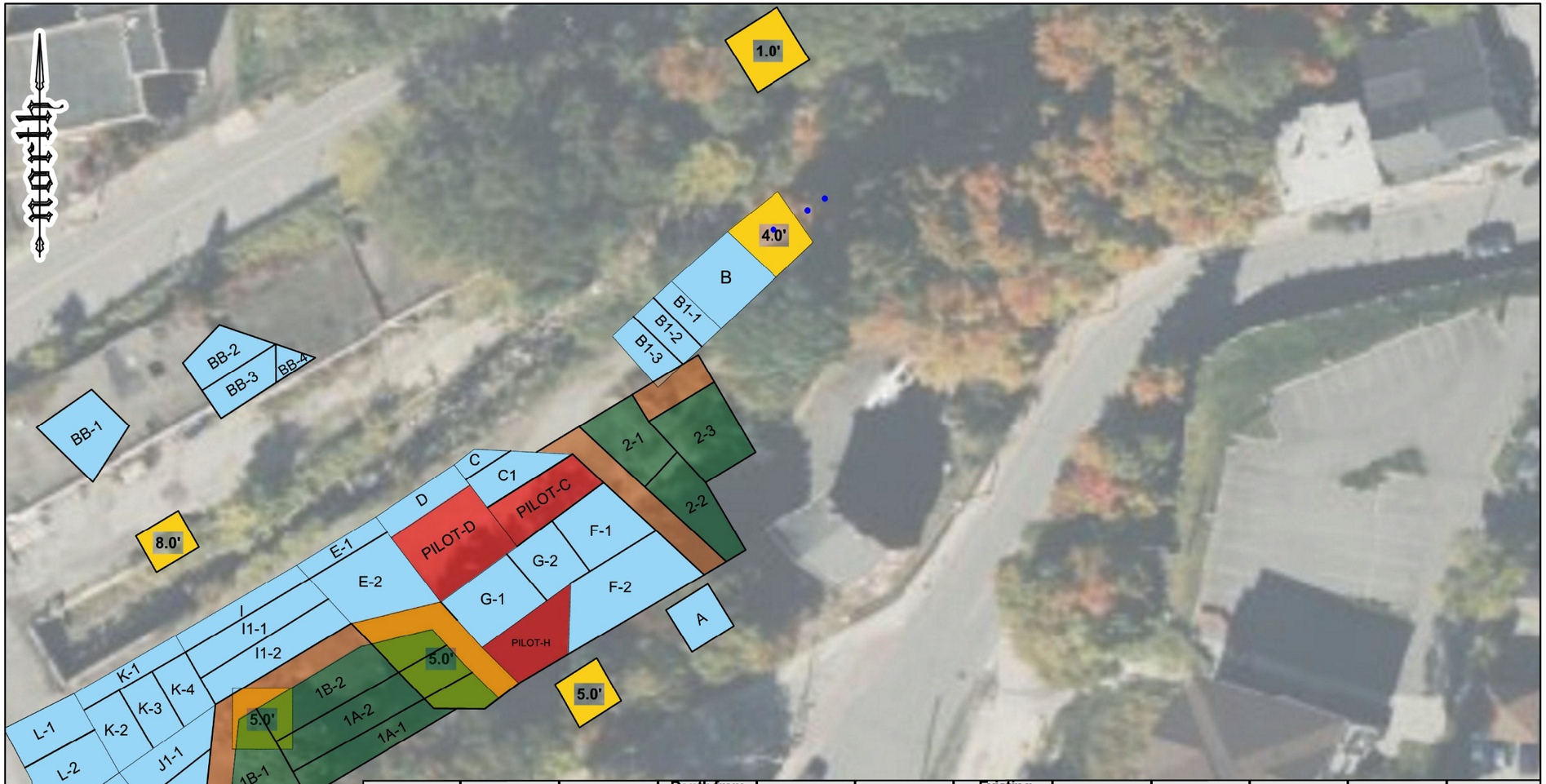
SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 route 46e, 3rd floor, parsippany, nj 07054 ph: 973.808.9050

PROPOSED RESIDENTIAL DEVELOPMENT
OSSINING DPW SITE
OSSINING, NY

title: PROPOSED BORING LOCATIONS

job no. 11498
drawing no.

FIG 3.1



	Mix	Surface Area	Depth from Grade per RAWP + 1 ft	Surveyed Pre-Cut Elevation	Treatment Depth (ft)	Existing Grade Elevation	Bottom Elevation	Mix Volume	Total Mix	PC	GGBFS
		SF	ft-bgs	ft-amsl	ft-bgs	ft-amsl	ft-amsl	CY	Tons	Tons	Tons
Pilot - C	No. 2 (6% PC2, 6% GGBFS2)	771	14	11.79	9.69	16.1	2.1	277	415	24.90	24.90
Pilot -J(B)	No. 2 (9% PC2, 2% GGBFS2)	425	18.5	14.84	16.34	17	-1.5	257	386	34.72	7.72

REFERENCE:
EXISTING CONDITIONS TAKEN FROM CELL LAYOUT PREPARED BY RENOVA ENVIRONMENTAL COMPANY, DATED 4/29/2025.

LEGEND:

- 10' BUFFER
- EXCAVATION ONLY AREA
- ISS MIX AREA
- PILOT MIX AREA
- STRUCTURAL MIX AREA
- PROPOSED TEST PIT LOCATION

SCALE: 1" = 50'
0 25 50 100 FEET

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

dwg by: KBV
chk by: CM
scale: AS NOTED
date: 5/9/2025

project: 30 WATER STREET OSSINING, NY

title: **PROPOSED TEST PIT LOCATIONS**

job no.: 11498
drawing no: FIG-4.1

Y:\GIS\Project_Numbers\11498\FINAL_MAPS, 5/9/2025 11:46 AM, Kim Vanderklein, LAYOUT: FIG-4.1

Attachment 1:

Analytical Results

ANALYTICAL REPORT

Lab Number:	L2522480
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Christopher Malvicini
Phone:	(973) 808-9050
Project Name:	30 WATER ST
Project Number:	11498
Report Date:	04/14/25

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2522480-01	EP-1-S (4-4.5)	SOIL	WATER ST., OSSINING, NY	04/11/25 14:41	04/11/25
L2522480-02	EP-1-C (4-4.5)	SOIL	WATER ST., OSSINING, NY	04/11/25 14:14	04/11/25
L2522480-03	EP-1-E (4-4.5)	SOIL	WATER ST., OSSINING, NY	04/11/25 12:58	04/11/25

Project Name:	30 WATER ST	**Lab Number:**	L2522480
Project Number:	11498	**Report Date:**	04/14/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 30 WATER ST **Lab Number:** L2522480
Project Number: 11498 **Report Date:** 04/14/25

Case Narrative (continued)

Report Submission
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

PCBs
L2522480-01: The internal standard (IS) response for 1-bromo-2-nitrobenzene (1494%) was above the acceptance criteria on column B; however, the sample was not re-analyzed due to obvious interferences. Since the IS response was above method criteria, all associated compounds reported from this column are considered to have a potentially low bias. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (5%) and decachlorobiphenyl (4%) due to interference with the Internal Standard.
L2522480-02: The internal standard (IS) response for 1-bromo-2-nitrobenzene (2205%) was above the acceptance criteria on column B; however, the sample was not re-analyzed due to obvious interferences. Since the IS response was above method criteria, all associated compounds reported from this column are considered to have a potentially low bias. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (3%) and decachlorobiphenyl (2%) due to interference with the Internal Standard.
L2522480-03D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Pesticides
L2522480-01D, -02D, and -03D: The sample has elevated detection limits due to the dilution required by the sample matrix.
L2522480-01D, -02D, and -03D: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.
L2522480-01D: The internal standard (IS) response for 1-bromo-2-nitrobenzene (443%) was above the acceptance criteria on column B; however, the sample was not re-analyzed due to obvious interferences.

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

Case Narrative (continued)

Since the IS response was above method criteria, all associated compounds reported from this column are considered to have a potentially low bias.
L2522480-02D: The internal standard (IS) response for 1-bromo-2-nitrobenzene (210%) was above the acceptance criteria on column B; however, the sample was not re-analyzed due to obvious interferences. Since the IS response was above method criteria, all associated compounds reported from this column are considered to have a potentially low bias.
L2522480-03D: The internal standard (IS) response for 1-bromo-2-nitrobenzene (702%) was above the acceptance criteria on column B; however, the sample was not re-analyzed due to obvious interferences. Since the IS response was above method criteria, all associated compounds reported from this column are considered to have a potentially low bias.

Cyanide, Total
The WG2053050-4/-5 MS/MSD recoveries performed on L2522480-01 are outside the acceptance criteria for cyanide, total (0%/57%); however, the associated LCS recovery is within criteria. No further action was taken.
The WG2053050-6/-7 MS/MSD recoveries performed on L2522480-02 are outside the acceptance criteria for cyanide, total (2%/0%); however, the associated LCS recovery is within criteria. No further action was taken.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 04/14/25

ORGANICS

VOLATILES

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-01
Client ID: EP-1-S (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 14:41
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/13/25 15:28
Analyst: AJK
Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	0.60	J	ug/kg	0.68	0.26	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.22	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.22	1
Benzene	0.54	J	ug/kg	0.68	0.22	1
Toluene	ND		ug/kg	1.4	0.73	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.4	1.3	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.4	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-01
Client ID: EP-1-S (4-4.5)
Sample Location: WATER ST., OSSINING, NY
Date Collected: 04/11/25 14:41
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.39	1
Xylenes, Total	ND		ug/kg	1.4	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.26	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.5	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.22	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.4	0.88	1
Acrylonitrile	ND		ug/kg	5.4	1.6	1

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-01
Client ID: EP-1-S (4-4.5)
Sample Location: WATER ST., OSSINING, NY
Date Collected: 04/11/25 14:41
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	103		70-130

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-02
Client ID: EP-1-C (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 14:14
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/13/25 15:54
Analyst: AJK
Percent Solids: 66%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.1	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.71	0.28	1
Chlorobenzene	ND		ug/kg	0.71	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.98	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.71	0.24	1
Bromodichloromethane	ND		ug/kg	0.71	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	0.71	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.71	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.71	0.22	1
Bromoform	ND		ug/kg	5.6	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.71	0.23	1
Benzene	1.1		ug/kg	0.71	0.23	1
Toluene	ND		ug/kg	1.4	0.77	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.82	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.64	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-02
Client ID: EP-1-C (4-4.5)
Sample Location: WATER ST., OSSINING, NY
Date Collected: 04/11/25 14:14
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.71	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.79	1
o-Xylene	ND		ug/kg	1.4	0.41	1
Xylenes, Total	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.34	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.8	1
Carbon disulfide	ND		ug/kg	14	6.4	1
2-Butanone	ND		ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.71	0.19	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
tert-Butylbenzene	ND		ug/kg	2.8	0.17	1
o-Chlorotoluene	ND		ug/kg	2.8	0.27	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.24	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.6	0.92	1
Acrylonitrile	ND		ug/kg	5.6	1.6	1

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-02
Client ID: EP-1-C (4-4.5)
Sample Location: WATER ST., OSSINING, NY
Date Collected: 04/11/25 14:14
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
1,4-Dioxane	ND		ug/kg	110	50.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.25	1
p-Ethyltoluene	ND		ug/kg	2.8	0.54	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.27	1
Ethyl ether	ND		ug/kg	2.8	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.1	2.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	103		70-130

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-03
Client ID: EP-1-E (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 12:58
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/13/25 16:20
Analyst: AJK
Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	0.28	J	ug/kg	0.68	0.26	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.22	1
Benzene	ND		ug/kg	0.68	0.22	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.4	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-03
Client ID: EP-1-E (4-4.5)
Sample Location: WATER ST., OSSINING, NY
Date Collected: 04/11/25 12:58
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.39	1
Xylenes, Total	ND		ug/kg	1.4	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.26	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.5	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.4	0.88	1
Acrylonitrile	ND		ug/kg	5.4	1.6	1

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-03
Client ID: EP-1-E (4-4.5)
Sample Location: WATER ST., OSSINING, NY
Date Collected: 04/11/25 12:58
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	48.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/13/25 15:02
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG2053554-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.58	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/13/25 15:02
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG2053554-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/13/25 15:02
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG2053554-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Tentatively Identified Compounds			
Total TIC Compounds	2.78	J	ug/kg
Unknown	2.78	J	ug/kg

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/13/25 15:02
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG2053554-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG2053554-3 WG2053554-4								
Methylene chloride	111		108		70-130	3		30
1,1-Dichloroethane	110		107		70-130	3		30
Chloroform	105		103		70-130	2		30
Carbon tetrachloride	98		93		70-130	5		30
1,2-Dichloropropane	106		105		70-130	1		30
Dibromochloromethane	105		104		70-130	1		30
1,1,2-Trichloroethane	108		108		70-130	0		30
Tetrachloroethene	104		100		70-130	4		30
Chlorobenzene	108		104		70-130	4		30
Trichlorofluoromethane	105		99		70-139	6		30
1,2-Dichloroethane	97		98		70-130	1		30
1,1,1-Trichloroethane	103		98		70-130	5		30
Bromodichloromethane	103		101		70-130	2		30
trans-1,3-Dichloropropene	110		110		70-130	0		30
cis-1,3-Dichloropropene	107		108		70-130	1		30
1,1-Dichloropropene	113		109		70-130	4		30
Bromoform	99		101		70-130	2		30
1,1,2,2-Tetrachloroethane	110		115		70-130	4		30
Benzene	111		108		70-130	3		30
Toluene	109		104		70-130	5		30
Ethylbenzene	108		104		70-130	4		30
Chloromethane	100		91		52-130	9		30
Bromomethane	129		124		57-147	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG2053554-3 WG2053554-4								
Vinyl chloride	111		104		67-130	7		30
Chloroethane	100		95		50-151	5		30
1,1-Dichloroethene	121		116		65-135	4		30
trans-1,2-Dichloroethene	114		109		70-130	4		30
Trichloroethene	110		106		70-130	4		30
1,2-Dichlorobenzene	109		105		70-130	4		30
1,3-Dichlorobenzene	110		107		70-130	3		30
1,4-Dichlorobenzene	107		105		70-130	2		30
Methyl tert butyl ether	107		110		66-130	3		30
p/m-Xylene	113		109		70-130	4		30
o-Xylene	112		110		70-130	2		30
cis-1,2-Dichloroethene	110		109		70-130	1		30
Dibromomethane	100		102		70-130	2		30
Styrene	111		108		70-130	3		30
Dichlorodifluoromethane	92		85		30-146	8		30
Acetone	122		119		54-140	2		30
Carbon disulfide	120		113		59-130	6		30
2-Butanone	79		87		70-130	10		30
Vinyl acetate	100		102		70-130	2		30
4-Methyl-2-pentanone	93		96		70-130	3		30
1,2,3-Trichloropropane	105		108		68-130	3		30
2-Hexanone	86		95		70-130	10		30
Bromochloromethane	103		100		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG2053554-3 WG2053554-4								
2,2-Dichloropropane	110		106		70-130	4		30
1,2-Dibromoethane	108		109		70-130	1		30
1,3-Dichloropropane	108		109		69-130	1		30
1,1,1,2-Tetrachloroethane	104		102		70-130	2		30
Bromobenzene	104		103		70-130	1		30
n-Butylbenzene	123		118		70-130	4		30
sec-Butylbenzene	118		113		70-130	4		30
tert-Butylbenzene	113		109		70-130	4		30
o-Chlorotoluene	115		110		70-130	4		30
p-Chlorotoluene	115		113		70-130	2		30
1,2-Dibromo-3-chloropropane	91		102		68-130	11		30
Hexachlorobutadiene	96		93		67-130	3		30
Isopropylbenzene	118		112		70-130	5		30
p-Isopropyltoluene	119		114		70-130	4		30
Naphthalene	107		112		70-130	5		30
Acrylonitrile	118		124		70-130	5		30
n-Propylbenzene	117		113		70-130	3		30
1,2,3-Trichlorobenzene	105		104		70-130	1		30
1,2,4-Trichlorobenzene	110		109		70-130	1		30
1,3,5-Trimethylbenzene	116		112		70-130	4		30
1,2,4-Trimethylbenzene	117		113		70-130	3		30
1,4-Dioxane	84		91		65-136	8		30
p-Diethylbenzene	120		117		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG2053554-3 WG2053554-4								
p-Ethyltoluene	116		112		70-130	4		30
1,2,4,5-Tetramethylbenzene	120		116		70-130	3		30
Ethyl ether	**143**	Q	**140**	Q	67-130	2		30
trans-1,4-Dichloro-2-butene	101		108		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		96		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	107		106		70-130
Dibromofluoromethane	98		96		70-130

SEMIVOLATILES

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-01 D2
Client ID: EP-1-S (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 14:41
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/13/25 19:02
Analyst: MRG
Percent Solids: 69%

Extraction Method: EPA 3546
Extraction Date: 04/12/25 07:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	40000		ug/kg	2800	540	20
Benzo(a)anthracene	32000		ug/kg	2800	540	20
Benzo(a)pyrene	43000		ug/kg	3800	1200	20
Benzo(b)fluoranthene	54000		ug/kg	2800	800	20
Chrysene	29000		ug/kg	2800	490	20
Benzo(ghi)perylene	31000		ug/kg	3800	560	20
Indeno(1,2,3-cd)pyrene	30000		ug/kg	3800	660	20
Pyrene	43000		ug/kg	2800	470	20

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-01 D
Client ID: EP-1-S (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 14:41
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/13/25 14:15
Analyst: CMM
Percent Solids: 69%

Extraction Method: EPA 3546
Extraction Date: 04/12/25 07:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	570		ug/kg	380	49.	2
1,2,4-Trichlorobenzene	ND		ug/kg	480	54.	2
Hexachlorobenzene	ND		ug/kg	280	53.	2
Bis(2-chloroethyl)ether	ND		ug/kg	430	64.	2
2-Chloronaphthalene	ND		ug/kg	480	47.	2
1,2-Dichlorobenzene	ND		ug/kg	480	85.	2
1,3-Dichlorobenzene	ND		ug/kg	480	82.	2
1,4-Dichlorobenzene	ND		ug/kg	480	83.	2
3,3'-Dichlorobenzidine	ND		ug/kg	480	130	2
2,4-Dinitrotoluene	ND		ug/kg	480	95.	2
2,6-Dinitrotoluene	ND		ug/kg	480	82.	2
Fluoranthene	34000	E	ug/kg	280	54.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	480	51.	2
4-Bromophenyl phenyl ether	ND		ug/kg	480	72.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	570	81.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	510	48.	2
Hexachlorobutadiene	ND		ug/kg	480	70.	2
Hexachlorocyclopentadiene	ND		ug/kg	1400	430	2
Hexachloroethane	ND		ug/kg	380	77.	2
Isophorone	ND		ug/kg	430	62.	2
Naphthalene	7300		ug/kg	480	58.	2
Nitrobenzene	ND		ug/kg	430	70.	2
NDPA/DPA	ND		ug/kg	380	54.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	480	73.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	480	160	2
Butyl benzyl phthalate	ND		ug/kg	480	120	2
Di-n-butylphthalate	ND		ug/kg	480	90.	2
Di-n-octylphthalate	ND		ug/kg	480	160	2

Project Name: 30 WATER ST **Lab Number:** L2522480

Project Number: 11498 **Report Date:** 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-01 D
Client ID: EP-1-S (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 14:41
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	480	44.	2
Dimethyl phthalate	ND		ug/kg	480	100	2
Benzo(a)anthracene	33000	E	ug/kg	280	54.	2
Benzo(a)pyrene	43000	E	ug/kg	380	120	2
Benzo(b)fluoranthene	57000	E	ug/kg	280	80.	2
Benzo(k)fluoranthene	14000		ug/kg	280	76.	2
Chrysene	28000	E	ug/kg	280	49.	2
Acenaphthylene	15000		ug/kg	380	73.	2
Anthracene	5700		ug/kg	280	93.	2
Benzo(ghi)perylene	27000	E	ug/kg	380	56.	2
Fluorene	1400		ug/kg	480	46.	2
Phenanthrene	8300		ug/kg	280	58.	2
Dibenzo(a,h)anthracene	6400		ug/kg	280	55.	2
Indeno(1,2,3-cd)pyrene	28000	E	ug/kg	380	66.	2
Pyrene	37000	E	ug/kg	280	47.	2
Biphenyl	440	J	ug/kg	1100	62.	2
4-Chloroaniline	ND		ug/kg	480	86.	2
2-Nitroaniline	ND		ug/kg	480	92.	2
3-Nitroaniline	ND		ug/kg	480	90.	2
4-Nitroaniline	ND		ug/kg	480	200	2
Dibenzofuran	1600		ug/kg	480	45.	2
2-Methylnaphthalene	1600		ug/kg	570	57.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	480	50.	2
Acetophenone	1100		ug/kg	480	59.	2
2,4,6-Trichlorophenol	ND		ug/kg	280	90.	2
p-Chloro-m-cresol	ND		ug/kg	480	71.	2
2-Chlorophenol	ND		ug/kg	480	56.	2
2,4-Dichlorophenol	ND		ug/kg	430	76.	2
2,4-Dimethylphenol	530		ug/kg	480	160	2
2-Nitrophenol	ND		ug/kg	1000	180	2
4-Nitrophenol	ND		ug/kg	660	190	2
2,4-Dinitrophenol	ND		ug/kg	2300	220	2
4,6-Dinitro-o-cresol	ND		ug/kg	1200	230	2
Pentachlorophenol	ND		ug/kg	380	100	2
Phenol	700		ug/kg	480	72.	2
2-Methylphenol	380	J	ug/kg	480	74.	2
3-Methylphenol/4-Methylphenol	1100		ug/kg	680	74.	2

Project Name: 30 WATER ST **Lab Number:** L2522480

Project Number: 11498 **Report Date:** 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-01 D Date Collected: 04/11/25 14:41

Client ID: EP-1-S (4-4.5) Date Received: 04/11/25

Sample Location: WATER ST., OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	480	91.	2
Benzoic Acid	ND		ug/kg	1500	480	2
Benzyl Alcohol	ND		ug/kg	480	140	2
Carbazole	1200		ug/kg	480	46.	2
1,4-Dioxane	ND		ug/kg	71	22.	2
Tentatively Identified Compounds						
Total TIC Compounds	258000	J	ug/kg			2
Unknown Benzene	12000	J	ug/kg			2
Unknown PAH	12300	J	ug/kg			2
Unknown PAH	18300	J	ug/kg			2
Unknown PAH	19500	J	ug/kg			2
Unknown PAH	20400	J	ug/kg			2
Unknown	19500	J	ug/kg			2
Unknown	12400	J	ug/kg			2
Unknown PAH	47000	J	ug/kg			2
Unknown	15900	J	ug/kg			2
Unknown PAH	12100	J	ug/kg			2
Unknown	11200	J	ug/kg			2
Unknown Benzene	11300	J	ug/kg			2
Unknown	10400	J	ug/kg			2
Unknown	22100	J	ug/kg			2
Unknown PAH	13400	J	ug/kg			2

Project Name: 30 WATER ST
Lab Number: L2522480
Project Number: 11498
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-01 D
Client ID: EP-1-S (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 14:41
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	58		18-120

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-02
Client ID: EP-1-C (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 14:14
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/13/25 13:28
Analyst: CMM
Percent Solids: 66%

Extraction Method: EPA 3546
Extraction Date: 04/12/25 07:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	490		ug/kg	200	26.	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	28.	1
Hexachlorobenzene	ND		ug/kg	150	28.	1
Bis(2-chloroethyl)ether	ND		ug/kg	220	34.	1
2-Chloronaphthalene	ND		ug/kg	250	24.	1
1,2-Dichlorobenzene	ND		ug/kg	250	44.	1
1,3-Dichlorobenzene	ND		ug/kg	250	42.	1
1,4-Dichlorobenzene	ND		ug/kg	250	43.	1
3,3'-Dichlorobenzidine	ND		ug/kg	250	66.	1
2,4-Dinitrotoluene	ND		ug/kg	250	50.	1
2,6-Dinitrotoluene	ND		ug/kg	250	42.	1
Fluoranthene	24000	E	ug/kg	150	28.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	250	26.	1
4-Bromophenyl phenyl ether	ND		ug/kg	250	38.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	300	42.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	270	25.	1
Hexachlorobutadiene	ND		ug/kg	250	36.	1
Hexachlorocyclopentadiene	ND		ug/kg	710	220	1
Hexachloroethane	ND		ug/kg	200	40.	1
Isophorone	ND		ug/kg	220	32.	1
Naphthalene	5100		ug/kg	250	30.	1
Nitrobenzene	ND		ug/kg	220	37.	1
NDPA/DPA	ND		ug/kg	200	28.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	250	38.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	250	86.	1
Butyl benzyl phthalate	ND		ug/kg	250	62.	1
Di-n-butylphthalate	ND		ug/kg	250	47.	1
Di-n-octylphthalate	ND		ug/kg	250	84.	1

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-02
Client ID: EP-1-C (4-4.5)
Sample Location: WATER ST., OSSINING, NY
Date Collected: 04/11/25 14:14
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	250	23.	1
Dimethyl phthalate	ND		ug/kg	250	52.	1
Benzo(a)anthracene	22000	E	ug/kg	150	28.	1
Benzo(a)pyrene	28000	E	ug/kg	200	60.	1
Benzo(b)fluoranthene	37000	E	ug/kg	150	42.	1
Benzo(k)fluoranthene	7800		ug/kg	150	40.	1
Chrysene	19000	E	ug/kg	150	26.	1
Acenaphthylene	8000		ug/kg	200	38.	1
Anthracene	5200		ug/kg	150	48.	1
Benzo(ghi)perylene	17000	E	ug/kg	200	29.	1
Fluorene	1600		ug/kg	250	24.	1
Phenanthrene	9600		ug/kg	150	30.	1
Dibenzo(a,h)anthracene	4000		ug/kg	150	29.	1
Indeno(1,2,3-cd)pyrene	18000	E	ug/kg	200	34.	1
Pyrene	24000	E	ug/kg	150	25.	1
Biphenyl	260	J	ug/kg	560	32.	1
4-Chloroaniline	ND		ug/kg	250	45.	1
2-Nitroaniline	ND		ug/kg	250	48.	1
3-Nitroaniline	ND		ug/kg	250	47.	1
4-Nitroaniline	ND		ug/kg	250	100	1
Dibenzofuran	1600		ug/kg	250	23.	1
2-Methylnaphthalene	1200		ug/kg	300	30.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	250	26.	1
Acetophenone	730		ug/kg	250	31.	1
2,4,6-Trichlorophenol	ND		ug/kg	150	47.	1
p-Chloro-m-cresol	ND		ug/kg	250	37.	1
2-Chlorophenol	ND		ug/kg	250	29.	1
2,4-Dichlorophenol	ND		ug/kg	220	40.	1
2,4-Dimethylphenol	290		ug/kg	250	82.	1
2-Nitrophenol	ND		ug/kg	530	93.	1
4-Nitrophenol	ND		ug/kg	350	100	1
2,4-Dinitrophenol	ND		ug/kg	1200	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	640	120	1
Pentachlorophenol	ND		ug/kg	200	54.	1
Phenol	560		ug/kg	250	37.	1
2-Methylphenol	320		ug/kg	250	38.	1
3-Methylphenol/4-Methylphenol	910		ug/kg	360	39.	1

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-02
Client ID: EP-1-C (4-4.5)
Sample Location: WATER ST., OSSINING, NY
Date Collected: 04/11/25 14:14
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	250	47.	1
Benzoic Acid	ND		ug/kg	800	250	1
Benzyl Alcohol	ND		ug/kg	250	76.	1
Carbazole	1000		ug/kg	250	24.	1
1,4-Dioxane	ND		ug/kg	37	11.	1
Tentatively Identified Compounds						
Total TIC Compounds	168000	J	ug/kg			1
Unknown Benzene	7440	J	ug/kg			1
Unknown PAH	18400	J	ug/kg			1
Unknown	5860	J	ug/kg			1
Unknown	13500	J	ug/kg			1
Unknown PAH	10600	J	ug/kg			1
Unknown PAH	15800	J	ug/kg			1
Unknown PAH	12200	J	ug/kg			1
Unknown	7100	J	ug/kg			1
Unknown PAH	7920	J	ug/kg			1
Unknown	4830	J	ug/kg			1
Unknown PAH	6770	J	ug/kg			1
Unknown PAH	16900	J	ug/kg			1
Unknown PAH	27200	J	ug/kg			1
Unknown	5860	J	ug/kg			1
Unknown PAH	7980	J	ug/kg			1

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-02
Client ID: EP-1-C (4-4.5)
Sample Location: WATER ST., OSSINING, NY
Date Collected: 04/11/25 14:14
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	45		18-120

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-02 D
Client ID: EP-1-C (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 14:14
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/13/25 19:25
Analyst: MRG
Percent Solids: 66%

Extraction Method: EPA 3546
Extraction Date: 04/12/25 07:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	27000		ug/kg	1500	280	10
Benzo(a)anthracene	20000		ug/kg	1500	280	10
Benzo(a)pyrene	26000		ug/kg	2000	600	10
Benzo(b)fluoranthene	31000		ug/kg	1500	420	10
Chrysene	18000		ug/kg	1500	260	10
Benzo(ghi)perylene	18000		ug/kg	2000	290	10
Indeno(1,2,3-cd)pyrene	18000		ug/kg	2000	340	10
Pyrene	26000		ug/kg	1500	250	10

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-03
Client ID: EP-1-E (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 12:58
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/13/25 13:52
Analyst: SLR
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 04/12/25 07:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	540		ug/kg	180	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	26.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	31.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
1,2-Dichlorobenzene	ND		ug/kg	230	41.	1
1,3-Dichlorobenzene	ND		ug/kg	230	39.	1
1,4-Dichlorobenzene	ND		ug/kg	230	40.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	61.	1
2,4-Dinitrotoluene	ND		ug/kg	230	46.	1
2,6-Dinitrotoluene	ND		ug/kg	230	39.	1
Fluoranthene	30000	E	ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	35.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	650	210	1
Hexachloroethane	ND		ug/kg	180	37.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	4700		ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	79.	1
Butyl benzyl phthalate	ND		ug/kg	230	58.	1
Di-n-butylphthalate	ND		ug/kg	230	43.	1
Di-n-octylphthalate	ND		ug/kg	230	78.	1

Project Name: 30 WATER ST **Lab Number:** L2522480

Project Number: 11498 **Report Date:** 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-03 Date Collected: 04/11/25 12:58

Client ID: EP-1-E (4-4.5) Date Received: 04/11/25

Sample Location: WATER ST., OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Benzo(a)anthracene	28000	E	ug/kg	140	26.	1
Benzo(a)pyrene	29000	E	ug/kg	180	56.	1
Benzo(b)fluoranthene	42000	E	ug/kg	140	38.	1
Chrysene	25000	E	ug/kg	140	24.	1
Acenaphthylene	7800		ug/kg	180	35.	1
Anthracene	7000		ug/kg	140	45.	1
Benzo(ghi)perylene	15000	E	ug/kg	180	27.	1
Fluorene	1800		ug/kg	230	22.	1
Phenanthrene	19000	E	ug/kg	140	28.	1
Dibenzo(a,h)anthracene	3400		ug/kg	140	26.	1
Indeno(1,2,3-cd)pyrene	16000	E	ug/kg	180	32.	1
Pyrene	31000	E	ug/kg	140	23.	1
Biphenyl	280	J	ug/kg	520	30.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	43.	1
4-Nitroaniline	ND		ug/kg	230	95.	1
Dibenzofuran	1900		ug/kg	230	22.	1
2-Methylnaphthalene	1200		ug/kg	270	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	970		ug/kg	230	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	43.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	210	37.	1
2,4-Dimethylphenol	180	J	ug/kg	230	76.	1
2-Nitrophenol	ND		ug/kg	490	86.	1
4-Nitrophenol	ND		ug/kg	320	93.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	600	110	1
Pentachlorophenol	ND		ug/kg	180	50.	1
Phenol	430		ug/kg	230	34.	1
2-Methylphenol	200	J	ug/kg	230	35.	1
3-Methylphenol/4-Methylphenol	630		ug/kg	330	36.	1
2,4,5-Trichlorophenol	ND		ug/kg	230	44.	1

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-03
Client ID: EP-1-E (4-4.5)
Sample Location: WATER ST., OSSINING, NY
Date Collected: 04/11/25 12:58
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	740	230	1
Benzyl Alcohol	ND		ug/kg	230	70.	1
Carbazole	1500		ug/kg	230	22.	1
1,4-Dioxane	ND		ug/kg	34	10.	1
Tentatively Identified Compounds						
Total TIC Compounds	96600	J	ug/kg			1
Unknown	2340	J	ug/kg			1
Unknown PAH	2060	J	ug/kg			1
Unknown	1830	J	ug/kg			1
Unknown	2470	J	ug/kg			1
Unknown	2740	J	ug/kg			1
Unknown	2050	J	ug/kg			1
Unknown	3900	J	ug/kg			1
Unknown	3670	J	ug/kg			1
Unknown	28700	J	ug/kg			1
Unknown Benzene	18000	J	ug/kg			1
Unknown Naphthalene	3130	J	ug/kg			1
Unknown	2580	J	ug/kg			1
Unknown PAH	4860	J	ug/kg			1
Unknown Benzene	16500	J	ug/kg			1
Unknown	1800	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	56		18-120

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-03 D
Client ID: EP-1-E (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 12:58
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/13/25 19:49
Analyst: SLR
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 04/12/25 07:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	42000		ug/kg	690	130	5
Benzo(a)anthracene	30000		ug/kg	690	130	5
Benzo(a)pyrene	31000		ug/kg	920	280	5
Benzo(b)fluoranthene	39000		ug/kg	690	190	5
Benzo(k)fluoranthene	14000		ug/kg	690	180	5
Chrysene	28000		ug/kg	690	120	5
Benzo(ghi)perylene	21000		ug/kg	920	130	5
Phenanthrene	25000		ug/kg	690	140	5
Indeno(1,2,3-cd)pyrene	21000		ug/kg	920	160	5
Pyrene	43000		ug/kg	690	110	5

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/13/25 12:18
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 04/12/25 07:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2052915-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/13/25 12:18
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 04/12/25 07:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2052915-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	69.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/13/25 12:18
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 04/12/25 07:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2052915-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	82		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2052915-2 WG2052915-3								
Acenaphthene	87		80		31-137	8		50
1,2,4-Trichlorobenzene	87		79		38-107	10		50
Hexachlorobenzene	84		77		40-140	9		50
Bis(2-chloroethyl)ether	93		82		40-140	13		50
2-Chloronaphthalene	88		83		40-140	6		50
1,2-Dichlorobenzene	87		78		40-140	11		50
1,3-Dichlorobenzene	83		78		40-140	6		50
1,4-Dichlorobenzene	86		78		28-104	10		50
3,3'-Dichlorobenzidine	64		60		40-140	6		50
2,4-Dinitrotoluene	88		83		40-132	6		50
2,6-Dinitrotoluene	91		79		40-140	14		50
Fluoranthene	88		80		40-140	10		50
4-Chlorophenyl phenyl ether	84		80		40-140	5		50
4-Bromophenyl phenyl ether	85		77		40-140	10		50
Bis(2-chloroisopropyl)ether	85		79		40-140	7		50
Bis(2-chloroethoxy)methane	95		86		40-117	10		50
Hexachlorobutadiene	96		94		40-140	2		50
Hexachlorocyclopentadiene	102		98		40-140	4		50
Hexachloroethane	98		92		40-140	6		50
Isophorone	98		93		40-140	5		50
Naphthalene	84		79		40-140	6		50
Nitrobenzene	97		92		40-140	5		50
NDPA/DPA	88		82		36-157	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2052915-2 WG2052915-3								
n-Nitrosodi-n-propylamine	100		92		32-121	8		50
Bis(2-ethylhexyl)phthalate	111		103		40-140	7		50
Butyl benzyl phthalate	105		95		40-140	10		50
Di-n-butylphthalate	100		93		40-140	7		50
Di-n-octylphthalate	112		105		40-140	6		50
Diethyl phthalate	93		90		40-140	3		50
Dimethyl phthalate	93		86		40-140	8		50
Benzo(a)anthracene	86		83		40-140	4		50
Benzo(a)pyrene	94		89		40-140	5		50
Benzo(b)fluoranthene	90		83		40-140	8		50
Benzo(k)fluoranthene	91		85		40-140	7		50
Chrysene	89		84		40-140	6		50
Acenaphthylene	95		87		40-140	9		50
Anthracene	90		83		40-140	8		50
Benzo(ghi)perylene	92		85		40-140	8		50
Fluorene	86		80		40-140	7		50
Phenanthrene	86		78		40-140	10		50
Dibenzo(a,h)anthracene	88		82		40-140	7		50
Indeno(1,2,3-cd)pyrene	87		82		40-140	6		50
Pyrene	86		81		35-142	6		50
Biphenyl	88		83		37-127	6		50
4-Chloroaniline	108		98		40-140	10		50
2-Nitroaniline	93		89		47-134	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2052915-2 WG2052915-3								
3-Nitroaniline	70		68		26-129	3		50
4-Nitroaniline	88		82		41-125	7		50
Dibenzofuran	89		84		40-140	6		50
2-Methylnaphthalene	78		70		40-140	11		50
1,2,4,5-Tetrachlorobenzene	86		84		40-117	2		50
Acetophenone	99		90		14-144	10		50
2,4,6-Trichlorophenol	80		82		30-130	2		50
p-Chloro-m-cresol	**104**	Q	93		26-103	11		50
2-Chlorophenol	92		80		25-102	14		50
2,4-Dichlorophenol	94		89		30-130	5		50
2,4-Dimethylphenol	121		109		30-130	10		50
2-Nitrophenol	92		89		30-130	3		50
4-Nitrophenol	**118**	Q	107		11-114	10		50
2,4-Dinitrophenol	62		48		4-130	25		50
4,6-Dinitro-o-cresol	78		71		10-130	9		50
Pentachlorophenol	60		56		17-109	7		50
Phenol	85		77		26-90	10		50
2-Methylphenol	94		85		30-130.	10		50
3-Methylphenol/4-Methylphenol	99		88		30-130	12		50
2,4,5-Trichlorophenol	100		90		30-130	11		50
Benzoic Acid	28		30		10-110	7		50
Benzyl Alcohol	112		100		40-140	11		50
Carbazole	88		81		54-128	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2052915-2 WG2052915-3								
1,4-Dioxane	70		64		40-140	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	96		87		25-120
Phenol-d6	86		78		10-120
Nitrobenzene-d5	107		99		23-120
2-Fluorobiphenyl	93		82		30-120
2,4,6-Tribromophenol	93		85		10-136
4-Terphenyl-d14	88		79		18-120

PCBS

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-01
Client ID: EP-1-S (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 14:41
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/13/25 11:22
Analyst: EMR
Percent Solids: 69%

Extraction Method: EPA 3546
Extraction Date: 04/12/25 05:21
Cleanup Method: EPA 3665A
Cleanup Date: 04/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 04/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	70.0	6.22	1	A
Aroclor 1221	ND		ug/kg	70.0	7.02	1	A
Aroclor 1232	ND		ug/kg	70.0	14.8	1	A
Aroclor 1242	ND		ug/kg	70.0	9.44	1	A
Aroclor 1248	ND		ug/kg	70.0	10.5	1	A
Aroclor 1254	ND		ug/kg	70.0	7.66	1	A
Aroclor 1260	ND		ug/kg	70.0	12.9	1	A
Aroclor 1262	ND		ug/kg	70.0	8.90	1	A
Aroclor 1268	ND		ug/kg	70.0	7.26	1	A
PCBs, Total	ND		ug/kg	70.0	6.22	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	117		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	**5**	Q	30-150	B
Decachlorobiphenyl	**4**	Q	30-150	B

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-02
Client ID: EP-1-C (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 14:14
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/13/25 11:30
Analyst: EMR
Percent Solids: 66%

Extraction Method: EPA 3546
Extraction Date: 04/12/25 05:21
Cleanup Method: EPA 3665A
Cleanup Date: 04/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 04/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	70.1	6.23	1	A
Aroclor 1221	ND		ug/kg	70.1	7.03	1	A
Aroclor 1232	ND		ug/kg	70.1	14.9	1	A
Aroclor 1242	ND		ug/kg	70.1	9.46	1	A
Aroclor 1248	ND		ug/kg	70.1	10.5	1	A
Aroclor 1254	ND		ug/kg	70.1	7.67	1	A
Aroclor 1260	ND		ug/kg	70.1	13.0	1	A
Aroclor 1262	ND		ug/kg	70.1	8.91	1	A
Aroclor 1268	ND		ug/kg	70.1	7.27	1	A
PCBs, Total	ND		ug/kg	70.1	6.23	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	117		30-150	A
Decachlorobiphenyl	33		30-150	A
2,4,5,6-Tetrachloro-m-xylene	**3**	Q	30-150	B
Decachlorobiphenyl	**2**	Q	30-150	B

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-03 D
Client ID: EP-1-E (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 12:58
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/13/25 16:30
Analyst: EMR
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 04/12/25 05:21
Cleanup Method: EPA 3665A
Cleanup Date: 04/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 04/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	336	29.8	5	A
Aroclor 1221	ND		ug/kg	336	33.6	5	A
Aroclor 1232	ND		ug/kg	336	71.2	5	A
Aroclor 1242	ND		ug/kg	336	45.3	5	A
Aroclor 1248	ND		ug/kg	336	50.4	5	A
Aroclor 1254	ND		ug/kg	336	36.7	5	A
Aroclor 1260	ND		ug/kg	336	62.1	5	A
Aroclor 1262	ND		ug/kg	336	42.6	5	A
Aroclor 1268	ND		ug/kg	336	34.8	5	A
PCBs, Total	ND		ug/kg	336	29.8	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/13/25 10:40
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 04/12/25 03:35
Cleanup Method: EPA 3665A
Cleanup Date: 04/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 04/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG2052890-1						
Aroclor 1016	ND		ug/kg	45.7	4.06	A
Aroclor 1221	ND		ug/kg	45.7	4.58	A
Aroclor 1232	ND		ug/kg	45.7	9.69	A
Aroclor 1242	ND		ug/kg	45.7	6.16	A
Aroclor 1248	ND		ug/kg	45.7	6.86	A
Aroclor 1254	ND		ug/kg	45.7	5.00	A
Aroclor 1260	ND		ug/kg	45.7	8.45	A
Aroclor 1262	ND		ug/kg	45.7	5.80	A
Aroclor 1268	ND		ug/kg	45.7	4.73	A
PCBs, Total	ND		ug/kg	45.7	4.06	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	108		30-150	B
Decachlorobiphenyl	90		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG2052890-2 WG2052890-3									
Aroclor 1016	91		89		40-140	2		50	A
Aroclor 1260	86		85		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	112		112		30-150	A
Decachlorobiphenyl	92		91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	116		116		30-150	B
Decachlorobiphenyl	97		95		30-150	B

PESTICIDES

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-01 D
Client ID: EP-1-S (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/14/25 10:38
Analyst: DLP
Percent Solids: 69%

Date Collected: 04/11/25 14:41
Date Received: 04/11/25
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 04/12/25 08:49
Cleanup Method: EPA 3620B
Cleanup Date: 04/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 04/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	228	44.6	100	A
Lindane	ND		ug/kg	94.9	42.4	100	A
Alpha-BHC	ND		ug/kg	94.9	26.9	100	A
Beta-BHC	ND		ug/kg	228	86.3	100	A
Heptachlor	ND		ug/kg	114	51.0	100	A
Aldrin	ND		ug/kg	228	80.2	100	A
Heptachlor epoxide	ND		ug/kg	427	128.	100	A
Endrin	ND		ug/kg	94.9	38.9	100	A
Endrin aldehyde	ND		ug/kg	285	99.6	100	A
Endrin ketone	ND		ug/kg	228	58.6	100	A
Dieldrin	ND		ug/kg	142	71.2	100	A
4,4'-DDE	ND		ug/kg	228	52.7	100	A
4,4'-DDD	ND		ug/kg	228	81.2	100	A
4,4'-DDT	ND		ug/kg	228	183.	100	A
Endosulfan I	ND		ug/kg	228	53.8	100	A
Endosulfan II	ND		ug/kg	228	76.1	100	A
Endosulfan sulfate	ND		ug/kg	94.9	45.2	100	A
Methoxychlor	ND		ug/kg	427	133.	100	A
Toxaphene	ND		ug/kg	4270	1200	100	A
cis-Chlordane	ND		ug/kg	285	79.3	100	A
trans-Chlordane	ND		ug/kg	285	75.2	100	A
Chlordane	ND		ug/kg	1900	754.	100	A

Project Name: 30 WATER ST
Lab Number: L2522480
Project Number: 11498
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-01 D
Client ID: EP-1-S (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 14:41
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-02 D
Client ID: EP-1-C (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 14:14
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/14/25 10:49
Analyst: DLP
Percent Solids: 66%

Extraction Method: EPA 3546
Extraction Date: 04/12/25 08:49
Cleanup Method: EPA 3620B
Cleanup Date: 04/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 04/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	236	46.2	100	A
Lindane	ND		ug/kg	98.4	44.0	100	A
Alpha-BHC	ND		ug/kg	98.4	27.9	100	A
Beta-BHC	ND		ug/kg	236	89.5	100	A
Heptachlor	ND		ug/kg	118	52.9	100	A
Aldrin	ND		ug/kg	236	83.1	100	A
Heptachlor epoxide	ND		ug/kg	443	133.	100	A
Endrin	ND		ug/kg	98.4	40.3	100	A
Endrin aldehyde	ND		ug/kg	295	103.	100	A
Endrin ketone	ND		ug/kg	236	60.8	100	A
Dieldrin	ND		ug/kg	148	73.8	100	A
4,4'-DDE	ND		ug/kg	236	54.6	100	A
4,4'-DDD	ND		ug/kg	236	84.2	100	A
4,4'-DDT	ND		ug/kg	236	190.	100	A
Endosulfan I	ND		ug/kg	236	55.8	100	A
Endosulfan II	ND		ug/kg	236	78.9	100	A
Endosulfan sulfate	ND		ug/kg	98.4	46.8	100	A
Methoxychlor	ND		ug/kg	443	138.	100	A
Toxaphene	ND		ug/kg	4430	1240	100	A
cis-Chlordane	ND		ug/kg	295	82.2	100	A
trans-Chlordane	ND		ug/kg	295	77.9	100	A
Chlordane	ND		ug/kg	1970	782.	100	A

Project Name: 30 WATER ST **Lab Number:** L2522480

Project Number: 11498 **Report Date:** 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-02 D
Client ID: EP-1-C (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 14:14
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-03 D
Client ID: EP-1-E (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 12:58
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/14/25 09:10
Analyst: AKM
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 04/12/25 08:49
Cleanup Method: EPA 3620B
Cleanup Date: 04/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 04/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	43.5	8.52	20	A
Lindane	ND		ug/kg	18.1	8.11	20	A
Alpha-BHC	ND		ug/kg	18.1	5.15	20	A
Beta-BHC	ND		ug/kg	43.5	16.5	20	A
Heptachlor	ND		ug/kg	21.8	9.76	20	A
Aldrin	ND		ug/kg	43.5	15.3	20	A
Heptachlor epoxide	ND		ug/kg	81.6	24.5	20	A
Endrin	ND		ug/kg	18.1	7.44	20	A
Endrin aldehyde	ND		ug/kg	54.4	19.0	20	A
Endrin ketone	ND		ug/kg	43.5	11.2	20	A
Dieldrin	ND		ug/kg	27.2	13.6	20	A
4,4'-DDE	ND		ug/kg	43.5	10.1	20	A
4,4'-DDD	ND		ug/kg	43.5	15.5	20	A
4,4'-DDT	ND		ug/kg	43.5	35.0	20	A
Endosulfan I	ND		ug/kg	43.5	10.3	20	A
Endosulfan II	ND		ug/kg	43.5	14.5	20	A
Endosulfan sulfate	ND		ug/kg	18.1	8.63	20	A
Methoxychlor	ND		ug/kg	81.6	25.4	20	A
Toxaphene	ND		ug/kg	816	228.	20	A
cis-Chlordane	ND		ug/kg	54.4	15.2	20	A
trans-Chlordane	ND		ug/kg	54.4	14.4	20	A
Chlordane	ND		ug/kg	363	144.	20	A

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-03 D
Client ID: EP-1-E (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 12:58
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	A
Decachlorobiphenyl	**0**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150	B
Decachlorobiphenyl	**0**	Q	30-150	B

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/12/25 14:59
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 04/11/25 22:26
Cleanup Method: EPA 3620B
Cleanup Date: 04/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 04/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG2052847-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.640	0.286	A
Alpha-BHC	ND		ug/kg	0.640	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.582	A
Heptachlor	ND		ug/kg	0.768	0.344	A
Aldrin	ND		ug/kg	1.54	0.541	A
Heptachlor epoxide	ND		ug/kg	2.88	0.864	A
Endrin	ND		ug/kg	0.640	0.262	A
Endrin aldehyde	ND		ug/kg	1.92	0.672	A
Endrin ketone	ND		ug/kg	1.54	0.396	A
Dieldrin	ND		ug/kg	0.960	0.480	A
4,4'-DDE	ND		ug/kg	1.54	0.355	A
4,4'-DDD	ND		ug/kg	1.54	0.548	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.363	A
Endosulfan II	ND		ug/kg	1.54	0.513	A
Endosulfan sulfate	ND		ug/kg	0.640	0.305	A
Methoxychlor	ND		ug/kg	2.88	0.896	A
Toxaphene	ND		ug/kg	28.8	8.07	A
cis-Chlordane	ND		ug/kg	1.92	0.535	A
trans-Chlordane	ND		ug/kg	1.92	0.507	A
Chlordane	ND		ug/kg	12.8	5.09	A

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/12/25 14:59
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 04/11/25 22:26
Cleanup Method: EPA 3620B
Cleanup Date: 04/12/25
Cleanup Method: EPA 3660B
Cleanup Date: 04/12/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG2052847-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	79		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG2052847-2 WG2052847-3									
Delta-BHC	86		85		30-150	1		30	A
Lindane	86		86		30-150	0		30	A
Alpha-BHC	87		87		30-150	0		30	A
Beta-BHC	82		80		30-150	2		30	A
Heptachlor	87		88		30-150	1		30	A
Aldrin	88		87		30-150	1		30	A
Heptachlor epoxide	75		75		30-150	0		30	A
Endrin	93		94		30-150	1		30	A
Endrin aldehyde	73		73		30-150	0		30	A
Endrin ketone	93		95		30-150	2		30	A
Dieldrin	92		91		30-150	1		30	A
4,4'-DDE	91		89		30-150	2		30	A
4,4'-DDD	95		95		30-150	0		30	A
4,4'-DDT	76		96		30-150	23		30	A
Endosulfan I	87		86		30-150	1		30	A
Endosulfan II	89		90		30-150	1		30	A
Endosulfan sulfate	87		88		30-150	1		30	A
Methoxychlor	82		84		30-150	2		30	A
cis-Chlordane	86		83		30-150	4		30	A
trans-Chlordane	98		98		30-150	0		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG2052847-2 WG2052847-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		76		30-150	A
Decachlorobiphenyl	69		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		77		30-150	B
Decachlorobiphenyl	72		77		30-150	B

METALS

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-01
Client ID: EP-1-S (4-4.5)
Sample Location: WATER ST., OSSINING, NY
Date Collected: 04/11/25 14:41
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12000		mg/kg	11.5	3.74	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	5.75	4.43	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Arsenic, Total	30.1		mg/kg	1.15	0.497	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Barium, Total	151		mg/kg	1.15	0.122	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Beryllium, Total	0.645		mg/kg	0.575	0.063	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Cadmium, Total	2.00		mg/kg	1.15	0.063	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Calcium, Total	3520		mg/kg	11.5	6.52	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Chromium, Total	34.4		mg/kg	1.15	0.975	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Cobalt, Total	15.7		mg/kg	2.30	0.285	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Copper, Total	178		mg/kg	1.15	0.261	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Iron, Total	90600		mg/kg	28.7	6.04	10	04/12/25 17:37	04/14/25 08:50	EPA 3050B	1,6010D	MRP
Lead, Total	620		mg/kg	5.75	0.274	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Magnesium, Total	3160		mg/kg	11.5	1.87	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Manganese, Total	796		mg/kg	1.15	0.616	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Mercury, Total	0.558		mg/kg	0.106	0.069	1	04/12/25 16:24	04/13/25 13:51	EPA 7471B	1,7471B	CME
Nickel, Total	33.3		mg/kg	2.87	0.929	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Potassium, Total	1520		mg/kg	287	58.3	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Selenium, Total	0.545	J	mg/kg	2.30	0.378	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	0.575	0.343	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Sodium, Total	468		mg/kg	230	122.	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	2.30	1.04	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Vanadium, Total	41.5		mg/kg	1.15	0.174	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP
Zinc, Total	511		mg/kg	5.75	0.697	2	04/12/25 17:37	04/14/25 07:19	EPA 3050B	1,6010D	MRP

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-02
Client ID: EP-1-C (4-4.5)
Sample Location: WATER ST., OSSINING, NY
Date Collected: 04/11/25 14:14
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 66%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7560		mg/kg	12.0	3.89	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	5.98	4.61	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Arsenic, Total	34.1		mg/kg	1.20	0.517	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Barium, Total	83.9		mg/kg	1.20	0.127	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Beryllium, Total	0.346	J	mg/kg	0.598	0.066	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Cadmium, Total	0.945	J	mg/kg	1.20	0.066	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Calcium, Total	45500		mg/kg	12.0	6.78	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Chromium, Total	31.9		mg/kg	1.20	1.01	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Cobalt, Total	12.4		mg/kg	2.39	0.297	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Copper, Total	180		mg/kg	1.20	0.272	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Iron, Total	95800		mg/kg	29.9	6.28	10	04/12/25 17:37	04/14/25 08:54	EPA 3050B	1,6010D	MRP
Lead, Total	465		mg/kg	5.98	0.285	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Magnesium, Total	2700		mg/kg	12.0	1.95	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Manganese, Total	513		mg/kg	1.20	0.641	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Mercury, Total	0.577		mg/kg	0.108	0.071	1	04/12/25 16:24	04/13/25 13:54	EPA 7471B	1,7471B	CME
Nickel, Total	29.2		mg/kg	2.99	0.967	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Potassium, Total	1800		mg/kg	299	60.7	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Selenium, Total	0.957	J	mg/kg	2.39	0.394	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	0.598	0.356	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Sodium, Total	235	J	mg/kg	239	127.	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	2.39	1.08	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Vanadium, Total	41.9		mg/kg	1.20	0.181	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP
Zinc, Total	285		mg/kg	5.98	0.725	2	04/12/25 17:37	04/14/25 07:22	EPA 3050B	1,6010D	MRP

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-03
Client ID: EP-1-E (4-4.5)
Sample Location: WATER ST., OSSINING, NY
Date Collected: 04/11/25 12:58
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7550		mg/kg	52.6	17.1	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	26.3	20.3	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Arsenic, Total	30.0		mg/kg	5.26	2.27	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Barium, Total	276		mg/kg	5.26	0.558	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Beryllium, Total	0.313	J	mg/kg	2.63	0.290	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Cadmium, Total	1.70	J	mg/kg	5.26	0.290	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Calcium, Total	29300		mg/kg	52.6	29.8	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Chromium, Total	55.2		mg/kg	5.26	4.46	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Cobalt, Total	14.4		mg/kg	10.5	1.30	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Copper, Total	173		mg/kg	5.26	1.20	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Iron, Total	90000		mg/kg	26.3	5.53	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Lead, Total	637		mg/kg	26.3	1.25	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Magnesium, Total	3570		mg/kg	52.6	8.58	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Manganese, Total	695		mg/kg	5.26	2.82	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Mercury, Total	0.674		mg/kg	0.096	0.062	1	04/12/25 16:24	04/13/25 13:58	EPA 7471B	1,7471B	CME
Nickel, Total	33.1		mg/kg	13.2	4.25	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Potassium, Total	2220		mg/kg	1320	267.	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Selenium, Total	ND		mg/kg	10.5	1.73	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	2.63	1.57	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Sodium, Total	ND		mg/kg	1050	558.	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	10.5	4.75	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Vanadium, Total	41.6		mg/kg	5.26	0.795	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP
Zinc, Total	376		mg/kg	26.3	3.19	10	04/12/25 17:37	04/14/25 08:57	EPA 3050B	1,6010D	MRP

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG2052992-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Antimony, Total	ND		mg/kg	2.00	1.54	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Arsenic, Total	ND		mg/kg	0.400	0.173	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Barium, Total	ND		mg/kg	0.400	0.042	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Beryllium, Total	ND		mg/kg	0.200	0.022	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Cadmium, Total	ND		mg/kg	0.400	0.022	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Calcium, Total	ND		mg/kg	4.00	2.27	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Chromium, Total	ND		mg/kg	0.400	0.339	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Cobalt, Total	ND		mg/kg	0.800	0.099	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Copper, Total	ND		mg/kg	0.400	0.091	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Iron, Total	1.41	J	mg/kg	2.00	0.420	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Lead, Total	ND		mg/kg	2.00	0.095	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Magnesium, Total	ND		mg/kg	4.00	0.652	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Manganese, Total	ND		mg/kg	0.400	0.214	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Nickel, Total	ND		mg/kg	1.00	0.323	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Potassium, Total	ND		mg/kg	100	20.3	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Selenium, Total	ND		mg/kg	0.800	0.132	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Silver, Total	ND		mg/kg	0.200	0.119	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Sodium, Total	ND		mg/kg	80.0	42.4	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Thallium, Total	ND		mg/kg	0.800	0.361	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Vanadium, Total	ND		mg/kg	0.400	0.060	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP
Zinc, Total	ND		mg/kg	2.00	0.242	1	04/12/25 17:37	04/14/25 06:07	1,6010D	MRP

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG2052996-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/12/25 16:24	04/13/25 12:01	1,7471B	CME

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG2052992-2								
Aluminum, Total	99		-		80-120	-		
Antimony, Total	97		-		80-120	-		
Arsenic, Total	99		-		80-120	-		
Barium, Total	100		-		80-120	-		
Beryllium, Total	103		-		80-120	-		
Cadmium, Total	94		-		80-120	-		
Calcium, Total	104		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	98		-		80-120	-		
Copper, Total	92		-		80-120	-		
Iron, Total	105		-		80-120	-		
Lead, Total	102		-		80-120	-		
Magnesium, Total	100		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	99		-		80-120	-		
Potassium, Total	106		-		80-120	-		
Selenium, Total	99		-		80-120	-		
Silver, Total	98		-		80-120	-		
Sodium, Total	105		-		80-120	-		
Thallium, Total	100		-		80-120	-		
Vanadium, Total	99		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG2052992-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG2052996-2					
Mercury, Total	99	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2052992-3 QC Sample: L2522276-04 Client ID: MS Sample												
Aluminum, Total	8130	180	10200	**1150**	Q	-	-		75-125	-		20
Antimony, Total	ND	45	13.9	**31**	Q	-	-		75-125	-		20
Arsenic, Total	2.66	10.8	15.8	122		-	-		75-125	-		20
Barium, Total	40.9	180	203	90		-	-		75-125	-		20
Beryllium, Total	0.191J	4.5	4.12	92		-	-		75-125	-		20
Cadmium, Total	ND	4.77	4.14	87		-	-		75-125	-		20
Calcium, Total	59400	900	5650	**0**	Q	-	-		75-125	-		20
Chromium, Total	16.5	18	38.4	122		-	-		75-125	-		20
Cobalt, Total	3.93	45	43.3	87		-	-		75-125	-		20
Copper, Total	14.0	22.5	46.4	**144**	Q	-	-		75-125	-		20
Iron, Total	14000	90	23000	**9990**	Q	-	-		75-125	-		20
Lead, Total	23.5	47.7	81.8	122		-	-		75-125	-		20
Magnesium, Total	5120	900	4820	**0**	Q	-	-		75-125	-		20
Manganese, Total	205	45	325	**266**	Q	-	-		75-125	-		20
Nickel, Total	9.18	45	49.7	90		-	-		75-125	-		20
Potassium, Total	1010	900	1690	76		-	-		75-125	-		20
Selenium, Total	ND	10.8	8.36	77		-	-		75-125	-		20
Silver, Total	ND	4.5	3.87	86		-	-		75-125	-		20
Sodium, Total	ND	900	925	103		-	-		75-125	-		20
Thallium, Total	ND	10.8	9.54	88		-	-		75-125	-		20
Vanadium, Total	19.4	45	63.1	97		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2052992-3 QC Sample: L2522276-04 Client ID: MS Sample									
Zinc, Total	51.2	45	104	117	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2052996-3 QC Sample: L2522276-04 Client ID: MS Sample									
Mercury, Total	0.081	1.48	1.59	102	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2052992-4 QC Sample: L2522276-04 Client ID: DUP Sample						
Aluminum, Total	8130	8460	mg/kg	4		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.66	2.80	mg/kg	5		20
Barium, Total	40.9	36.5	mg/kg	11		20
Beryllium, Total	0.191J	0.231J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	59400	39200	mg/kg	**41**	Q	20
Chromium, Total	16.5	18.9	mg/kg	14		20
Cobalt, Total	3.93	4.41	mg/kg	12		20
Copper, Total	14.0	14.5	mg/kg	4		20
Lead, Total	23.5	27.6	mg/kg	16		20
Magnesium, Total	5120	4400	mg/kg	15		20
Manganese, Total	205	208	mg/kg	1		20
Nickel, Total	9.18	10.1	mg/kg	10		20
Potassium, Total	1010	912	mg/kg	10		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	ND	ND	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2052992-4 QC Sample: L2522276-04 Client ID: DUP Sample						
Vanadium, Total	19.4	20.8	mg/kg	7		20
Zinc, Total	51.2	46.6	mg/kg	9		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2052992-4 QC Sample: L2522276-04 Client ID: DUP Sample						
Iron, Total	14000	14800	mg/kg	6		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2052996-4 QC Sample: L2522276-04 Client ID: DUP Sample						
Mercury, Total	0.081	0.108	mg/kg	**28**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-01
Client ID: EP-1-S (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 14:41
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	68.7		%	0.100	NA	1	-	04/12/25 11:35	121,2540G	ROI
Cyanide, Total	74		mg/kg	6.8	1.4	5	04/12/25 21:20	04/14/25 14:31	1,9010C/9012B	JER

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-02
Client ID: EP-1-C (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 14:14
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	65.7		%	0.100	NA	1	-	04/12/25 11:35	121,2540G	ROI
Cyanide, Total	52		mg/kg	2.9	0.61	2	04/12/25 21:20	04/14/25 14:32	1,9010C/9012B	JER

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

SAMPLE RESULTS

Lab ID: L2522480-03
Client ID: EP-1-E (4-4.5)
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/11/25 12:58
Date Received: 04/11/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.5		%	0.100	NA	1	-	04/12/25 11:35	121,2540G	ROI
Cyanide, Total	30		mg/kg	1.3	0.28	1	04/12/25 21:20	04/14/25 14:35	1,9010C/9012B	JER

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG2053050-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	04/12/25 21:20	04/14/25 13:59	1,9010C/9012B	JER

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG2053050-2 WG2053050-3								
Cyanide, Total	92		102		80-120	10		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 EP-1-S (4-4.5)	QC Batch ID: WG2053050-4					WG2053050-5		QC Sample: L2522480-01		Client ID:		
Cyanide, Total	74	14	74	**0**	Q	83	**57**	Q	75-125	NC		35
General Chemistry - Westborough Lab Associated sample(s): 01-03 EP-1-C (4-4.5)	QC Batch ID: WG2053050-6					WG2053050-7		QC Sample: L2522480-02		Client ID:		
Cyanide, Total	52	14	53	**2**	Q	46	**0**	Q	75-125	14		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 30 WATER ST

Project Number: 11498

Lab Number: L2522480

Report Date: 04/14/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG2052956-1 QC Sample: L2520843-44 Client ID: DUP Sample						
Solids, Total	85.7	87.6	%	2		20

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2522480-01A	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2522480-01B	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2522480-01C	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2522480-01D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2522480-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2522480-01F	Glass 250ml/8oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2522480-01X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2522480-01Y	Vial Water preserved split	A	NA		2.9	Y	Absent	13-APR-25 04:33	NYTCL-8260HLW(14)
L2522480-01Z	Vial Water preserved split	A	NA		2.9	Y	Absent	13-APR-25 04:33	NYTCL-8260HLW(14)
L2522480-02A	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2522480-02B	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2522480-02C	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2522480-02D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2522480-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2522480
Report Date: 04/14/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2522480-02F	Glass 250ml/8oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2522480-02X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2522480-02Y	Vial Water preserved split	A	NA		2.9	Y	Absent	13-APR-25 04:33	NYTCL-8260HLW(14)
L2522480-02Z	Vial Water preserved split	A	NA		2.9	Y	Absent	13-APR-25 04:33	NYTCL-8260HLW(14)
L2522480-03A	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2522480-03B	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2522480-03C	5 gram Encore Sampler	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2522480-03D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2522480-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2522480-03F	Glass 250ml/8oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2522480-03X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2522480-03Y	Vial Water preserved split	A	NA		2.9	Y	Absent	13-APR-25 04:33	NYTCL-8260HLW(14)
L2522480-03Z	Vial Water preserved split	A	NA		2.9	Y	Absent	13-APR-25 04:33	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	30 WATER ST	**Lab Number:**	L2522480
Project Number:	11498	**Report Date:**	04/14/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	30 WATER ST	**Lab Number:**	L2522480
Project Number:	11498	**Report Date:**	04/14/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	30 WATER ST	**Lab Number:**	L2522480
Project Number:	11498	**Report Date:**	04/14/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2522480
Report Date: 04/14/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 4/12/25

L2522480
SESI

Client Information

Client: SESI
Address: 959 US 46 Rt 3 Suite 320
Parsippany, NJ
Phone: 973-518-9042
Fax:
Email: Chris.Malvicini@Sesi.org

Project Information

Project Name: 30 Water St
Project Location: OSSINING, NY
Project #: 11498
(Use Project name as Project #) ☐
Project Manager: Chris Malvicini
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 24 Hr

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

TCL/TAL

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL/TAL	Sample Specific Comments
2480 -01	EP-1-S (4-4.5)	4/11/25	14:41	S	A.Dirle	x	
02	EP-1-C (4-4.5)	4/11/25	14:14	S	A.Dirle	X	
03	EP-1-E (4-4.5)	4/11/25	12:58	S	A.Dirle	x	

Container Type: A, P, E
Preservative:

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
ANDREI DIRLE	4/11/25 16:00	PACE	4/11/25 16:00
NJSO	4/11/25 18:25	PAL	4/11 1640
PAL	4/11		4/12/25 220
	4/12/25 0145		4/12 0145

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2524140
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Christopher Malvicini
Phone:	(973) 808-9050
Project Name:	30 WATER ST
Project Number:	11498
Report Date:	04/21/25

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2524140
Report Date: 04/21/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2524140-01	EP-2-S (4.5'-5')	SOIL	WATER ST., OSSINING, NY	04/18/25 12:48	04/18/25
L2524140-02	EP-2-C (5'-5.5')	SOIL	WATER ST., OSSINING, NY	04/18/25 12:48	04/18/25
L2524140-03	EP-2-E (4.5'-5')	SOIL	WATER ST., OSSINING, NY	04/18/25 12:48	04/18/25

Project Name:	30 WATER ST	**Lab Number:**	L2524140
Project Number:	11498	**Report Date:**	04/21/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	30 WATER ST	**Lab Number:**	L2524140
Project Number:	11498	**Report Date:**	04/21/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L2524140-01D: The sample has elevated detection limits due to the dilution required by the matrix interferences encountered during the concentration of the sample and the analytical dilution required by the sample matrix.

L2524140-01D: The surrogate recoveries are below the acceptance criteria for nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Total Metals

L2524140-01, -02 and -03: The sample has elevated detection limits for all elements due to the dilution required by the sample matrix.

Cyanide, Total

WG2056246: A Matrix Spike/Matrix Spike Duplicate were prepared with the sample batch, however, the native sample was not available for reporting and the QC results could not be reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 04/21/25

ORGANICS

SEMIVOLATILES

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2524140
Report Date: 04/21/25

SAMPLE RESULTS

Lab ID: L2524140-01 D
Client ID: EP-2-S (4.5'-5')
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/18/25 12:48
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/20/25 17:59
Analyst: SLR
Percent Solids: 53%

Extraction Method: EPA 3546
Extraction Date: 04/19/25 03:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	10000	1300	40
2-Chloronaphthalene	ND		ug/kg	12000	1200	40
Fluoranthene	71000		ug/kg	7500	1400	40
Naphthalene	20000		ug/kg	12000	1500	40
Benzo(a)anthracene	120000		ug/kg	7500	1400	40
Benzo(a)pyrene	39000		ug/kg	10000	3000	40
Benzo(b)fluoranthene	220000		ug/kg	7500	2100	40
Benzo(k)fluoranthene	49000		ug/kg	7500	2000	40
Chrysene	160000		ug/kg	7500	1300	40
Acenaphthylene	68000		ug/kg	10000	1900	40
Anthracene	26000		ug/kg	7500	2400	40
Benzo(ghi)perylene	130000		ug/kg	10000	1500	40
Fluorene	7400	J	ug/kg	12000	1200	40
Phenanthrene	38000		ug/kg	7500	1500	40
Dibenzo(a,h)anthracene	34000		ug/kg	7500	1400	40
Indeno(1,2,3-cd)pyrene	92000		ug/kg	10000	1700	40
Pyrene	170000		ug/kg	7500	1200	40
2-Methylnaphthalene	6100	J	ug/kg	15000	1500	40

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
4-Terphenyl-d14	**0**	Q	18-120

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2524140
Report Date: 04/21/25

SAMPLE RESULTS

Lab ID: L2524140-02 D
Client ID: EP-2-C (5'-5.5')
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/18/25 12:48
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/21/25 13:29
Analyst: MRG
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 04/19/25 03:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1900		ug/kg	1900	240	10
2-Chloronaphthalene	ND		ug/kg	2400	230	10
Fluoranthene	63000		ug/kg	1400	270	10
Naphthalene	4200		ug/kg	2400	290	10
Benzo(a)anthracene	40000		ug/kg	1400	260	10
Benzo(a)pyrene	46000		ug/kg	1900	570	10
Benzo(b)fluoranthene	56000		ug/kg	1400	400	10
Benzo(k)fluoranthene	19000		ug/kg	1400	380	10
Chrysene	36000		ug/kg	1400	240	10
Acenaphthylene	10000		ug/kg	1900	360	10
Anthracene	10000		ug/kg	1400	460	10
Benzo(ghi)perylene	28000		ug/kg	1900	280	10
Fluorene	3000		ug/kg	2400	230	10
Phenanthrene	30000		ug/kg	1400	280	10
Dibenzo(a,h)anthracene	6900		ug/kg	1400	270	10
Indeno(1,2,3-cd)pyrene	29000		ug/kg	1900	330	10
Pyrene	57000		ug/kg	1400	230	10
2-Methylnaphthalene	1000	J	ug/kg	2800	280	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	89		30-120
4-Terphenyl-d14	110		18-120

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2524140
Report Date: 04/21/25

SAMPLE RESULTS

Lab ID: L2524140-03 D
Client ID: EP-2-E (4.5'-5')
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/18/25 12:48
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/21/25 13:52
Analyst: MRG
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 04/19/25 03:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1700	220	10
2-Chloronaphthalene	ND		ug/kg	2200	210	10
Fluoranthene	30000		ug/kg	1300	250	10
Naphthalene	1500	J	ug/kg	2200	260	10
Benzo(a)anthracene	20000		ug/kg	1300	240	10
Benzo(a)pyrene	23000		ug/kg	1700	520	10
Benzo(b)fluoranthene	27000		ug/kg	1300	360	10
Benzo(k)fluoranthene	10000		ug/kg	1300	340	10
Chrysene	18000		ug/kg	1300	220	10
Acenaphthylene	4600		ug/kg	1700	330	10
Anthracene	3800		ug/kg	1300	420	10
Benzo(ghi)perylene	15000		ug/kg	1700	250	10
Fluorene	680	J	ug/kg	2200	210	10
Phenanthrene	7600		ug/kg	1300	260	10
Dibenzo(a,h)anthracene	3700		ug/kg	1300	250	10
Indeno(1,2,3-cd)pyrene	15000		ug/kg	1700	300	10
Pyrene	28000		ug/kg	1300	210	10
2-Methylnaphthalene	370	J	ug/kg	2600	260	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	94		18-120

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2524140
Report Date: 04/21/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/19/25 12:01
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 04/18/25 17:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2055860-1					
Acenaphthene	ND		ug/kg	130	17.
2-Chloronaphthalene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	97	19.
Naphthalene	ND		ug/kg	160	20.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
2-Methylnaphthalene	ND		ug/kg	190	20.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	53		30-120
4-Terphenyl-d14	48		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2524140
Report Date: 04/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2055860-2 WG2055860-3								
Acenaphthene	72		61		31-137	17		50
2-Chloronaphthalene	68		57		40-140	18		50
Fluoranthene	71		61		40-140	15		50
Naphthalene	74		62		40-140	18		50
Benzo(a)anthracene	72		62		40-140	15		50
Benzo(a)pyrene	83		72		40-140	14		50
Benzo(b)fluoranthene	76		68		40-140	11		50
Benzo(k)fluoranthene	80		69		40-140	15		50
Chrysene	73		64		40-140	13		50
Acenaphthylene	77		64		40-140	18		50
Anthracene	73		63		40-140	15		50
Benzo(ghi)perylene	78		66		40-140	17		50
Fluorene	72		60		40-140	18		50
Phenanthrene	71		61		40-140	15		50
Dibenzo(a,h)anthracene	76		65		40-140	16		50
Indeno(1,2,3-cd)pyrene	79		64		40-140	21		50
Pyrene	69		60		35-142	14		50
2-Methylnaphthalene	69		57		40-140	19		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2524140
Report Date: 04/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2055860-2 WG2055860-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	66		61		23-120
2-Fluorobiphenyl	62		58		30-120
4-Terphenyl-d14	65		63		18-120

METALS

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2524140
Report Date: 04/21/25

SAMPLE RESULTS

Lab ID: L2524140-01
Client ID: EP-2-S (4.5'-5')
Sample Location: WATER ST., OSSINING, NY
Date Collected: 04/18/25 12:48
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 53%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	84.2		mg/kg	7.33	3.17	10	04/19/25 14:28	04/21/25 11:17	EPA 3050B	1,6010D	DHL
Lead, Total	196		mg/kg	36.6	1.74	10	04/19/25 14:28	04/21/25 11:17	EPA 3050B	1,6010D	DHL

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2524140
Report Date: 04/21/25

SAMPLE RESULTS

Lab ID: L2524140-02
Client ID: EP-2-C (5'-5.5')
Sample Location: WATER ST., OSSINING, NY
Date Collected: 04/18/25 12:48
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	14.7		mg/kg	1.07	0.462	2	04/19/25 14:28	04/21/25 08:23	EPA 3050B	1,6010D	DHL
Lead, Total	273		mg/kg	5.35	0.255	2	04/19/25 14:28	04/21/25 08:23	EPA 3050B	1,6010D	DHL

Project Name: 30 WATER ST
Lab Number: L2524140
Project Number: 11498
Report Date: 04/21/25

SAMPLE RESULTS

Lab ID: L2524140-03
Client ID: EP-2-E (4.5'-5')
Sample Location: WATER ST., OSSINING, NY
Date Collected: 04/18/25 12:48
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	16.7		mg/kg	1.05	0.452	2	04/19/25 14:28	04/21/25 08:26	EPA 3050B	1,6010D	DHL
Lead, Total	153		mg/kg	5.23	0.249	2	04/19/25 14:28	04/21/25 08:26	EPA 3050B	1,6010D	DHL

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2524140
Report Date: 04/21/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG2056045-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	04/19/25 14:28	04/21/25 07:28	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.095	1	04/19/25 14:28	04/21/25 07:28	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2524140
Report Date: 04/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG2056045-2								
Arsenic, Total	97		-		80-120	-		
Lead, Total	98		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2524140
Report Date: 04/21/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2056045-3 QC Sample: L2522665-01 Client ID: MS Sample												
Arsenic, Total	5.29	13.2	19.6	108		-	-		75-125	-		20
Lead, Total	8.61	58.4	65.6	98		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 30 WATER ST

Project Number: 11498

Lab Number: L2524140

Report Date: 04/21/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2056045-4 QC Sample: L2522665-01 Client ID: DUP Sample						
Arsenic, Total	5.29	5.72	mg/kg	8		20
Lead, Total	8.61	11.1	mg/kg	**25**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2524140
Report Date: 04/21/25

SAMPLE RESULTS

Lab ID: L2524140-01
Client ID: EP-2-S (4.5'-5')
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/18/25 12:48
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	53.3		%	0.100	NA	1	-	04/19/25 05:02	121,2540G	JMN
Cyanide, Total	140		mg/kg	9.2	1.9	5	04/20/25 11:45	04/21/25 12:25	1,9010C/9012B	JER

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2524140
Report Date: 04/21/25

SAMPLE RESULTS

Lab ID: L2524140-02
Client ID: EP-2-C (5'-5.5')
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/18/25 12:48
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.7		%	0.100	NA	1	-	04/19/25 05:02	121,2540G	JMN
Cyanide, Total	37		mg/kg	2.8	0.58	2	04/20/25 11:45	04/21/25 12:26	1,9010C/9012B	JER

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2524140
Report Date: 04/21/25

SAMPLE RESULTS

Lab ID: L2524140-03
Client ID: EP-2-E (4.5'-5')
Sample Location: WATER ST., OSSINING, NY

Date Collected: 04/18/25 12:48
Date Received: 04/18/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.4		%	0.100	NA	1	-	04/19/25 05:02	121,2540G	JMN
Cyanide, Total	28		mg/kg	2.4	0.26	2	04/20/25 11:45	04/21/25 12:23	1,9010C/9012B	JER

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2524140
Report Date: 04/21/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG2056246-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	04/20/25 11:45	04/21/25 11:44	1,9010C/9012B	JER

Lab Control Sample Analysis
Batch Quality Control

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2524140
Report Date: 04/21/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG2056246-2 WG2056246-3								
Cyanide, Total	97		94		80-120	3		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 30 WATER ST

Project Number: 11498

Lab Number: L2524140

Report Date: 04/21/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG2055948-1 QC Sample: L2524138-02 Client ID: DUP Sample						
Solids, Total	94.4	94.6	%	0		20

Project Name: 30 WATER ST
Project Number: 11498

Lab Number: L2524140
Report Date: 04/21/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2524140-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		AS-TI(180),PB-TI(180)
L2524140-01B	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2524140-01C	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		TCN-9010(14),NYTCL-PAH(14)
L2524140-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		AS-TI(180),PB-TI(180)
L2524140-02B	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2524140-02C	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		TCN-9010(14),NYTCL-PAH(14)
L2524140-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		AS-TI(180),PB-TI(180)
L2524140-03B	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2524140-03C	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-PAH(14),TCN-9010(14)

*Values in parentheses indicate holding time in days

Project Name:	30 WATER ST	**Lab Number:**	L2524140
Project Number:	11498	**Report Date:**	04/21/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	30 WATER ST	**Lab Number:**	L2524140
Project Number:	11498	**Report Date:**	04/21/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	30 WATER ST	**Lab Number:**	L2524140
Project Number:	11498	**Report Date:**	04/21/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 30 WATER ST
Project Number: 11498
Lab Number: L2524140
Report Date: 04/21/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab 4/18/25

ALP L2524140 SESI

Client Information

Client: SESI
Address: 959 US 46 Fl 3 Suite 300, Parsippany, NJ
Phone: 973-518-8042
Fax:
Email: Chris.Malvicini@sesi.org

Project Information

Project Name: 30 Water St
Project Location: Ossining, NY
Project # 11498
(Use Project name as Project #) ☐
Project Manager: Chris Malvicini
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 24 hr

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PAHs	Total Arsenic	Total Lead	Total Cyanide					Sample Specific Comments
24140-01	EP-2-S (4.5'-5')	4/18/25	12:48	S	E. Trejo	X	X	X	X					
02	EP-2-C (5'-5.5')	4/18/25	12:44	S	E. Trejo	X	X	X	X					
03	EP-2-E (4.5'-5')	4/18/25	12:57	S	E. Trejo	X	X	X	X					

Container Type: A, P, E
Preservative:

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Elias Trejo	4/18/25 14:30	[illegible]	4/18/25 14:30
[illegible]	4/18/25 18:30	[illegible]	4/18/25 16:51
[illegible]	4/18/25 2030	[illegible]	4/18 2030
[illegible]	4/18 2320	[illegible]	04/18/25 2320

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)