SESI
CONSULTING ENGINEERS

Geotechnical
Environmental
Site Civil

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

Phase II Environmental Site Assessment Report

For:

418 N Division Street

Peekskill, NY 10528

Prepared for:
418 North Division Street LLC
Prepared: March 2025
Updated: March 2026

SESI Contact:
Fuad Dahan
fd@sesi.org

SESI Project No:
13904

TABLE OF CONTENTS

LIST OF ACRONYMS i
1.0 INTRODUCTION 2
1.1. SITE SETTING 2
1.2. SITE HISTORY 3
1.3. CONTAMINANTS OF CONCERN 4
1.4. PREVIOUS ENVIRONMENTAL INVESTIGATIONS AND REMEDIATIONS 4
2.0 SUBSURFACE INVESTIGATION 5
2.1. UTILITY CLEARANCE AND GEOPHYSICAL SURVEY 5
2.2. PHASE II ESA FIELD ACTIVITIES 5
3.0 PHASE II ESA FINDINGS 9
3.1. GEOLOGY AND HYDROGEOLOGY 9
3.2. SOIL INVESTIGATION RESULTS 10
3.2.1. Volatile Organic Compounds 12
3.2.2. Semi Volatile Organic Compounds 12
3.2.3. Pesticides 13
3.2.4. PCBs 13
3.2.5. Metals 13
3.2.6. Summary of Soil Analytical Results 13
3.3. GROUNDWATER INVESTIGATION RESULTS 13
3.3.1. Volatile Organic Compounds 14
3.3.2. Semi Volatile Organic Compounds 14
3.3.3. Perfluorinated Alkyl Acids 15
3.3.4. Metals 15
3.3.5. Summary of Groundwater Analytical Results 15
3.4. SUB-SLAB/SOIL VAPOR INVESTIGATION RESULTS 15
4.0 CONCLUSIONS AND RECOMMENDATIONS 16
4.1. SOIL 16
4.2. GROUNDWATER 17
4.3. SOIL VAPOR 18
4.4. SUMMARY 19

TABLES

TABLE 1.1 SUMMARY OF SURROUNDING PROPERTIES
TABLE 1.2 SUMMARY OF SITE HISTORY
TABLE 1.3 SUMMARY OF CONTAMINANTS OF CONCERN
TABLE 2.1 SUMMARY OF SAMPLE COLLECTION
TABLE 3.1 SOIL SAMPLE RESULTS
TABLE 3.2 SUMMARY OF SOIL SAMPLE EXCEEDANCES
TABLE 3.3 GROUNDWATER ANALYTICAL RESULTS
TABLE 3.4 SUMMARY OF GROUNDWATER SAMPLE EXCEEDANCES
TABLE 3.5 SOIL VAPOR SAMPLE RESULTS
TABLE 3.6 SUMMARY OF SOIL VAPOR DETECTIONS

FIGURES

FIGURE 1.1 SITE LOCATION MAP
FIGURE 1.2 SITE PLAN
FIGURE 2.1 BORING LOCATION PLAN
FIGURE 3.1 SOIL SAMPLE LOCATIONS AND CONCENTRATIONS PLAN
FIGURE 3.2 GROUNDWATER SAMPLE LOCATIONS AND CONCENTRATIONS PLAN
FIGURE 3.3 SOIL VAPOR SAMPLING LOCATIONS AND CONCENTRATIONS PLAN

APPENDICES

APPENDIX A BORING LOGS
APPENDIX B LABORATORY REPORTS

LIST OF ACRONYMS

Acronym	Definition
AWQS	Class GA Ambient Water Quality Standards and Guidance Values
ELAP	Environmental laboratory Accreditation Program
ESA	Environmental Site Assessment
MSL	Mean Sea Level
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PCB	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PFAS	Per- and Polyfluoroalkyl Substances
PFOA	Perfluorooctanic Acid
PFOS	Perfluorooctanesulfonic Acid
PID	Photoionization Detector
RRSCO	Restricted Residential Soil Cleanup Objective
RSCO	Residential Soil Cleanup Objective
SESI	SESI Consulting Engineers, DPC
SVOC	Semi-Volatile Organic Compound
TAL	Target Analyte List
TCL	Target Compound List
TCE	Trichloroethene
TOGS	Technical and Operational Guidance Series 1.1.1
UUSCO	Unrestricted Use Soil Cleanup Objective
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VAPS	volume-averaged purging and sampling
VOC	Volatile Organic Compound

1.0 INTRODUCTION

SESI Consulting Engineers (SESI) conducted this Phase II Environmental Site Assessment (Phase II ESA) on behalf of 418 North Division Street LLC for the property located at 418 N Division Street and 407, 425, and 427 Highland Avenue, Peekskill, New York. The assessed parcels include Parcel ID 23.78-1-9, 23.78-1-10 (subdivided as 23.78-1-10A and 23.78-1-10B), 23.78-1-12, and 23.78-1-11 (collectively referred to as the "Site"). A Site Location Map is presented as **Figure 1.1**.

A Site Plan / Tax Map is presented as **Figure 1.2**.

This Phase II Site investigation report complies with the 2019 American Society for Testing and Materials Standard (ASTM E1903-19) and the New York State Department of Environmental Conservation ("NYSDEC") Guidance Document for Site Investigations DER-10.

1.1. SITE SETTING

The Site encompasses four (4) contiguous parcels, identified on local tax maps as 23.78-1-9, 23.78-1-10, 23.78-1-12, and 23.78-1-11, with a combined area of approximately 1.07 acre. Lot 9, located at 418 N Division Street, is currently developed with a one-story commercial building and associated loading area. Lot 10, located at 407 Highland Avenue, contains a two-story stone commercial building, a one-story concrete commercial building, a two-story concrete commercial building, a driveway, and parking/loading area. Lot 12, located at 425 Highland Avenue, contains a two-story concrete and stone commercial building. Lot 11, located at 427 Highland Avenue, contains a one-story concrete commercial building. The buildings at Lot 9 and Lot 10 are connected from inside. The Site is currently unoccupied.

Topographically, based on information provided in the November 18, 2024, Topographic Survey of Property prepared by Geologic Land Surveying, PLLC, the project area generally slopes downward from a high point in the northeastern portion of the site, with an approximate elevation of ±198 feet, to a low point in the northwestern portion of the project area, with an approximate elevation of ±174 feet. Additionally, the site slopes downward from a high point in the southwestern portion of the site, with an approximate elevation of ±177.5 feet, to the low point in the northwestern portion of the site, with an approximate elevation of ±174 feet.

The Site is situated within a mixed-use residential and commercial area. **Figure 1.2** presents a Site Plan, and adjacent properties are summarized in **Table 1.1** below.

Table 1.1: Summary of Surrounding Properties

Direction	**Adjacent Property**
North	Residential
South	Commercial (a grocery store) and residential
East	Commercial (an auto shop and a restaurant) and residential
West	Residential

Based on recent discussions with the project team and the latest architectural plans prepared by Marin Architects, dated January 6, 2025, the proposed development will involve demolishing the existing on-site buildings and constructing a six-story mixed-use building with multiple cellar levels.

1.2. SITE HISTORY

A summary of Site history is provided in **Table 1.2** below:

Table 1.2: Summary of Site history

	Year developed	Operation
Lot 9	Appx. 1971	~1971 to ~1982: St Labor Unemployment Office ~1987: Wayne Printing & Lith Sometime after 1987: Part of the steam laundry
Lot 10A (Building I)	Developed prior to 1887 and expanded around 1905	Sometime before 1887 to ~1942: Carpenter ~1942 to ~ 2001: Steam Laundry
Lot 10A (Building II)	Appx. 1911	~1911 to ~1942: Carpenter ~1942 to 2001: Steam Laundry
Lot 10A (Building III)	Appx. 1950 and expanded between 1974 and 2006	~1950 to ~2001: Steam Laundry
Lot 10B	Appx. 1911	~1911 to ~1964: Dairy Factory ~1964 to ~2001: Part of Steam Laundry
Lot 11	Appx. 1923	~1923 to sometime after 1972: Garage ~1972: Marin Heating & Air Conditioner ~1977: Highland Industrial Supplies, United Machine & Metal
Lot 12	Appx. 1923	~1950 to ~2020: Fire Department

Based on the information above, various operations at the Site have likely involved the use of hazardous materials and petroleum products, including steam laundry, carpentry, and mechanical activities.

Notably, A & N Cleaners & Launderers and Croton Cleaners & Launderers, which operated at the Site between 1971 and 1976, were listed as dry-cleaning plants in the EDR Hist Cleaner database. Additionally, White Plains Linen/Highland Laundry, which operated at the Site from 1978 to 2001, was listed in the NY Drycleaner database. These dry-cleaning operations likely used chlorinated solvents.

1.3. CONTAMINANTS OF CONCERN

Based on the historical operations at the Site, a list of contaminants of concern is summarized below:

Table 1.3: Summary of Contaminants of Concern

Contaminants	Associated Activities
PAHs	Coal storage and handling (coal was used to generate steam), carpenter, mechanic shop, and historic fill
Metals	Coal storage and handling, carpenter, mechanic shop, and historic fill
Chlorinated Solvents	Drycleaning, carpenter, and mechanic shop
Non-halogen Solvents	Carpenter and mechanic shop
Coal Tar and Creosote	Coal storage and handling
Fuel Oil	USTs and ASTs are/were currently/historically present at Site. Fuel oil was used for heating and generating steam
Waste Oil	Carpenter and metal processing
PFAS	Firefighting foam stored in the fire dept.
Pesticides	Historic fill

1.4. PREVIOUS ENVIRONMENTAL INVESTIGATIONS AND REMEDIATIONS

No environmental investigation is known to have been conducted at the site. Based on NY Spills database, three (3) spills were reported. The release materials include fuel oil and MTBE. All three (3) spills were reportedly closed. In addition, based on the NY UST database, a 1000-gal #2 fuel oil tank was removed on October 20, 2014. Details were not made available.

In addition, based on the operation history of the site, various operations at the Site have likely involved the use of hazardous materials and petroleum products, including steam laundry, carpentry, and scrap metal activities.

Therefore, further investigation of the Site was warranted.

2.0 SUBSURFACE INVESTIGATION

SESI conducted a Phase II ESA to investigate potential environmental impacts at the Site. The project included the installation of soil borings and soil sampling, installation of temporary groundwater monitoring wells and collection of groundwater samples, and installation and sampling of soil vapor points. The fieldwork was conducted on December 19 and 20, 2024 and from January 28 to 31, 2025.

In addition, a geotechnical investigation was conducted concurrently with the environmental investigation. A total of six (6) geotechnical borings were installed, which provided supplemental information regarding the lithology of the Site.

2.1. UTILITY CLEARANCE AND GEOPHYSICAL SURVEY

Prior to subsurface drilling, SESI's drilling contractor, PG Environmental Services, Inc., contacted New York's utility mark-out system. Additionally, SESI retained PG Environmental Services, Inc. to locate underground utilities not covered by the one-call system and to conduct a geophysical survey at the Site using ground-penetrating radar (GPR). The GPR survey was conducted to clear soil boring locations and to preliminarily screen the presence of USTs. No anomalies indicative of USTs were identified. The absence of USTs will be further confirmed during the Remedial Investigation phase through additional non-intrusive and/or intrusive investigations.

2.2. PHASE II ESA FIELD ACTIVITIES

Thirty-five (35) direct push borings were advanced using a Geoprobe on the Site. Boring locations were distributed throughout the footprint of the Site and targeted to areas of suspected impacts.

A total of 35 soil samples and three (3) groundwater samples were collected and analyzed at Alpha Analytical, a laboratory certified under the New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP). Additionally, three (3) sub-slab soil vapor samples were collected and analyzed at Phoenix Laboratories, another ELAP-certified laboratory. The boring and sampling locations are shown in **Figure 2.1** and a sample summary table is provided as **Table 2.1**.

The soil cores were screened using a photoionization detector (PID), and visual and olfactory evidence of contamination. The soil samples were collected from each boring from the interval that exhibited the greatest evidence of impacts based on field screening or based upon professional judgment if no impacts were observed. All soil samples were named based on their respective soil boring number and specified depth. PID readings and detailed soil descriptions are provided in the boring logs presented in **Appendix A**.

Groundwater samples were collected from borings SB-1 (TW-1), SB-3 (TW-2), and SB-6 (TW-3). Each temporary well was constructed with a 1-inch casing and a screen up to 10 ft installed to the bottom of the borings. All temporary wells were sampled using the volume-averaged purging and sampling (VAPS) method. Temporary well point TW-4, which was installed at GT-2, was dry and did not collect any water; therefore, no groundwater sample was collected from this TW.

Three (3) sub-slab soil vapor samples were collected from beneath the corresponding building slabs. Helium tests were conducted prior to sampling to confirm the integrity of the enclosure and ensure there were no leaks. Soil vapor samples were collected using 6-liter Summa canisters with a 2-hour collection period. All sampling was performed in accordance with the *NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (October 2006).

Soil and groundwater samples were analyzed for Target Compound List (TCL)/Target Analyte List (TAL) +30 list including volatile organic compounds (VOCs) by EPA Method 8260, semi-VOCs (SVOCs) by EPA Method 8270, TAL metals, PCBs by EPA Method 8082A, pesticides by EPA Method 8081, in addition to cyanide. Additionally, groundwater samples collected at TW-2 and TW-3 were analyzed for per and polyfluoroalkyl substances (PFAS) by EPA Method 1633. Soil vapor samples were analyzed for VOCs in accordance with EPA Method TO-15.

Table 2.1: Summary of Sample Collection

Soil Samples					
Soil Samples	**Type**	**Terminal Depth (ft)**	**Sample Depth (ft)**	**Date**	**Analysis**
SB-01	Soil Boring	10	3.5-4	12/19/2024	TCL+30/TAL
SB-02	Soil Boring	10	0.5-1	12/19/2024	TCL+30/TAL
SB-03	Soil Boring	8	5-5.5	12/19/2024	TCL+30/TAL
SB-04	Soil Boring	NA*	0.5-1	12/19/2024	TCL+30/TAL
SB-05	Soil Boring	NA*	0.5-1	12/20/2024	TCL+30/TAL

Soil Samples					
Soil Samples	**Type**	**Terminal Depth (ft)**	**Sample Depth (ft)**	**Date**	**Analysis**
SB-06	Soil Boring	NA*	0.5-1	12/20/2024	TCL+30/TAL
SB-07	Soil Boring	9	0.5-1	12/20/2024	TCL+30/TAL
SB-08	Soil Boring	7	0.5-1	12/20/2024	TCL+30/TAL
SB-09	Soil Boring	5	0.5-1	12/19/2024	TCL+30/TAL
SB-10	Soil Boring	10	0.5-1	12/19/2024	TCL+30/TAL
SB-11	Soil Boring	5	0.5-1	12/19/2024	TCL+30/TAL
SB-12	Soil Boring	10	0.5-1	12/19/2024	TCL+30/TAL
SB-13	Soil Boring	2	1-1.5	12/19/2024	TCL+30/TAL
SB-14	Soil Boring	2.5	0.5-1	12/19/2024	TCL+30/TAL
SB-15	Soil Boring	5	0.5-1	12/20/2024	TCL+30/TAL
SB-100	Soil Boring	3	1-1.5	1/31/2025	TCL+30/TAL
SB-101	Soil Boring	3	0.5-1	1/31/2025	TCL+30/TAL
SB-102	Soil Boring	7	0.5-1	1/29/2025	TCL+30/TAL
SB-103	Soil Boring	5	1-1.5	1/29/2025	TCL+30/TAL
SB-104	Soil Boring	2	0.5-1	1/31/2025	TCL+30/TAL
SB-105	Soil Boring	4	0.5-1	1/31/2025	TCL+30/TAL
SB-106	Soil Boring	5	0.5-1	1/31/2025	TCL+30/TAL
SB-107	Soil Boring	4	0.5-1	1/28/2025	TCL+30/TAL
SB-108	Soil Boring	9	0.5-1	1/29/2025	TCL+30/TAL
SB-109	Soil Boring	7	0.5-1	1/31/2025	TCL+30/TAL
SB-110	Soil Boring	7	0.5-1	1/28/2025	TCL+30/TAL
SB-111	Soil Boring	9	0.5-1	1/28/2025	TCL+30/TAL
SB-112	Soil Boring	6	0.5-1	1/28/2025	TCL+30/TAL
SB-113	Soil Boring	5	0.5-1	1/28/2025	TCL+30/TAL
SB-114	Soil Boring	9	0.5-1	1/28/2025	TCL+30/TAL
SB-115	Soil Boring	6	0.5-1	1/28/2025	TCL+30/TAL
SB-116	Soil Boring	10	2-2.5	1/28/2025	TCL+30/TAL
SB-117	Soil Boring	2	0.5-1	1/31/2025	TCL+30/TAL
SB-118	Soil Boring	5	3.5-4	1/28/2025	TCL+30/TAL
SB-119	Soil Boring	10	8-8.5	1/28/2025	TCL+30/TAL
GT-1	Soil Boring	10	NA	1/29/2025	NA
GT-2	Soil Boring	13	NA	1/30/2025	NA
GT-3	Soil Boring	6	NA	1/31/2025	NA
GT-4	Soil Boring	21	NA	1/30/2025	NA
GT-5	Soil Boring	12	NA	1/31/2025	NA
GT-6	Soil Boring	24	NA	1/30/2025	NA

Groundwater Samples					
Location Name	**Terminal Depth (ft)**	**Screen Interval (ft)**	**Depth to Water (ft)**	**Date**	**Analysis**
TW-1 / SB-1	10	0-10	+-5	12/19/2024	TCL+30/TAL
TW-2 / SB-3	8	0-8	+-5	12/20/2024	TCL+30/TAL and PFAS
TW-3 / SB-6	NA*	NA*	+-5	12/20/2024	TCL+30/TAL and PFAS
TW-4 / GT-2	13	3-13	Dry	1/30/2025	NA

Soil Vapor Samples					
Location Name	**Type**	**Maximum Depth (ft)**	**Sample Depth (ft)**	**Date**	**Analysis**
SV-1	Sub-Slab	-	Beneath Slab	11/20/2024	TO-15
SV-2	Sub-Slab	-	Beneath Slab	11/20/2024	TO-15
SV-3	Sub-Slab	-	Beneath Slab	2/3/2025	TO-15

NA*: Not Available.

NA: Not Applicable

3.0 PHASE II ESA FINDINGS

3.1. GEOLOGY AND HYDROGEOLOGY

The investigation data indicates the subsurface conditions at the site generally consist of surficial materials, underlain by granular fill, underlain by till, and underlain further by Gneiss bedrock.

The surface materials consisted of asphalt, concrete and sub-base granular materials measured up to six (6) inches.

The granular fill extended to up to +-5 feet below existing grades. The granular fill generally consisted of coarse to fine sand, little to trace amounts of silt, clay and little to some amounts of coarse to fine gravel, with concrete debris.

The natural till consisted predominantly of sand, with little to trace amounts of silts and clays with variable amounts of medium to fine gravel. The natural soils extended to the top of weathered rock and/or bedrock at depths ranging from approximately 1.5 feet to 12 feet corresponding to approximate elevations 159.5 through 186.5.

Weathered/decomposed rock material was encountered in all boring locations in depths ranging from approximately 4 to15 feet below ground surface corresponding to approximate elevations 160.5 through 187.5. The decomposed bedrock extended to top of bedrock at depths ranging from approximately 1 foot to 7.5 feet corresponding to approximate elevations 159.5 through 188.5. During the geotechnical investigation, the weathered rock was augered through using conventional mud rotary drilling techniques and was observed to consist of heavily weathered Gneiss gravel and cobble-sized fragments, little to some amounts of coarse to fine sand and trace amounts of silt and clay.

Bedrock was encountered in all borings at depths ranging from approximately 5 to 16 feet below the existing ground surface. During the geotechnical investigation, a total of six (6) 5-foot rock cores were collected at boring locations GT-1, GT-2, GT-4 and GT-6 upon encountering auger refusal. The bedrock generally consisted of Biotite Gneiss. Rock core recovery ranged from approximately 60 to 100 percent, with a Rock Quality Designation (RQD) ranging from approximately 17 to 78 percent. The upper portions of the bedrock are generally more weathered and RQD generally increases with depth.

Groundwater was encountered in the overburden zone at approximately 5 feet below ground surface (bgs) in the western portion of the Site. However, groundwater was not observed in the overburden zone in the eastern portion of the Site.

3.2. SOIL INVESTIGATION RESULTS

A table of the analytical results compared to NYSDEC Protection of Groundwater Soil Cleanup Objectives (POTGWSCOs), Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted Residential Soil Cleanup Objectives (RRSCOs), and the NYSDEC Soil Screening Levels for emerging contaminants (NYSDEC Guidelines for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs) is presented on **Table 3.1**. A summary of the samples exceeding the RRSCOs and POTSCOs is presented on **Table 3.2** below and on **Figure 3.1**. The laboratory analytical data is provided in **Appendix B.** As presented on **Table 3.2** below, pesticides, PCBs, SVOCs, metals and VOCs were detected at the site at concentrations exceeding POTGWSCOs and/or RRSCOs.

Table 3.2: Summary of Soil Sample Exceedances

SAMPLE ID	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-14 (0.5-1)		SB-13 (1-1.5)		SB-1 (3.5-4)		SB-2 (0.5-1)		SB-3 (5-5.5)		SB-11 (0.5-1)		SB-4 (0.5-1)		SB-12 (0.5-1)		SB-12 (0.5-1)		SB-10 (0.5-1)		SB-10 (0.5-1)	
SAMPLE DATE					12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024	
LAB ID					L2475113-01		L2475113-02		L2475113-03		L2475113-04		L2475113-07		L2475113-08		L2475113-09		L2475113-10		L2475113-10 R1		L2475113-11		L2475113-11 R1	
MATRIX					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
PESTICIDES																										
4,4'-DDE	0.0033	3.4	9.3	mg/kg	0.00936		0.000752	J	0.0234	P	0.00164	U	0.0011	J	0.000881	J	0.00177	J	0.00256		~	~	2.36	PE	2.07	
4,4'-DDD	0.0033	5	14	mg/kg	0.00172	U	0.00169	U	0.0018	U	0.00164	U	0.0017	U	0.00178	U	0.00182	U	0.00172	U	~	~	2.89	PE	2.78	
4,4'-DDT	0.0033	3.8	135	mg/kg	0.00489		0.00169	U	0.0958	P	0.00164	U	0.0017	U	0.00178	U	0.00194		0.0027		~	~	2.75	PE	2.8	
cis-Chlordane	0.014	0.65	4.5	mg/kg	0.00216	U	0.00212	U	0.00226	U	0.00205	U	0.0262		0.00223	U	0.000745	J	0.00215	U	~	~	0.00251	U	~	~
PCBSs																										
PCBs, Total	0.1	1	3.2	mg/kg	0.00763	J	0.0525	U	0.0148	J	0.051	U	0.0503	U	0.0554	U	0.0536	U	0.0545	U	~	~	0.238		~	~
SVOCs																										
Benzo(a)anthracene	1	1.4	1	mg/kg	0.17		0.065	J	0.058	J	0.15		0.3	U	0.31		0.029	J	0.11	U	~	~	0.84		~	~
Benzo(a)pyrene	1	1	22	mg/kg	0.16		0.14	U	0.06	J	0.15		0.4	U	0.26		0.15	U	0.14	U	~	~	0.81		~	~
Benzo(b)fluoranthene	1	1.4	2.1	mg/kg	0.2		0.088	J	0.081	J	0.19		0.3	U	0.32		0.12	U	0.11	U	~	~	0.88		~	~
Benzo(k)fluoranthene	0.8	4.9	2	mg/kg	0.083	J	0.11	U	0.12	U	0.065	J	0.3	U	0.11		0.12	U	0.11	U	~	~	0.59		~	~
Chrysene	1	4.9	1	mg/kg	0.17		0.16		0.076	J	0.15		0.3	U	0.28		0.025	J	0.11	U	~	~	1		~	~
Benzo(ghi)perylene	0.64	4.9	1000	mg/kg	0.1	J	0.058	J	0.063	J	0.1	J	0.4	U	0.14	J	0.15	U	0.14	U	~	~	0.79		~	~
Phenanthrene	1.1	4.9	1000	mg/kg	0.15		0.16		0.056	J	0.1		0.3	U	0.14		0.12	U	0.11	U	~	~	1.1		~	~
Dibenzo(a,h)anthracene	0.33	0.33	1000	mg/kg	0.025	J	0.11	U	0.12	U	0.02	J	0.3	U	0.033	J	0.12	U	0.11	U	~	~	0.12	J	~	~
Indeno(1,2,3-cd)pyrene	0.5	1.4	6.6		0.1	J	0.04	J	0.043	J	0.098	J	0.4	U	0.14	J	0.15	U	0.14	U	~	~	0.54		~	~
METALS																										
Arsenic, Total	13	16	16	mg/kg	1.9		13.1		14.8		3.33		2.59		8.82		2.6		1.19		~	~	12.5		~	~
Barium, Total	410	410	820	mg/kg	67.4		96.5		89.7		71.6		158		132		89.7		564		~	~	63		~	~
Chromium, Total	30	110	19	mg/kg	14		27.4		11.4		12.2		17.6		13.4		45.5		61.1		~	~	7.89		~	~
Copper, Total	50	280	1720	mg/kg	39.4		49.3		33.1		18.5		94.9		68.4		16.7		3.31		~	~	34.2		~	~
Lead, Total	63	400	450	mg/kg	3.21	J	108		281		18.5		14.7		286		8.24		2.7	J	~	~	61.6		~	~
Manganese, Total	1600	2000	2000	mg/kg	304		313		176		295		225		293		273		2540		~	~	153		~	~
Mercury, Total	0.18	0.3	0.73	mg/kg	0.076	U	0.117		0.099		0.068	J	0.081	U	0.389		0.074	J	0.09	U	~	~	0.134		~	~
Zinc, Total	109	6600	2480	mg/kg	51.8		97.9		349		52		70.1		127		39.1		209		~	~	78.3		~	~
VOCs by EPA 5035 High/8260																										
Chloroform	0.37	24	0.37	mg/kg	~	~	~	~	0.019	J	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,1,1-Trichloroethane	0.68	100	0.68	mg/kg	~	~	~	~	0.052	U	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Benzene	0.06	3.7	0.06	mg/kg	~	~	~	~	0.052	U	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Toluene	0.7	100	0.7	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Trichloroethene	0.47	6.4	0.47	mg/kg	~	~	~	~	0.052	U	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Xylenes, Total	0.26	100	1.2	mg/kg	~	~	~	~	0.073	J	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Acetone	0.03	100	0.03	mg/kg	~	~	~	~	1	U	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
VOCs by EPA 5035/8260																										
Acetone	0.03	100	0.03	mg/kg	0.0086	U	0.015	U	0.037		0.013	U	0.0094	U	0.0093	U	0.0046	J	0.011	U	0.018	U	0.012	U	~	~

SAMPLE ID	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-9 (0.5-1)		SB-8 (0.5-1)		SB-15 (0.5-1)		SB-7 (0.5-1)		SB-6 (0.5-1)		SB-5 (0.5-1)		SB-5 (0.5-1)		SB-110 (0.5-1)		SB-111 (0.5-1)		SB-111 (0.5-1)	
SAMPLE DATE					12/19/2024		12/20/2024		12/20/2024		12/20/2024		12/20/2024		12/20/2024		12/20/2024		1/28/2025		1/28/2025		1/28/2025	
LAB ID					L2475113-12		L2475472-01		L2475472-02		L2475472-03		L2475472-04		L2475472-05		L2475472-05 R1		L2505081-01		L2505081-02		L2505081-02 R1	
MATRIX					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
PESTICIDES																								
4,4'-DDE	0.0033	3.4	9.3	mg/kg	0.00175	U	0.00174	U	0.00187		0.00188	U	0.00726		0.0138		~	~	0.00192	U	0.00202	U	~	~
4,4'-DDD	0.0033	5	14	mg/kg	0.00175	U	0.00174	U	0.0017	U	0.00188	U	0.000687	J	0.0011	J	~	~	0.00192	U	0.00202	U	~	~
4,4'-DDT	0.0033	3.8	135	mg/kg	0.00175	U	0.00174	U	0.0046		0.00188	U	0.00657		0.00268		~	~	0.00192	U	0.00202	U	~	~
cis-Chlordane	0.014	0.65	4.5	mg/kg	0.00219	U	0.00217	U	0.00213	U	0.00234	U	0.00376		0.000872	J	~	~	0.00241	U	0.00253	U	~	~
PCBSs																								
PCBs, Total	0.1	1	3.2	mg/kg	0.0528	U	0.0546	U	0.0536	U	0.0591	U	0.0523	U	0.0523	U	~	~	0.0599	U	0.227	J	~	~
SVOCs																								
Benzo(a)anthracene	1	1.4	1	mg/kg	0.11	U	0.11	U	0.52		0.12	U	0.1	U	0.11	U	0.11	U	0.095	J	14	E	7.9	
Benzo(a)pyrene	1	1	22	mg/kg	0.14	U	0.14	U	0.53		0.16	U	0.14	U	0.14	U	0.14	U	0.11	J	9.4	E	6.8	
Benzo(b)fluoranthene	1	1.4	2.1	mg/kg	0.11	U	0.11	U	0.67		0.12	U	0.1	U	0.11	U	0.11	U	0.15		9.6	E	6.3	
Benzo(k)fluoranthene	0.8	4.9	2	mg/kg	0.11	U	0.11	U	0.23		0.12	U	0.1	U	0.11	U	0.11	U	0.053	J	2.2		~	~
Chrysene	1	4.9	1	mg/kg	0.021	J	0.11	U	0.51		0.12	U	0.1	U	0.022	J	0.026	J	0.13		13	E	9.4	
Benzo(ghi)perylene	0.64	4.9	1000	mg/kg	0.14	U	0.14	U	0.3		0.16	U	0.14	U	0.14	U	0.14	U	0.092	J	5.9		~	~
Phenanthrene	1.1	4.9	1000	mg/kg	0.11	U	0.038	J	0.6		0.12	U	0.1	U	0.025	J	0.027	J	0.092	J	12	E	8.5	
Dibenzo(a,h)anthracene	0.33	0.33	1000	mg/kg	0.11	U	0.11	U	0.092	J	0.12	U	0.1	U	0.11	U	0.11	U	0.023	J	1.7		~	~
Indeno(1,2,3-cd)pyrene	0.5	1.4	6.6	mg/kg	0.14	U	0.14	U	0.27		0.16	U	0.14	U	0.14	U	0.14	U	0.075	J	4.3		~	~
METALS																								
Arsenic, Total	13	16	16	mg/kg	6.15		2.13		3.09		3.15		2.62		4.8		~	~	4.75		19.8		~	~
Barium, Total	410	410	820	mg/kg	118		56.4		93.5		80.4		107		83.7		~	~	67.1		197		~	~
Chromium, Total	30	110	19	mg/kg	11.9		6.13		17.6		11.2		16.2		11.8		~	~	10.3		28.9		~	~
Copper, Total	50	280	1720	mg/kg	71.1		11.5		27.7		12.1		48		180		~	~	41.4		69.8		~	~
Lead, Total	63	400	450	mg/kg	39.1		2.83	J	44.3		16		12.7		8.64		~	~	45.2		353		~	~
Manganese, Total	1600	2000	2000	mg/kg	484		257		262		333		169		299		~	~	236		190		~	~
Mercury, Total	0.18	0.3	0.73	mg/kg	0.134		0.089	U	0.103		0.088	U	0.071	U	0.063	J	~	~	0.119		2.38		~	~
Zinc, Total	109	6600	2480	mg/kg	186		31.8		60.2		37.3		44.7		31.9		~	~	83.4		354		~	~
VOCs by EPA 5035 High/8260																								
Chloroform	0.37	24	0.37	mg/kg	0.88		~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,1,1-Trichloroethane	0.68	100	0.68	mg/kg	0.038	U	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Benzene	0.06	3.7	0.06	mg/kg	0.99		~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Toluene	0.7	100	0.7	mg/kg	2.5		~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Trichloroethene	0.47	6.4	0.47	mg/kg	0.038	U	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Xylenes, Total	0.26	100	1.2	mg/kg	2.4		~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Acetone	0.03	100	0.03	mg/kg	0.43	J	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
VOCs by EPA 5035/8260																								
Acetone	0.03	100	0.03	mg/kg	0.01	U	0.0099	U	0.0099	U	0.0096	U	0.01	U	0.0057	J	~	~	0.015	U	0.029	U	~	~

SAMPLE ID	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-112 (0.5-1)		SB-113 (0.5-1)		SB-114 (0.5-1)		SB-115 (0.5-1)		SB-116 (2-2.5)		SB-118 (3.5-4)		SB-119 (8-8.5)		SB-107 (0.5-1)		SB-107 (0.5-1)		SB-103 (1-1.5)	
SAMPLE DATE					1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/29/2025	
LAB ID					L2505081-03		L2505081-04		L2505081-05		L2505081-06		L2505081-07		L2505081-08		L2505081-09		L2505081-10		L2505081-10 R1		L2505083-01	
MATRIX					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
PESTICIDES																								
4,4'-DDE	0.0033	3.4	9.3	mg/kg	0.00131	J	0.00052	J	0.00105	J	0.00166	U	0.00194	U	0.00176	U	0.0017	U	0.28		~	~	0.00617	
4,4'-DDD	0.0033	5	14	mg/kg	0.00164	U	0.0016	U	0.00169	U	0.00166	U	0.00194	U	0.00176	U	0.0017	U	0.0741		~	~	0.000705	J
4,4'-DDT	0.0033	3.8	135	mg/kg	0.00182		0.00421		0.00169	U	0.00166	U	0.00194	U	0.00176	U	0.0017	U	0.914	E	0.925		0.0122	
cis-Chlordane	0.014	0.65	4.5	mg/kg	0.00205	U	0.00199	U	0.00211	U	0.00208	U	0.00243	U	0.00221	U	0.00212	U	0.00205	JP	~	~	0.00204	U
PCBSs																								
PCBs, Total	0.1	1	3.2	mg/kg	0.0519	U	0.0523	U	0.0549	U	0.0514	U	0.0164	J	0.0532	U	0.0516	U	0.0354	J	~	~	0.0507	U
SVOCs																								
Benzo(a)anthracene	1	1.4	1	mg/kg	2		0.022	J	0.11	U	0.021	J	0.16		1.1		0.05	J	0.17		~	~	0.1	U
Benzo(a)pyrene	1	1	22	mg/kg	1.9		0.14	U	0.14	U	0.14	U	0.14	J	1.3		0.067	J	0.21		~	~	0.14	U
Benzo(b)fluoranthene	1	1.4	2.1	mg/kg	2.4		0.1	U	0.11	U	0.11	U	0.13		1.4		0.055	J	0.23		~	~	0.1	U
Benzo(k)fluoranthene	0.8	4.9	2	mg/kg	0.82		0.1	U	0.11	U	0.11	U	0.14		0.46	J	0.11	U	0.089	J	~	~	0.1	U
Chrysene	1	4.9	1	mg/kg	1.9		0.018	J	0.11	U	0.054	J	0.23		1.2		0.049	J	0.14		~	~	0.1	U
Benzo(ghi)perylene	0.64	4.9	1000	mg/kg	0.99		0.16		0.14	U	0.14	U	0.082	J	2.1		0.5		0.19		~	~	0.14	U
Phenanthrene	1.1	4.9	1000	mg/kg	2.4		0.1	U	0.11	U	0.022	J	0.13		0.75		0.071	J	0.12		~	~	0.024	J
Dibenzo(a,h)anthracene	0.33	0.33	1000	mg/kg	0.29		0.024	J	0.11	U	0.11	U	0.12	U	0.28	J	0.036	J	0.11	U	~	~	0.1	U
Indeno(1,2,3-cd)pyrene	0.5	1.4	6.6	mg/kg	0.87		0.085	J	0.14	U	0.14	U	0.057	J	1.4		0.2		0.13	J	~	~	0.14	U
METALS																								
Arsenic, Total	13	16	16	mg/kg	4.27		3.1		4.82		1.92		4.17		6.57		2.54		10		~	~	1.18	
Barium, Total	410	410	820	mg/kg	78.2		64.8		93.2		12.8		92.2		105		119		60.1		~	~	70.5	
Chromium, Total	30	110	19	mg/kg	12.6		13.3		37		6.93		15.8		238		17.8		12.3		~	~	5.36	
Copper, Total	50	280	1720	mg/kg	25.6		22.3		28.1		5.65		30.2		60.2		64.6		71.5		~	~	10.2	
Lead, Total	63	400	450	mg/kg	52.8		26.8		9.79		3.34	J	74.3		420		17.4		289		~	~	1.57	J
Manganese, Total	1600	2000	2000	mg/kg	316		257		257		154		395		196		347		364		~	~	259	
Mercury, Total	0.18	0.3	0.73	mg/kg	0.098		0.074	U	0.072	U	0.076	U	0.159		0.21		0.079		0.577		~	~	0.077	U
Zinc, Total	109	6600	2480	mg/kg	98.6		69.5		50		24.3		63.1		264		58.8		243		~	~	31.8	
VOCs by EPA 5035 High/8260																								
Chloroform	0.37	24	0.37	mg/kg	~	~	~	~	~	~	~	~	~	~	0.22		~	~	~	~	~	~	~	~
1,1,1-Trichloroethane	0.68	100	0.68	mg/kg	~	~	~	~	~	~	~	~	~	~	0.72		~	~	~	~	~	~	~	~
Benzene	0.06	3.7	0.06	mg/kg	~	~	~	~	~	~	~	~	~	~	0.39		~	~	~	~	~	~	~	~
Toluene	0.7	100	0.7	mg/kg	~	~	~	~	~	~	~	~	~	~	1.5		~	~	~	~	~	~	~	~
Trichloroethene	0.47	6.4	0.47	mg/kg	~	~	~	~	~	~	~	~	~	~	0.68		~	~	~	~	~	~	~	~
Xylenes, Total	0.26	100	1.2	mg/kg	~	~	~	~	~	~	~	~	~	~	1.5		~	~	~	~	~	~	~	~
Acetone	0.03	100	0.03	mg/kg	~	~	~	~	~	~	~	~	~	~	0.75	U	~	~	~	~	~	~	~	~
VOCs by EPA 5035/8260																								
Acetone	0.03	100	0.03	mg/kg	0.013	U	0.011	U	0.012	U	0.012	U	0.021	U	0.017		0.0069	J	0.0062	J	~	~	0.011	U

SAMPLE ID	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-102 (0.5-1)		SB-102 (0.5-1)		SB-108 (0.5-1)		SB-100 (1-1.8)		SB-101 (0.5-1)		SB-104 (0.5-1)		SB-105 (0.5-1)		SB-106 (0.5-1)		SB-109 (0.5-1)		SB-117 (0.5-1)	
SAMPLE DATE					1/29/2025		1/29/2025		1/29/2025		1/31/2025		1/31/2025		1/31/2025		1/31/2025		1/31/2025		1/31/2025		1/31/2025	
LAB ID					L2505083-02		L2505083-02 R1		L2505083-03		L2505704-01		L2505704-02		L2505704-03		L2505704-04		L2505704-05		L2505704-06		L2505704-07	
MATRIX					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
					Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
PESTICIDES																								
4,4'-DDE	0.0033	3.4	9.3	mg/kg	0.28		~	~	0.00173	U	0.00165	U	0.0198		0.0202		0.00179	U	0.000458	J	0.00168	U	0.00114	J
4,4'-DDD	0.0033	5	14	mg/kg	0.134		~	~	0.00173	U	0.00165	U	0.00367		0.000937	J	0.00179	U	0.00181	U	0.00168	U	0.00173	U
4,4'-DDT	0.0033	3.8	135	mg/kg	1.32	IPE	4.02		0.00173	U	0.00165	U	0.00313		0.00141	JIP	0.00179	U	0.00181	U	0.00168	U	0.00173	U
cis-Chlordane	0.014	0.65	4.5	mg/kg	0.00156	JIP	~	~	0.00216	U	0.00206	U	0.00212	U	0.000785	JIP	0.00224	U	0.00226	U	0.0021	U	0.00151	J
PCBSs																								
PCBs, Total	0.1	1	3.2	mg/kg	0.0154	J	~	~	0.0529	U	0.0492	U	0.0531	U	0.051	U	0.053	U	0.0546	U	0.052	U	0.0535	U
SVOCs																								
Benzo(a)anthracene	1	1.4	1	mg/kg	0.58		~	~	0.24		0.1	U	0.028	J	0.11	U	0.11	U	0.11	J	0.11	U	0.11	U
Benzo(a)pyrene	1	1	22	mg/kg	0.56		~	~	0.27		0.14	U	0.14	U	0.14	U	0.15	U	0.12	J	0.14	U	0.15	U
Benzo(b)fluoranthene	1	1.4	2.1	mg/kg	0.77		~	~	0.38		0.1	U	0.11	U	0.11	U	0.11	U	0.14		0.11	U	0.038	J
Benzo(k)fluoranthene	0.8	4.9	2	mg/kg	0.22		~	~	0.1	J	0.1	U	0.11	U	0.11	U	0.11	U	0.041	J	0.11	U	0.11	U
Chrysene	1	4.9	1	mg/kg	0.53		~	~	0.26		0.1	U	0.023	J	0.038	J	0.11	U	0.11	J	0.11	U	0.019	J
Benzo(ghi)perylene	0.64	4.9	1000	mg/kg	0.37		~	~	0.17		0.14	U	0.14	U	0.14	U	0.15	U	0.078	J	0.14	U	0.046	J
Phenanthrene	1.1	4.9	1000	mg/kg	0.68		~	~	0.19		0.1	U	0.055	J	0.023	J	0.11	U	0.026	J	0.11	U	0.11	U
Dibenzo(a,h)anthracene	0.33	0.33	1000	mg/kg	0.078	J	~	~	0.037	J	0.1	U	0.11	U	0.11	U	0.11	U	0.12	U	0.11	U	0.11	U
Indeno(1,2,3-cd)pyrene	0.5	1.4	6.6	mg/kg	0.32		~	~	0.16		0.14	U	0.14	U	0.14	U	0.15	U	0.073	J	0.14	U	0.035	J
METALS																								
Arsenic, Total	13	16	16	mg/kg	6.98		~	~	3.34		1.91		3.62		2.87		2.32		4.38		3.76		2.11	
Barium, Total	410	410	820	mg/kg	31.2		~	~	82.5		151		48.8		104		53.9		79.3		276		123	
Chromium, Total	30	110	19	mg/kg	6.71		~	~	10.9		12.6		6.58		65.1		9.51		12.5		22.9		8.14	
Copper, Total	50	280	1720	mg/kg	22.7		~	~	21.3		18.9		17		46.7		16.2		24.5		92.8		72.1	
Lead, Total	63	400	450	mg/kg	22.4		~	~	30.3		2.97	J	30.4		22.8		4.32	J	11.5		152		10.4	
Manganese, Total	1600	2000	2000	mg/kg	131		~	~	417		234		195		356		230		197		367		218	
Mercury, Total	0.18	0.3	0.73	mg/kg	0.073	U	~	~	0.429		0.075	U	0.33		0.206		0.077	U	0.237		3.9		0.079	J
Zinc, Total	109	6600	2480	mg/kg	35.9		~	~	44.6		34.7		47.5		34.5		31.7		44.6		115		35.7	
VOCs by EPA 5035 High/8260																								
Chloroform	0.37	24	0.37	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,1,1-Trichloroethane	0.68	100	0.68	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Benzene	0.06	3.7	0.06	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Toluene	0.7	100	0.7	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Trichloroethene	0.47	6.4	0.47	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Xylenes, Total	0.26	100	1.2	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Acetone	0.03	100	0.03	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
VOCs by EPA 5035/8260																								
Acetone	0.03	100	0.03	mg/kg	0.025	U	~	~	0.012	U	0.018	U	0.012	U	0.0098	U	0.011	U	0.0096	U	0.016	U	0.013	U

Notes:
J - Indicates estimated value for TICs and all results when detected below the RL
mg/kg - milligrams per kilogram
U - Analyte Not Detected
NS - No Standard
~ - Not Analyzed
NY-USCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025
NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025
NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025
* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.
RL - Reporting Limit
Concentration/RL Exceeds NY-USCO
Concentration/RL Exceeds NY-RRSCO
Concentration/RL Exceeds NY-POTGWSCO

3.2.1. Volatile Organic Compounds

1,1,1-trichloroethane, acetone, benzene, chloroform, toluene, trichloroethene and xylenes (total) were detected at concentrations exceeding their respective UUSCOs and/or POTGWSCOs in one or more samples.

3.2.2. Semi Volatile Organic Compounds

Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, chrysene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene were detected at concentrations exceeding their respective RRSCOs and/or POTGWSCOs in one or more samples. Benzo(k)fluoranthene, benzo(g,h,i)perylene, and indeno(1,2,3-cd)pyrene were detected at a concentration exceeding their respective UUSCOs in one or more samples.

3.2.3. Pesticides

4,4'-DDD, 4,4'-DDE, 4,4'-DDT and cis-Chlordane were detected at concentrations exceeding their respective UUSCOs in one or more samples from 0.5 to 4.0 feet bgs.

3.2.4. PCBs

Total PCBs were detected at concentrations exceeding their respective UUSCOs in one or more samples from 0.5 to 1.0 feet bgs.

3.2.5. Metals

Total arsenic, barium, chromium, lead, manganese and mercury were detected at concentrations exceeding their respective RRSCOs in one or more samples from 0.5 to 4.0 feet bgs. Total arsenic, copper, chromium, lead, mercury and zinc were detected at concentrations exceeding their respective UUSCOs in one or more samples from 0.5 to 8.5 feet bgs. Arsenic, chromium manganese and mercury were additionally detected at concentrations exceeding their respective POTGWSCOs in one or more samples from 0.5 to 1.0 feet bgs.

3.2.6. Summary of Soil Analytical Results

In summary, while soil contamination from historic fill is widespread, elevated PAH and metal concentrations were observed at Lot 9, Lot 10A, Lot 10B, and Lot 12 at levels exceeding the RRSCOs, likely attributable to past Site operations. Additionally, VOC-impacted soil was identified at SB-9 and SB-118 where 1,1,1-trichloroethane, benzene, toluene, trichloroethene, xylenes, and/or acetone were detected at concentrations exceeding UUSCOs.

Interpretation of the data and recommendations are discussed in **Section 4.0**.

3.3. GROUNDWATER INVESTIGATION RESULTS

A table of the analytical results compared to NYSDEC Technical and Operational Guidance Series 1.1.1 (TOGS) Class GA Ambient Water Quality Standards and Guidance Values (AWQS) is presented on **Table 3.3**. A summary of compounds exceeding the AWQS is presented on **Table 3.4** below and on **Figure 3.2**. The laboratory analytical report is provided in **Appendix B**.

As presented on **Table 3.4** below, Perfluorinated Compounds (PFOA & PFOS), Polycyclic Aromatic Hydrocarbons (PAHs), 1,2,4,5-Tetramethylbenzene, and select metals were detected at concentrations exceeding AWQS.

Table 3.4: Summary of Groundwater Sample Exceedances

Well ID:	Units	NY-AWQS	TW-1		TW-2		TW-2		TW-3	
Sample ID:			TW-1		TW-2		TW-2		TW-3	
Lab Sample ID:			L2475113-05		L2475113-06		L2475472-06		L2475472-07	
Date Sampled:			12/19/2024		12/19/2024		12/20/2024		12/20/2024	
VOLATILE ORGANICS BY GC/MS										
1,2,4,5-Tetramethylbenzene	ug/l	5	ND (2)		-		**6.9**		ND (2)	
SEMIVOLATILE ORGANICS BY GC/MS										
Benzo(a)anthracene	ug/l	0.002	**0.1**		-		**0.14**		ND (0.1)	
Benzo(a)pyrene	ug/l	0	**0.07**	J	-		**0.05**	J	ND (0.1)	
Benzo(b)fluoranthene	ug/l	0.002	**0.13**		-		**0.06**	J	**0.07**	J
Benzo(k)fluoranthene	ug/l	0.002	**0.04**	J	-		**0.03**	J	**0.08**	J
Chrysene	ug/l	0.002	**0.08**	J	-		**0.18**		ND (0.1)	
Indeno(1,2,3-cd)pyrene	ug/l	0.002	**0.06**	J	-		**0.04**	J	**0.1**	
PERFLUORINATED ALKYL ACIDS BY EPA 1633										
PFOS	ug/l	0.0027	-		**0.0416**		-		**0.0941**	
PFOA	ug/l	0.0067	-		**0.0113**		-		**0.0369**	
TOTAL METALS										
Chromium, Total	ug/l	50	16.67		-		**103.3**		2.83	
Copper, Total	ug/l	200	52		-		**540.7**		7.98	
Iron, Total	ug/l	300	**7430**		-		**74200**		**2860**	
Lead, Total	ug/l	25	**142.9**		-		**221.1**		2.16	
Magnesium, Total	ug/l	35000	**42500**		-		33200		4900	
Manganese, Total	ug/l	300	222.8		-		**2188**		102.4	
Mercury, Total	ug/l	0.7	0.19	J	-		**3.3**		ND (0.2)	
Selenium, Total	ug/l	10	**39.8**		-		**13.8**		5.73	
Sodium, Total	ug/l	20000	**174000**		-		**29200**		**130000**	
Thallium, Total	ug/l	0.5	**0.59**	J	-		**1.82**		ND (1)	

Notes:
AWQS = Ambient Water Quality Standards.
B = This compound in blank spike is outside in house QC limits bias high. Associated CCV outside of control limits high, sample was ND.
d = Elevated detection limit due to dilution required for high interfering element.
e = Detection limit above AWQS or associated guidance.
E = Exceeds calibration range.
ft btoc = Feet below top of casing.
J = Concentration shown as an estimate above the minimum detection limit but below the reporting limit.
ND - Analyte Not Detected
ng/l = Nanograms per liter.
NS - No Standard
NYSDEC = New York State Department of Environmental Conservation.
PFOA = Perfluorooctanoic acid
PFOS = Perfluorooctanesulfonic acid
RL - Reporting Limit
ug/l = Micrograms per liter.
Concentration/RL Exceeds AWQS

3.3.1. Volatile Organic Compounds

1,2,4,5-Tetramethylbenzene was detected at a concentration exceeding its AWQS in TW-2 on Lot 12.

3.3.2. Semi Volatile Organic Compounds

Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(ghi)perylene, benzo(k)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene were detected at concentrations exceeding their respective AWQS in one or more samples.

3.3.3. Perfluorinated Alkyl Acids

PFOS and PFOA were detected at concentrations exceeding their respective AWQS in TW-2 and TW-3.

3.3.4. Metals

Total Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Selenium, Sodium and Thallium were detected at concentrations exceeding their respective AWQS in one or more samples

3.3.5. Summary of Groundwater Analytical Results

In summary, PAH and metals groundwater impacts onsite are typical of historic fill impacted groundwater. In addition, Perfluorinated Alkyl Acids were identified at concentrations exceeding applicable AWQS in TW-2 and TW-3 on Lots 12 and 10A, respectively. 1,2,4,5-Tetramethylbenzene was also detected at a concentration exceeding its AWQS in TW-2 on Lot 12. Elevated PFAS and VOC concentrations are likely attributable to past Site operations.

Please note that these samples were unfiltered and collected from temporary wells, and, additionally, samples were collected using VAPS, which may have resulted in metal concentrations being skewed higher due to the presence of sediment.

Interpretations of the data and recommendations are discussed in **Section 4.0**.

3.4. SUB-SLAB/SOIL VAPOR INVESTIGATION RESULTS

Three (3) sub-slab soil vapor samples were collected and analyzed for VOCs in accordance with EPA Method TO-15. A summary of the analytical results is presented on **Table 3.5**. A summary of the soil vapor exceedances is presented on **Table 3.6** below and **Figure 3.3**. The laboratory analytical report is provided in **Appendix B**.

The concentrations were compared against the NYSDEC Matrices A-F Sub-slab Vapor Concentrations Criteria (NY-SSC). No VOC exceedances were identified in SV-1 and SV-3. However, in SV-2, tetrachloroethene (PCE) and trichloroethene (TCE) were detected at concentrations exceeding the NY-SSC. Notably, PCE was detected at a concentration slightly over 10x of NY-SSC, which indicates the past use and release of chlorinated solvents at the Site.

Conclusions and recommendations are discussed in **Section 4.0**.

Table 3.6: Summary of Soil Vapor Exceedances

SAMPLE ID	Units	NY-SSC-A	NY-SSC-B	SV-1	SV-3	SV-2
SAMPLE DATE				12/20/2024	12/20/2024	12/20/2024
LAB ID				CS34475	CS34476	CS34477
MATRIX				Air	Air	Air
				Result	Result	Result
Volatiles (TO15) By TO15						
Tetrachloroethene	ug/m^3		100	6.71	9.08	**1,150**
Trichloroethene	ug/m^3	6		ND (0.99)	ND (0.99)	**9.67**

NOTES:
1. Results are measured in ug/m3.
2. Results are compared to NYSDOH Soil Vapor/Indoor Air Decision Matrices

= concentration exceeds matrix value

= concentration exceeds 10X of matrix value

4.0 CONCLUSIONS AND RECOMMENDATIONS

The exceedances in soil, groundwater, and soil vapor identified during the investigation are likely attributable to historic fill as well as historic on-site operations.

4.1. SOIL

Analytical results from the soil investigation identified pesticides, PCBs, PAHs, metals and VOCs at concentrations exceeding POTGW SCOs, and/or RRSCOs.

PAHs

PAH-contaminated soil was identified at Lot 9 (SB-112), Lot 10A&B (SB-10, SB12, and SB-118), and Lot 12 (SB-111) at levels exceeding the POTGW and/or RRSCOs.

While PAHs are commonly associated with historic fill, the elevated levels in these areas are likely due to releases occurring during transportation, staging, and handling of PAH-containing materials such as petroleum products and coals during past operations such as steam laundry, carpenter, and mechanic shop.

PCBs

PCB-impacted soil was identified at Lot 10B (SB-10) and Lot 12 (SB-111), where PCB concentrations exceed the UUSCO of 0.1 mg/kg but below the RRSCO of 1 mg/kg. The elevated PCB exceedances suggest contamination resulted from historic site operations.

Metals

Metal exceedances to UUSCO were widespread at Lot 10A, Lot 10B, Lot 11, and Lot 12. Exceedances to RRSCO were identified at Lot 10B (SB-12 and SB-118) and Lot-12 (SB-109). Arsenic, barium, chromium, manganese, and mercury were detected at levels exceeding RRSCOs. Manganese and mercury were detected at levels exceeding POTGW SCOs.

The elevated metal exceedances suggest contamination resulted from historic site operations.

VOCs

VOC-impacted soil was identified at SB-9 and SB-118, where chloroform, benzene, toluene, total xylenes, acetone, 1,1,1-Trichloroethane and/or TCE were detected at concentrations exceeding the UUSCOs and POTGW SCOs but below the RRSCOs.

Benzene, xylenes, and toluene are commonly found in petroleum products. Acetone can occur naturally or be used as a solvent and degreaser. 1,1,1-Trichloroethane is also used as a degreaser. TCE may have been used directly as a solvent in dry cleaning activities or formed as a degradation byproduct of PCE, which was likely used at the Site. Chloroform is a typical disinfection byproduct.

SB-9 was installed in a drainage trench, while SB-118 was placed near a floor drain. Both areas likely received wastewater from steam laundry and dry-cleaning operations. The VOCs mentioned above were likely used or generated during past operations and subsequently released into the subsurface.

In conclusion, further investigation and remediation is recommended for soil prior to Site development.

4.2. GROUNDWATER

Analytical results from the groundwater investigation identified Perfluorinated Compounds (PFOA & PFOS), PAHs, metals, and 1,2,4,5-Tetramethylbenzene, a VOC, at concentrations exceeding AWQSs.

PFAS

PFOA and PFOS exceedances were identified in both groundwater samples activated for PFAS analysis. The PFAS levels at Site are typical of urban areas and are not indicative of an on-site source.

PAHs

PAH-contaminated groundwater was identified at all three temporary well locations. The contamination is likely attributable to releases from historic Site operations.

Metals

Select metals—including chromium, copper, iron, lead, magnesium, manganese, mercury, selenium, sodium, and/or thallium—were detected at all three (3) temporary wells at concentrations exceeding the AWQS. The samples are unfiltered and collected from temporary wells using VAPS, which may have resulted in metal concentrations being skewed higher due to the presence of sediment. The concentrations in groundwater may also be indicative of historic releases during historic Site operations.

VOCs

1,2,4,5-Tetramethylbenzene (durene) was detected at TW-2 at a concentration exceeding the AWQS. 1,2,4,5-tetramethylbenzene is likely associated with the use and storage of coals at the Site. Therefore, the contamination is likely attributable to releases from historic site operations.

In conclusion, further investigation and remediation is recommended for groundwater.

4.3. SOIL VAPOR

No VOC exceedances were identified in SV-1 and SV-3. However, in SV-2, tetrachloroethene (PCE) and trichloroethene (TCE) were detected at concentrations exceeding the NY-SSC. Notably, PCE was detected at a concentration slightly over 10x of NY-SSC.

The presence of elevated levels of PCE and TCE indicates past use and release of chlorinated solvents at the Site, which requires further investigation.

In conclusion, the vapor intrusion pathway should be further evaluated for the new development to determine whether a vapor mitigation system is necessary.

4.4. SUMMARY

Impacts to soil, groundwater, and soil vapor have been identified on the Site, with exceedances most likely resulting from a combination of historic site operations.

Further investigation and remediation are warranted.

Tables

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-14 (0.5-1)		SB-13 (1-1.5)		SB-1 (3.5-4)		SB-2 (0.5-1)		SB-3 (5-5.5)		SB-11 (0.5-1)		SB-4 (0.5-1)	
SAMPLE DATE						12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024	
LAB ID						L2475113-01		L2475113-02		L2475113-03		L2475113-04		L2475113-07		L2475113-08		L2475113-09	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																			
Solids, Total	NONE	NS	NS	NS	%	91		90.9		83.5		92.4		91.8		86.5		86.2	
Cyanide, Total	57-12-5	2.3	13	40	mg/kg	1	U	1.1	U	1.2	U	1	U	1	U	1.1	U	1.1	U
Organochlorine Pesticides by GC																			
4,4'-DDD	72-54-8	0.0033	5	14	mg/kg	0.00172	U	0.00169	U	0.0018	U	0.00164	U	0.0017	U	0.00178	U	0.00182	U
4,4'-DDE	72-55-9	0.0033	3.4	9.3	mg/kg	0.00936		0.000752	J	0.0234	P	0.00164	U	0.0011	J	0.000881	J	0.00177	J
4,4'-DDT	50-29-3	0.0033	3.8	135	mg/kg	0.00489		0.00169	U	0.0958	P	0.00164	U	0.0017	U	0.00178	U	0.00194	
Aldrin	309-00-2	0.0048	0.044	0.19	mg/kg	0.00172	U	0.00169	U	0.0018	U	0.00164	U	0.0017	U	0.00178	U	0.00182	U
Alpha-BHC	319-84-6	0.02	0.18	0.02	mg/kg	0.000719	U	0.000705	U	0.000752	U	0.000682	U	0.00071	U	0.000743	U	0.000759	U
Beta-BHC	319-85-7	0.021	0.18	0.09	mg/kg	0.00172	U	0.00169	U	0.0018	U	0.00164	U	0.0017	U	0.00178	U	0.00182	U
Chlordane	57-74-9	NS	NS	NS	mg/kg	0.0144	U	0.0141	U	0.015	U	0.0136	U	0.0701	IP	0.0148	U	0.0152	U
cis-Chlordane	5103-71-9	0.014	0.65	4.5	mg/kg	0.00216	U	0.00212	U	0.00226	U	0.00205	U	0.0262		0.00223	U	0.000745	J
Delta-BHC	319-86-8	0.04	100	0.1	mg/kg	0.00172	U	0.00169	U	0.0018	U	0.00164	U	0.0017	U	0.00178	U	0.00182	U
Dieldrin	60-57-1	0.005	0.075	0.1	mg/kg	0.00108	U	0.00106	U	0.00113	U	0.00102	U	0.00106	U	0.00111	U	0.00114	U
Endosulfan I	959-98-8	4.3	35	65	mg/kg	0.00172	U	0.00169	U	0.0018	U	0.00164	U	0.0017	U	0.00178	U	0.00182	U
Endosulfan II	33213-65-9	4.3	35	44	mg/kg	0.00172	U	0.00169	U	0.0018	U	0.00164	U	0.0017	U	0.00178	U	0.00182	U
Endosulfan sulfate	1031-07-8	4.3	35	47	mg/kg	0.000719	U	0.000705	U	0.000752	U	0.000682	U	0.00071	U	0.000743	U	0.000759	U
Endrin	72-20-8	0.014	5.3	0.06	mg/kg	0.000719	U	0.000705	U	0.000752	U	0.000682	U	0.00071	U	0.000743	U	0.000759	U
Endrin aldehyde	7421-93-4	NS	NS	NS	mg/kg	0.00216	U	0.00212	U	0.00226	U	0.00205	U	0.00213	U	0.00223	U	0.00228	U
Endrin ketone	53494-70-5	NS	NS	NS	mg/kg	0.00172	U	0.00169	U	0.0018	U	0.00164	U	0.0017	U	0.00178	U	0.00182	U
Heptachlor	76-44-8	0.013	0.53	0.38	mg/kg	0.000862	U	0.000846	U	0.000903	U	0.000819	U	0.000853	U	0.000892	U	0.00091	U
Heptachlor epoxide	1024-57-3	NS	NS	NS	mg/kg	0.00323	U	0.00317	U	0.00338	U	0.00307	U	0.0032	U	0.00334	U	0.00341	U
Lindane	58-89-9	0.025	0.21	0.05	mg/kg	0.000719	U	0.000705	U	0.000752	U	0.000682	U	0.00071	U	0.000743	U	0.000759	U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	0.00323	U	0.00317	U	0.00338	U	0.00307	U	0.0032	U	0.00334	U	0.00341	U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	0.0323	U	0.0317	U	0.0338	U	0.0307	U	0.032	U	0.0334	U	0.0341	U
trans-Chlordane	5103-74-2	NS	NS	NS	mg/kg	0.00216	U	0.00212	U	0.00226	U	0.00205	U	0.0111	IP	0.00223	U	0.00206	JIP
Perfluorinated Alkyl Acids by EPA 1633																			
11Cl-PF3OUdS	763051-92-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000779	U	~	~	~	~
3:3FTCA	356-02-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000974	U	~	~	~	~
4:2FTS	757124-72-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000779	U	~	~	~	~
5:3FTCA	914637-49-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.00487	U	~	~	~	~
6:2FTS	27619-97-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000779	U	~	~	~	~
7:3FTCA	812-70-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.00487	U	~	~	~	~
8:2FTS	39108-34-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000779	U	~	~	~	~
9Cl-PF3ONS	756426-58-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000779	U	~	~	~	~
ADONA	919005-14-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000779	U	~	~	~	~
HFPO-DA	13252-13-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000779	U	~	~	~	~
NEtFOSA	4151-50-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000044	J	~	~	~	~
NEtFOSAA	2991-50-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000116	J	~	~	~	~
NEtFOSE	1691-99-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.00195	U	~	~	~	~
NFDHA	151772-58-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.00039	U	~	~	~	~
NMeFOSA	31506-32-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000195	U	~	~	~	~
NMeFOSAA	2355-31-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000195	U	~	~	~	~
NMeFOSE	24448-09-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.00195	U	~	~	~	~
PFBA	375-22-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000038	J	~	~	~	~
PFBS	375-73-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000195	U	~	~	~	~
PFDA	335-76-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000195	U	~	~	~	~
PFDoA	307-55-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000195	U	~	~	~	~
PFDoS	79780-39-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000195	U	~	~	~	~
PFDS	335-77-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000027	J	~	~	~	~
PFEESA	113507-82-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.00039	U	~	~	~	~
PFHpA	375-85-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000021	J	~	~	~	~
PFHpS	375-92-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000195	U	~	~	~	~
PFHxA	307-24-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000068	J	~	~	~	~
PFHxS	355-46-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000306		~	~	~	~
PFMBA	863090-89-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.00039	U	~	~	~	~
PFMPA	377-73-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.00039	U	~	~	~	~
PFNA	375-95-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000195	U	~	~	~	~
PFNS	68259-12-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000195	U	~	~	~	~
PFOA	335-67-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000041	J	~	~	~	~
PFOS	1763-23-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000454		~	~	~	~
PFOSA	754-91-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000053	JF	~	~	~	~
PFPeA	2706-90-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.00039	U	~	~	~	~
PFPeS	2706-91-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000195	U	~	~	~	~
PFTeDA	376-06-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000195	U	~	~	~	~
PFTrDA	72629-94-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000195	U	~	~	~	~
PFUnA	2058-94-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.000195	U	~	~	~	~
Polychlorinated Biphenyls by GC																			
Aroclor 1016	12674-11-2	0.1	1	3.2	mg/kg	0.0508	U	0.0525	U	0.0568	U	0.051	U	0.0503	U	0.0554	U	0.0536	U
Aroclor 1221	11104-28-2	0.1	1	3.2	mg/kg	0.0508	U	0.0525	U	0.0568	U	0.051	U	0.0503	U	0.0554	U	0.0536	U
Aroclor 1232	11141-16-5	0.1	1	3.2	mg/kg	0.0508	U	0.0525	U	0.0568	U	0.051	U	0.0503	U	0.0554	U	0.0536	U
Aroclor 1242	53469-21-9	0.1	1	3.2	mg/kg	0.00763	J	0.0525	U	0.0568	U	0.051	U	0.0503	U	0.0554	U	0.0536	U
Aroclor 1248	12672-29-6	0.1	1	3.2	mg/kg	0.0508	U	0.0525	U	0.0568	U	0.051	U	0.0503	U	0.0554	U	0.0536	U
Aroclor 1254	11097-69-1	0.1	1	3.2	mg/kg	0.0508	U	0.0525	U	0.0568	U	0.051	U	0.0503	U	0.0554	U	0.0536	U
Aroclor 1260	11096-82-5	0.1	1	3.2	mg/kg	0.0508	U	0.0525	U	0.0148	J	0.051	U	0.0503	U	0.0554	U	0.0536	U
Aroclor 1262	37324-23-5	0.1	1	3.2	mg/kg	0.0508	U	0.0525	U	0.0568	U	0.051	U	0.0503	U	0.0554	U	0.0536	U
Aroclor 1268	11100-14-4	0.1	1	3.2	mg/kg	0.0508	U	0.0525	U	0.0568	U	0.051	U	0.0503	U	0.0554	U	0.0536	U
PCBs, Total	1336-36-3	0.1	1	3.2	mg/kg	0.00763	J	0.0525	U	0.0148	J	0.051	U	0.0503	U	0.0554	U	0.0536	U

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-12 (0.5-1)		SB-12 (0.5-1)		SB-10 (0.5-1)		SB-10 (0.5-1)		SB-9 (0.5-1)		SB-8 (0.5-1)		SB-15 (0.5-1)	
SAMPLE DATE						12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/20/2024		12/20/2024	
LAB ID						L2475113-10		L2475113-10 R1		L2475113-11		L2475113-11 R1		L2475113-12		L2475472-01		L2475472-02	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																			
Solids, Total	NONE	NS	NS	NS	%	89.5		~	~	76.6		~	~	90.1		89.6		93	
Cyanide, Total	57-12-5	2.3	13	40	mg/kg	1.1	U	~	~	1.2	U	~	~	1.1	U	1.1	U	1.1	U
Organochlorine Pesticides by GC																			
4,4'-DDD	72-54-8	0.0033	5	14	mg/kg	0.00172	U	~	~	2.89	PE	2.78		0.00175	U	0.00174	U	0.0017	U
4,4'-DDE	72-55-9	0.0033	3.4	9.3	mg/kg	0.00256		~	~	2.36	PE	2.07		0.00175	U	0.00174	U	0.00187	
4,4'-DDT	50-29-3	0.0033	3.8	135	mg/kg	0.0027		~	~	2.75	PE	2.8		0.00175	U	0.00174	U	0.0046	
Aldrin	309-00-2	0.0048	0.044	0.19	mg/kg	0.00172	U	~	~	0.002	U	~	~	0.00175	U	0.00174	U	0.0017	U
Alpha-BHC	319-84-6	0.02	0.18	0.02	mg/kg	0.000718	U	~	~	0.000836	U	~	~	0.000729	U	0.000725	U	0.000711	U
Beta-BHC	319-85-7	0.021	0.18	0.09	mg/kg	0.00172	U	~	~	0.002	U	~	~	0.00175	U	0.00174	U	0.0017	U
Chlordane	57-74-9	NS	NS	NS	mg/kg	0.0144	U	~	~	0.0167	U	~	~	0.0146	U	0.0145	U	0.0142	U
cis-Chlordane	5103-71-9	0.014	0.65	4.5	mg/kg	0.00215	U	~	~	0.00251	U	~	~	0.00219	U	0.00217	U	0.00213	U
Delta-BHC	319-86-8	0.04	100	0.1	mg/kg	0.00172	U	~	~	0.002	U	~	~	0.00175	U	0.00174	U	0.0017	U
Dieldrin	60-57-1	0.005	0.075	0.1	mg/kg	0.00108	U	~	~	0.00125	U	~	~	0.00109	U	0.00109	U	0.00107	U
Endosulfan I	959-98-8	4.3	35	65	mg/kg	0.00172	U	~	~	0.002	U	~	~	0.00175	U	0.00174	U	0.0017	U
Endosulfan II	33213-65-9	4.3	35	44	mg/kg	0.00172	U	~	~	0.002	U	~	~	0.00175	U	0.00174	U	0.0017	U
Endosulfan sulfate	1031-07-8	4.3	35	47	mg/kg	0.000718	U	~	~	0.000836	U	~	~	0.000729	U	0.000725	U	0.000711	U
Endrin	72-20-8	0.014	5.3	0.06	mg/kg	0.000718	U	~	~	0.000836	U	~	~	0.000729	U	0.000725	U	0.000711	U
Endrin aldehyde	7421-93-4	NS	NS	NS	mg/kg	0.00215	U	~	~	0.00251	U	~	~	0.00219	U	0.00217	U	0.00213	U
Endrin ketone	53494-70-5	NS	NS	NS	mg/kg	0.00172	U	~	~	0.002	U	~	~	0.00175	U	0.00174	U	0.0017	U
Heptachlor	76-44-8	0.013	0.53	0.38	mg/kg	0.000861	U	~	~	0.001	U	~	~	0.000874	U	0.00087	U	0.000853	U
Heptachlor epoxide	1024-57-3	NS	NS	NS	mg/kg	0.00323	U	~	~	0.00376	U	~	~	0.00328	U	0.00326	U	0.0032	U
Lindane	58-89-9	0.025	0.21	0.05	mg/kg	0.000718	U	~	~	0.000836	U	~	~	0.000729	U	0.000725	U	0.000711	U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	0.00323	U	~	~	0.00376	U	~	~	0.00328	U	0.00326	U	0.0032	U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	0.0323	U	~	~	0.0376	U	~	~	0.0328	U	0.0326	U	0.032	U
trans-Chlordane	5103-74-2	NS	NS	NS	mg/kg	0.00215	U	~	~	0.00251	U	~	~	0.00219	U	0.00217	U	0.00213	U
Perfluorinated Alkyl Acids by EPA 1633																			
11Cl-PF3OUdS	763051-92-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
3:3FTCA	356-02-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
4:2FTS	757124-72-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
5:3FTCA	914637-49-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
6:2FTS	27619-97-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
7:3FTCA	812-70-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
8:2FTS	39108-34-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
9Cl-PF3ONS	756426-58-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
ADONA	919005-14-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
HFPO-DA	13252-13-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NEtFOSA	4151-50-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NEtFOSAA	2991-50-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NEtFOSE	1691-99-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NFDHA	151772-58-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NMeFOSA	31506-32-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NMeFOSAA	2355-31-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NMeFOSE	24448-09-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFBA	375-22-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFBS	375-73-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFDA	335-76-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFDoA	307-55-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFDoS	79780-39-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFDS	335-77-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFEESA	113507-82-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFHpA	375-85-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFHpS	375-92-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFHxA	307-24-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFHxS	355-46-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFMBA	863090-89-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFMPA	377-73-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFNA	375-95-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFNS	68259-12-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFOA	335-67-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFOS	1763-23-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFOSA	754-91-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFPeA	2706-90-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFPeS	2706-91-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFTeDA	376-06-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFTrDA	72629-94-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFUnA	2058-94-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Polychlorinated Biphenyls by GC																			
Aroclor 1016	12674-11-2	0.1	1	3.2	mg/kg	0.0545	U	~	~	0.0622	U	~	~	0.0528	U	0.0546	U	0.0536	U
Aroclor 1221	11104-28-2	0.1	1	3.2	mg/kg	0.0545	U	~	~	0.0622	U	~	~	0.0528	U	0.0546	U	0.0536	U
Aroclor 1232	11141-16-5	0.1	1	3.2	mg/kg	0.0545	U	~	~	0.0622	U	~	~	0.0528	U	0.0546	U	0.0536	U
Aroclor 1242	53469-21-9	0.1	1	3.2	mg/kg	0.0545	U	~	~	0.0622	U	~	~	0.0528	U	0.0546	U	0.0536	U
Aroclor 1248	12672-29-6	0.1	1	3.2	mg/kg	0.0545	U	~	~	0.0622	U	~	~	0.0528	U	0.0546	U	0.0536	U
Aroclor 1254	11097-69-1	0.1	1	3.2	mg/kg	0.0545	U	~	~	0.0622	U	~	~	0.0528	U	0.0546	U	0.0536	U
Aroclor 1260	11096-82-5	0.1	1	3.2	mg/kg	0.0545	U	~	~	0.238	P	~	~	0.0528	U	0.0546	U	0.0536	U
Aroclor 1262	37324-23-5	0.1	1	3.2	mg/kg	0.0545	U	~	~	0.0622	U	~	~	0.0528	U	0.0546	U	0.0536	U
Aroclor 1268	11100-14-4	0.1	1	3.2	mg/kg	0.0545	U	~	~	0.0622	U	~	~	0.0528	U	0.0546	U	0.0536	U
PCBs, Total	1336-36-3	0.1	1	3.2	mg/kg	0.0545	U	~	~	0.238		~	~	0.0528	U	0.0546	U	0.0536	U

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-7 (0.5-1)		SB-6 (0.5-1)		SB-5 (0.5-1)		SB-5 (0.5-1)		SB-110 (0.5-1)		SB-111 (0.5-1)		SB-111 (0.5-1)	
SAMPLE DATE						12/20/2024		12/20/2024		12/20/2024		12/20/2024		1/28/2025		1/28/2025		1/28/2025	
LAB ID						L2475472-03		L2475472-04		L2475472-05		L2475472-05 R1		L2505081-01		L2505081-02		L2505081-02 R1	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																			
Solids, Total	NONE	NS	NS	NS	%	83.7		94.2		92.5		~	~	81.8		78.2		~	~
Cyanide, Total	57-12-5	2.3	13	40	mg/kg	1.1	U	1	U	1	U	~	~	1.1	U	1.2	U	~	~
Organochlorine Pesticides by GC																			
4,4'-DDD	72-54-8	0.0033	5	14	mg/kg	0.00188	U	0.000687	J	0.0011	J	~	~	0.00192	U	0.00202	U	~	~
4,4'-DDE	72-55-9	0.0033	3.4	9.3	mg/kg	0.00188	U	0.00726		0.0138		~	~	0.00192	U	0.00202	U	~	~
4,4'-DDT	50-29-3	0.0033	3.8	135	mg/kg	0.00188	U	0.00657		0.00268		~	~	0.00192	U	0.00202	U	~	~
Aldrin	309-00-2	0.0048	0.044	0.19	mg/kg	0.00188	U	0.00168	U	0.00167	U	~	~	0.00192	U	0.00202	U	~	~
Alpha-BHC	319-84-6	0.02	0.18	0.02	mg/kg	0.000782	U	0.0007	U	0.000695	U	~	~	0.000802	U	0.000844	U	~	~
Beta-BHC	319-85-7	0.021	0.18	0.09	mg/kg	0.00188	U	0.00168	U	0.00167	U	~	~	0.00192	U	0.00202	U	~	~
Chlordane	57-74-9	NS	NS	NS	mg/kg	0.0156	U	0.014	U	0.0139	U	~	~	0.016	U	0.0169	U	~	~
cis-Chlordane	5103-71-9	0.014	0.65	4.5	mg/kg	0.00234	U	0.00376		0.000872	J	~	~	0.00241	U	0.00253	U	~	~
Delta-BHC	319-86-8	0.04	100	0.1	mg/kg	0.00188	U	0.00168	U	0.00167	U	~	~	0.00192	U	0.00202	U	~	~
Dieldrin	60-57-1	0.005	0.075	0.1	mg/kg	0.00117	U	0.00105	U	0.00104	U	~	~	0.0012	U	0.00127	U	~	~
Endosulfan I	959-98-8	4.3	35	65	mg/kg	0.00188	U	0.00168	U	0.00167	U	~	~	0.00192	U	0.00202	U	~	~
Endosulfan II	33213-65-9	4.3	35	44	mg/kg	0.00188	U	0.00168	U	0.00167	U	~	~	0.00192	U	0.00202	U	~	~
Endosulfan sulfate	1031-07-8	4.3	35	47	mg/kg	0.000782	U	0.0007	U	0.000695	U	~	~	0.000802	U	0.000844	U	~	~
Endrin	72-20-8	0.014	5.3	0.06	mg/kg	0.000782	U	0.0007	U	0.000695	U	~	~	0.000802	U	0.000844	U	~	~
Endrin aldehyde	7421-93-4	NS	NS	NS	mg/kg	0.00234	U	0.0021	U	0.00208	U	~	~	0.00241	U	0.00253	U	~	~
Endrin ketone	53494-70-5	NS	NS	NS	mg/kg	0.00188	U	0.00168	U	0.00167	U	~	~	0.00192	U	0.00202	U	~	~
Heptachlor	76-44-8	0.013	0.53	0.38	mg/kg	0.000938	U	0.00084	U	0.000834	U	~	~	0.000962	U	0.00101	U	~	~
Heptachlor epoxide	1024-57-3	NS	NS	NS	mg/kg	0.00352	U	0.00315	U	0.00313	U	~	~	0.00361	U	0.0038	U	~	~
Lindane	58-89-9	0.025	0.21	0.05	mg/kg	0.000782	U	0.0007	U	0.000695	U	~	~	0.000802	U	0.000844	U	~	~
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	0.00352	U	0.00315	U	0.00313	U	~	~	0.00361	U	0.0038	U	~	~
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	0.0352	U	0.0315	U	0.0313	U	~	~	0.0361	U	0.038	U	~	~
trans-Chlordane	5103-74-2	NS	NS	NS	mg/kg	0.00234	U	0.00518		0.00356		~	~	0.00241	U	0.00253	U	~	~
Perfluorinated Alkyl Acids by EPA 1633																			
11Cl-PF3OUdS	763051-92-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
3:3FTCA	356-02-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
4:2FTS	757124-72-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
5:3FTCA	914637-49-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
6:2FTS	27619-97-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
7:3FTCA	812-70-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
8:2FTS	39108-34-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
9Cl-PF3ONS	756426-58-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
ADONA	919005-14-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
HFPO-DA	13252-13-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NEtFOSA	4151-50-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NEtFOSAA	2991-50-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NEtFOSE	1691-99-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NFDHA	151772-58-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NMeFOSA	31506-32-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NMeFOSAA	2355-31-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NMeFOSE	24448-09-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFBA	375-22-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFBS	375-73-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFDA	335-76-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFDoA	307-55-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFDoS	79780-39-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFDS	335-77-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFEESA	113507-82-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFHpA	375-85-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFHpS	375-92-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFHxA	307-24-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFHxS	355-46-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFMBA	863090-89-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFMPA	377-73-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFNA	375-95-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFNS	68259-12-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFOA	335-67-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFOS	1763-23-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFOSA	754-91-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFPeA	2706-90-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFPeS	2706-91-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFTeDA	376-06-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFTrDA	72629-94-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFUnA	2058-94-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Polychlorinated Biphenyls by GC																			
Aroclor 1016	12674-11-2	0.1	1	3.2	mg/kg	0.0591	U	0.0523	U	0.0523	U	~	~	0.0599	U	0.0624	U	~	~
Aroclor 1221	11104-28-2	0.1	1	3.2	mg/kg	0.0591	U	0.0523	U	0.0523	U	~	~	0.0599	U	0.0624	U	~	~
Aroclor 1232	11141-16-5	0.1	1	3.2	mg/kg	0.0591	U	0.0523	U	0.0523	U	~	~	0.0599	U	0.0624	U	~	~
Aroclor 1242	53469-21-9	0.1	1	3.2	mg/kg	0.0591	U	0.0523	U	0.0523	U	~	~	0.0599	U	0.147		~	~
Aroclor 1248	12672-29-6	0.1	1	3.2	mg/kg	0.0591	U	0.0523	U	0.0523	U	~	~	0.0599	U	0.0624	U	~	~
Aroclor 1254	11097-69-1	0.1	1	3.2	mg/kg	0.0591	U	0.0523	U	0.0523	U	~	~	0.0599	U	0.0676		~	~
Aroclor 1260	11096-82-5	0.1	1	3.2	mg/kg	0.0591	U	0.0523	U	0.0523	U	~	~	0.0599	U	0.0128	J	~	~
Aroclor 1262	37324-23-5	0.1	1	3.2	mg/kg	0.0591	U	0.0523	U	0.0523	U	~	~	0.0599	U	0.0624	U	~	~
Aroclor 1268	11100-14-4	0.1	1	3.2	mg/kg	0.0591	U	0.0523	U	0.0523	U	~	~	0.0599	U	0.0624	U	~	~
PCBs, Total	1336-36-3	0.1	1	3.2	mg/kg	0.0591	U	0.0523	U	0.0523	U	~	~	0.0599	U	0.227	J	~	~

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-112 (0.5-1)		SB-113 (0.5-1)		SB-114 (0.5-1)		SB-115 (0.5-1)		SB-116 (2-2.5)		SB-118 (3.5-4)		SB-119 (8-8.5)	
SAMPLE DATE						1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025	
LAB ID						L2505081-03		L2505081-04		L2505081-05		L2505081-06		L2505081-07		L2505081-08		L2505081-09	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																			
Solids, Total	NONE	NS	NS	NS	%	93.3		94.6		90.7		91.3		79.8		88.2		92.8	
Cyanide, Total	57-12-5	2.3	13	40	mg/kg	1	U	1	U	1	U	1	U	1.2	U	1.1	U	1	U
Organochlorine Pesticides by GC																			
4,4'-DDD	72-54-8	0.0033	5	14	mg/kg	0.00164	U	0.0016	U	0.00169	U	0.00166	U	0.00194	U	0.00176	U	0.0017	U
4,4'-DDE	72-55-9	0.0033	3.4	9.3	mg/kg	0.00131	J	0.00052	J	0.00105	J	0.00166	U	0.00194	U	0.00176	U	0.0017	U
4,4'-DDT	50-29-3	0.0033	3.8	135	mg/kg	0.00182		0.00421		0.00169	U	0.00166	U	0.00194	U	0.00176	U	0.0017	U
Aldrin	309-00-2	0.0048	0.044	0.19	mg/kg	0.00164	U	0.0016	U	0.00169	U	0.00166	U	0.00194	U	0.00176	U	0.0017	U
Alpha-BHC	319-84-6	0.02	0.18	0.02	mg/kg	0.000683	U	0.000665	U	0.000703	U	0.000693	U	0.00081	U	0.000736	U	0.000707	U
Beta-BHC	319-85-7	0.021	0.18	0.09	mg/kg	0.00164	U	0.0016	U	0.00169	U	0.00166	U	0.00194	U	0.00176	U	0.0017	U
Chlordane	57-74-9	NS	NS	NS	mg/kg	0.0137	U	0.0133	U	0.0141	U	0.0139	U	0.0162	U	0.0147	U	0.0141	U
cis-Chlordane	5103-71-9	0.014	0.65	4.5	mg/kg	0.00205	U	0.00199	U	0.00211	U	0.00208	U	0.00243	U	0.00221	U	0.00212	U
Delta-BHC	319-86-8	0.04	100	0.1	mg/kg	0.00164	U	0.0016	U	0.00169	U	0.00166	U	0.00194	U	0.00176	U	0.0017	U
Dieldrin	60-57-1	0.005	0.075	0.1	mg/kg	0.00102	U	0.000997	U	0.00105	U	0.00104	U	0.00122	U	0.0011	U	0.00106	U
Endosulfan I	959-98-8	4.3	35	65	mg/kg	0.00164	U	0.0016	U	0.00169	U	0.00166	U	0.00194	U	0.00176	U	0.0017	U
Endosulfan II	33213-65-9	4.3	35	44	mg/kg	0.00164	U	0.0016	U	0.00169	U	0.00166	U	0.00194	U	0.00176	U	0.0017	U
Endosulfan sulfate	1031-07-8	4.3	35	47	mg/kg	0.000683	U	0.000665	U	0.000703	U	0.000693	U	0.00081	U	0.000736	U	0.000707	U
Endrin	72-20-8	0.014	5.3	0.06	mg/kg	0.000683	U	0.000665	U	0.000703	U	0.000693	U	0.00081	U	0.000736	U	0.000707	U
Endrin aldehyde	7421-93-4	NS	NS	NS	mg/kg	0.00205	U	0.00199	U	0.00211	U	0.00208	U	0.00243	U	0.00221	U	0.00212	U
Endrin ketone	53494-70-5	NS	NS	NS	mg/kg	0.00164	U	0.0016	U	0.00169	U	0.00166	U	0.00194	U	0.00176	U	0.0017	U
Heptachlor	76-44-8	0.013	0.53	0.38	mg/kg	0.00082	U	0.000798	U	0.000844	U	0.000832	U	0.000972	U	0.000883	U	0.000848	U
Heptachlor epoxide	1024-57-3	NS	NS	NS	mg/kg	0.00307	U	0.00299	U	0.00316	U	0.00312	U	0.00364	U	0.00331	U	0.00318	U
Lindane	58-89-9	0.025	0.21	0.05	mg/kg	0.000683	U	0.000665	U	0.000703	U	0.000693	U	0.00081	U	0.000736	U	0.000707	U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	0.00307	U	0.00299	U	0.00316	U	0.00312	U	0.00364	U	0.00331	U	0.00318	U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	0.0307	U	0.0299	U	0.0316	U	0.0312	U	0.0364	U	0.0331	U	0.0318	U
trans-Chlordane	5103-74-2	NS	NS	NS	mg/kg	0.00205	U	0.00199	U	0.00211	U	0.00208	U	0.00243	U	0.00221	U	0.00212	U
Perfluorinated Alkyl Acids by EPA 1633																			
11Cl-PF3OUdS	763051-92-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
3:3FTCA	356-02-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
4:2FTS	757124-72-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
5:3FTCA	914637-49-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
6:2FTS	27619-97-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
7:3FTCA	812-70-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
8:2FTS	39108-34-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
9Cl-PF3ONS	756426-58-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
ADONA	919005-14-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
HFPO-DA	13252-13-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NEtFOSA	4151-50-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NEtFOSAA	2991-50-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NEtFOSE	1691-99-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NFDHA	151772-58-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NMeFOSA	31506-32-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NMeFOSAA	2355-31-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NMeFOSE	24448-09-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFBA	375-22-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFBS	375-73-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFDA	335-76-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFDoA	307-55-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFDoS	79780-39-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFDS	335-77-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFEESA	113507-82-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFHpA	375-85-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFHpS	375-92-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFHxA	307-24-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFHxS	355-46-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFMBA	863090-89-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFMPA	377-73-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFNA	375-95-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFNS	68259-12-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFOA	335-67-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFOS	1763-23-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFOSA	754-91-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFPeA	2706-90-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFPeS	2706-91-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFTeDA	376-06-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFTrDA	72629-94-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFUnA	2058-94-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Polychlorinated Biphenyls by GC																			
Aroclor 1016	12674-11-2	0.1	1	3.2	mg/kg	0.0519	U	0.0523	U	0.0549	U	0.0514	U	0.0612	U	0.0532	U	0.0516	U
Aroclor 1221	11104-28-2	0.1	1	3.2	mg/kg	0.0519	U	0.0523	U	0.0549	U	0.0514	U	0.0612	U	0.0532	U	0.0516	U
Aroclor 1232	11141-16-5	0.1	1	3.2	mg/kg	0.0519	U	0.0523	U	0.0549	U	0.0514	U	0.0612	U	0.0532	U	0.0516	U
Aroclor 1242	53469-21-9	0.1	1	3.2	mg/kg	0.0519	U	0.0523	U	0.0549	U	0.0514	U	0.0612	U	0.0532	U	0.0516	U
Aroclor 1248	12672-29-6	0.1	1	3.2	mg/kg	0.0519	U	0.0523	U	0.0549	U	0.0514	U	0.0612	U	0.0532	U	0.0516	U
Aroclor 1254	11097-69-1	0.1	1	3.2	mg/kg	0.0519	U	0.0523	U	0.0549	U	0.0514	U	0.0164	J	0.0532	U	0.0516	U
Aroclor 1260	11096-82-5	0.1	1	3.2	mg/kg	0.0519	U	0.0523	U	0.0549	U	0.0514	U	0.0612	U	0.0532	U	0.0516	U
Aroclor 1262	37324-23-5	0.1	1	3.2	mg/kg	0.0519	U	0.0523	U	0.0549	U	0.0514	U	0.0612	U	0.0532	U	0.0516	U
Aroclor 1268	11100-14-4	0.1	1	3.2	mg/kg	0.0519	U	0.0523	U	0.0549	U	0.0514	U	0.0612	U	0.0532	U	0.0516	U
PCBs, Total	1336-36-3	0.1	1	3.2	mg/kg	0.0519	U	0.0523	U	0.0549	U	0.0514	U	0.0164	J	0.0532	U	0.0516	U

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-107 (0.5-1)		SB-107 (0.5-1)		SB-103 (1-1.5)		SB-102 (0.5-1)		SB-102 (0.5-1)		SB-108 (0.5-1)		SB-100 (1-1.8)	
SAMPLE DATE						1/28/2025		1/28/2025		1/29/2025		1/29/2025		1/29/2025		1/29/2025		1/31/2025	
LAB ID						L2505081-10		L2505081-10 R1		L2505083-01		L2505083-02		L2505083-02 R1		L2505083-03		L2505704-01	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																			
Solids, Total	NONE	NS	NS	NS	%	89.7		~	~	93.1		93.6		~	~	88.8		93.7	
Cyanide, Total	57-12-5	2.3	13	40	mg/kg	0.32	J	~	~	1	U	1	U	~	~	1.1	U	1	U
Organochlorine Pesticides by GC																			
4,4'-DDD	72-54-8	0.0033	5	14	mg/kg	0.0741		~	~	0.000705	J	0.134		~	~	0.00173	U	0.00165	U
4,4'-DDE	72-55-9	0.0033	3.4	9.3	mg/kg	0.28		~	~	0.00617		0.28		~	~	0.00173	U	0.00165	U
4,4'-DDT	50-29-3	0.0033	3.8	135	mg/kg	0.914	E	0.925		0.0122		1.32	IPE	4.02		0.00173	U	0.00165	U
Aldrin	309-00-2	0.0048	0.044	0.19	mg/kg	0.00172	U	~	~	0.00163	U	0.00169	U	~	~	0.00173	U	0.00165	U
Alpha-BHC	319-84-6	0.02	0.18	0.02	mg/kg	0.000715	U	~	~	0.00068	U	0.000704	U	~	~	0.00072	U	0.000686	U
Beta-BHC	319-85-7	0.021	0.18	0.09	mg/kg	0.00172	U	~	~	0.00163	U	0.00169	U	~	~	0.00173	U	0.00165	U
Chlordane	57-74-9	NS	NS	NS	mg/kg	0.0143	U	~	~	0.0136	U	0.0141	U	~	~	0.0144	U	0.0137	U
cis-Chlordane	5103-71-9	0.014	0.65	4.5	mg/kg	0.00205	JIP	~	~	0.00204	U	0.00156	JIP	~	~	0.00216	U	0.00206	U
Delta-BHC	319-86-8	0.04	100	0.1	mg/kg	0.00172	U	~	~	0.00163	U	0.00169	U	~	~	0.00173	U	0.00165	U
Dieldrin	60-57-1	0.005	0.075	0.1	mg/kg	0.00107	U	~	~	0.00102	U	0.00106	U	~	~	0.00108	U	0.00103	U
Endosulfan I	959-98-8	4.3	35	65	mg/kg	0.00172	U	~	~	0.00163	U	0.00169	U	~	~	0.00173	U	0.00165	U
Endosulfan II	33213-65-9	4.3	35	44	mg/kg	0.00172	U	~	~	0.00163	U	0.00169	U	~	~	0.00173	U	0.00165	U
Endosulfan sulfate	1031-07-8	4.3	35	47	mg/kg	0.000715	U	~	~	0.00068	U	0.000704	U	~	~	0.00072	U	0.000686	U
Endrin	72-20-8	0.014	5.3	0.06	mg/kg	0.000715	U	~	~	0.00068	U	0.000704	U	~	~	0.00072	U	0.000686	U
Endrin aldehyde	7421-93-4	NS	NS	NS	mg/kg	0.00214	U	~	~	0.00204	U	0.00211	U	~	~	0.00216	U	0.00206	U
Endrin ketone	53494-70-5	NS	NS	NS	mg/kg	0.00172	U	~	~	0.00163	U	0.00169	U	~	~	0.00173	U	0.00165	U
Heptachlor	76-44-8	0.013	0.53	0.38	mg/kg	0.000858	U	~	~	0.000816	U	0.000845	U	~	~	0.000864	U	0.000823	U
Heptachlor epoxide	1024-57-3	NS	NS	NS	mg/kg	0.00322	U	~	~	0.00306	U	0.00317	U	~	~	0.00324	U	0.00309	U
Lindane	58-89-9	0.025	0.21	0.05	mg/kg	0.000715	U	~	~	0.00068	U	0.000704	U	~	~	0.00072	U	0.000686	U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	0.00247	JIP	~	~	0.00306	U	0.00317	U	~	~	0.00324	U	0.00309	U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	0.0322	U	~	~	0.0306	U	0.0317	U	~	~	0.0324	U	0.0309	U
trans-Chlordane	5103-74-2	NS	NS	NS	mg/kg	0.00587		~	~	0.00204	U	0.0045		~	~	0.00216	U	0.00206	U
Perfluorinated Alkyl Acids by EPA 1633																			
11Cl-PF3OUdS	763051-92-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
3:3FTCA	356-02-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
4:2FTS	757124-72-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
5:3FTCA	914637-49-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
6:2FTS	27619-97-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
7:3FTCA	812-70-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
8:2FTS	39108-34-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
9Cl-PF3ONS	756426-58-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
ADONA	919005-14-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
HFPO-DA	13252-13-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NEtFOSA	4151-50-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NEtFOSAA	2991-50-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NEtFOSE	1691-99-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NFDHA	151772-58-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NMeFOSA	31506-32-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NMeFOSAA	2355-31-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
NMeFOSE	24448-09-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFBA	375-22-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFBS	375-73-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFDA	335-76-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFDoA	307-55-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFDoS	79780-39-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFDS	335-77-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFEESA	113507-82-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFHpA	375-85-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFHpS	375-92-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFHxA	307-24-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFHxS	355-46-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFMBA	863090-89-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFMPA	377-73-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFNA	375-95-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFNS	68259-12-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFOA	335-67-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFOS	1763-23-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFOSA	754-91-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFPeA	2706-90-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFPeS	2706-91-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFTeDA	376-06-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFTrDA	72629-94-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
PFUnA	2058-94-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Polychlorinated Biphenyls by GC																			
Aroclor 1016	12674-11-2	0.1	1	3.2	mg/kg	0.0519	U	~	~	0.0507	U	0.052	U	~	~	0.0529	U	0.0492	U
Aroclor 1221	11104-28-2	0.1	1	3.2	mg/kg	0.0519	U	~	~	0.0507	U	0.052	U	~	~	0.0529	U	0.0492	U
Aroclor 1232	11141-16-5	0.1	1	3.2	mg/kg	0.0519	U	~	~	0.0507	U	0.052	U	~	~	0.0529	U	0.0492	U
Aroclor 1242	53469-21-9	0.1	1	3.2	mg/kg	0.0519	U	~	~	0.0507	U	0.052	U	~	~	0.0529	U	0.0492	U
Aroclor 1248	12672-29-6	0.1	1	3.2	mg/kg	0.0519	U	~	~	0.0507	U	0.052	U	~	~	0.0529	U	0.0492	U
Aroclor 1254	11097-69-1	0.1	1	3.2	mg/kg	0.0519	U	~	~	0.0507	U	0.052	U	~	~	0.0529	U	0.0492	U
Aroclor 1260	11096-82-5	0.1	1	3.2	mg/kg	0.0354	J	~	~	0.0507	U	0.0154	J	~	~	0.0529	U	0.0492	U
Aroclor 1262	37324-23-5	0.1	1	3.2	mg/kg	0.0519	U	~	~	0.0507	U	0.052	U	~	~	0.0529	U	0.0492	U
Aroclor 1268	11100-14-4	0.1	1	3.2	mg/kg	0.0519	U	~	~	0.0507	U	0.052	U	~	~	0.0529	U	0.0492	U
PCBs, Total	1336-36-3	0.1	1	3.2	mg/kg	0.0354	J	~	~	0.0507	U	0.0154	J	~	~	0.0529	U	0.0492	U

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-101 (0.5-1)		SB-104 (0.5-1)		SB-105 (0.5-1)		SB-106 (0.5-1)		SB-109 (0.5-1)		SB-117 (0.5-1)	
SAMPLE DATE						1/31/2025		1/31/2025		1/31/2025		1/31/2025		1/31/2025		1/31/2025	
LAB ID						L2505704-02		L2505704-03		L2505704-04		L2505704-05		L2505704-06		L2505704-07	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																	
Solids, Total	NONE	NS	NS	NS	%	89.3		93.3		88.3		84.6		92.3		88.7	
Cyanide, Total	57-12-5	2.3	13	40	mg/kg	1.1	U	0.98	U	1	U	1.1	U	1	U	1	U
Organochlorine Pesticides by GC																	
4,4'-DDD	72-54-8	0.0033	5	14	mg/kg	0.00367		0.000937	J	0.00179	U	0.00181	U	0.00168	U	0.00173	U
4,4'-DDE	72-55-9	0.0033	3.4	9.3	mg/kg	0.0198		0.0202		0.00179	U	0.000458	J	0.00168	U	0.00114	J
4,4'-DDT	50-29-3	0.0033	3.8	135	mg/kg	0.00313		0.00141	JIP	0.00179	U	0.00181	U	0.00168	U	0.00173	U
Aldrin	309-00-2	0.0048	0.044	0.19	mg/kg	0.00169	U	0.00165	U	0.00179	U	0.00181	U	0.00168	U	0.00173	U
Alpha-BHC	319-84-6	0.02	0.18	0.02	mg/kg	0.000706	U	0.000688	U	0.000746	U	0.000753	U	0.0007	U	0.00072	U
Beta-BHC	319-85-7	0.021	0.18	0.09	mg/kg	0.00169	U	0.00165	U	0.00179	U	0.00181	U	0.00168	U	0.00173	U
Chlordane	57-74-9	NS	NS	NS	mg/kg	0.0141	U	0.0138	U	0.0149	U	0.015	U	0.014	U	0.0144	U
cis-Chlordane	5103-71-9	0.014	0.65	4.5	mg/kg	0.00212	U	0.000785	JIP	0.00224	U	0.00226	U	0.0021	U	0.00151	J
Delta-BHC	319-86-8	0.04	100	0.1	mg/kg	0.00169	U	0.00165	U	0.00179	U	0.00181	U	0.00168	U	0.00173	U
Dieldrin	60-57-1	0.005	0.075	0.1	mg/kg	0.00106	U	0.00103	U	0.00112	U	0.00113	U	0.00105	U	0.00108	U
Endosulfan I	959-98-8	4.3	35	65	mg/kg	0.00169	U	0.00165	U	0.00179	U	0.00181	U	0.00168	U	0.00173	U
Endosulfan II	33213-65-9	4.3	35	44	mg/kg	0.00169	U	0.00165	U	0.00179	U	0.00181	U	0.00168	U	0.00173	U
Endosulfan sulfate	1031-07-8	4.3	35	47	mg/kg	0.000706	U	0.000688	U	0.000746	U	0.000753	U	0.0007	U	0.00072	U
Endrin	72-20-8	0.014	5.3	0.06	mg/kg	0.000706	U	0.000688	U	0.000746	U	0.000753	U	0.0007	U	0.00072	U
Endrin aldehyde	7421-93-4	NS	NS	NS	mg/kg	0.00212	U	0.00206	U	0.00224	U	0.00226	U	0.0021	U	0.00216	U
Endrin ketone	53494-70-5	NS	NS	NS	mg/kg	0.00169	U	0.00165	U	0.00179	U	0.00181	U	0.00168	U	0.00173	U
Heptachlor	76-44-8	0.013	0.53	0.38	mg/kg	0.000847	U	0.000826	U	0.000896	U	0.000903	U	0.00084	U	0.000864	U
Heptachlor epoxide	1024-57-3	NS	NS	NS	mg/kg	0.00318	U	0.0031	U	0.00336	U	0.00339	U	0.00315	U	0.00324	U
Lindane	58-89-9	0.025	0.21	0.05	mg/kg	0.000706	U	0.000688	U	0.000746	U	0.000753	U	0.0007	U	0.00072	U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	0.00318	U	0.0031	U	0.00336	U	0.00339	U	0.00315	U	0.00324	U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	0.0318	U	0.031	U	0.0336	U	0.0339	U	0.0315	U	0.0324	U
trans-Chlordane	5103-74-2	NS	NS	NS	mg/kg	0.00212	U	0.00383		0.00224	U	0.00226	U	0.0021	U	0.00158	JIP
Perfluorinated Alkyl Acids by EPA 1633																	
11Cl-PF3OUdS	763051-92-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
3:3FTCA	356-02-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
4:2FTS	757124-72-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
5:3FTCA	914637-49-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
6:2FTS	27619-97-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
7:3FTCA	812-70-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
8:2FTS	39108-34-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
9Cl-PF3ONS	756426-58-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
ADONA	919005-14-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
HFPO-DA	13252-13-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
NEtFOSA	4151-50-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
NEtFOSAA	2991-50-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
NEtFOSE	1691-99-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
NFDHA	151772-58-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
NMeFOSA	31506-32-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
NMeFOSAA	2355-31-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
NMeFOSE	24448-09-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFBA	375-22-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFBS	375-73-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFDA	335-76-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFDoA	307-55-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFDoS	79780-39-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFDS	335-77-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFEESA	113507-82-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFHpA	375-85-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFHpS	375-92-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFHxA	307-24-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFHxS	355-46-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFMBA	863090-89-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFMPA	377-73-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFNA	375-95-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFNS	68259-12-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFOA	335-67-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFOS	1763-23-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFOSA	754-91-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFPeA	2706-90-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFPeS	2706-91-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFTeDA	376-06-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFTrDA	72629-94-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
PFUnA	2058-94-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Polychlorinated Biphenyls by GC																	
Aroclor 1016	12674-11-2	0.1	1	3.2	mg/kg	0.0531	U	0.051	U	0.053	U	0.0546	U	0.052	U	0.0535	U
Aroclor 1221	11104-28-2	0.1	1	3.2	mg/kg	0.0531	U	0.051	U	0.053	U	0.0546	U	0.052	U	0.0535	U
Aroclor 1232	11141-16-5	0.1	1	3.2	mg/kg	0.0531	U	0.051	U	0.053	U	0.0546	U	0.052	U	0.0535	U
Aroclor 1242	53469-21-9	0.1	1	3.2	mg/kg	0.0531	U	0.051	U	0.053	U	0.0546	U	0.052	U	0.0535	U
Aroclor 1248	12672-29-6	0.1	1	3.2	mg/kg	0.0531	U	0.051	U	0.053	U	0.0546	U	0.052	U	0.0535	U
Aroclor 1254	11097-69-1	0.1	1	3.2	mg/kg	0.0531	U	0.051	U	0.053	U	0.0546	U	0.052	U	0.0535	U
Aroclor 1260	11096-82-5	0.1	1	3.2	mg/kg	0.0531	U	0.051	U	0.053	U	0.0546	U	0.052	U	0.0535	U
Aroclor 1262	37324-23-5	0.1	1	3.2	mg/kg	0.0531	U	0.051	U	0.053	U	0.0546	U	0.052	U	0.0535	U
Aroclor 1268	11100-14-4	0.1	1	3.2	mg/kg	0.0531	U	0.051	U	0.053	U	0.0546	U	0.052	U	0.0535	U
PCBs, Total	1336-36-3	0.1	1	3.2	mg/kg	0.0531	U	0.051	U	0.053	U	0.0546	U	0.052	U	0.0535	U

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-14 (0.5-1)		SB-13 (1-1.5)		SB-1 (3.5-4)		SB-2 (0.5-1)		SB-3 (5-5.5)		SB-11 (0.5-1)		SB-4 (0.5-1)	
SAMPLE DATE						12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024	
LAB ID						L2475113-01		L2475113-02		L2475113-03		L2475113-04		L2475113-07		L2475113-08		L2475113-09	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																			
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	0.18	U	0.18	U	0.38		0.18	U	0.5	U	0.19	U	0.19	U
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	0.027	U	0.027	U	0.029	U	0.026	U	0.075	U	0.028	U	0.029	U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	0.11	U	0.11	U	0.12	U	0.1	U	0.3	U	0.11	U	0.12	U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	0.16	U	0.16	U	0.18	U	0.16	U	0.45	U	0.17	U	0.17	U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	0.86	U	0.86	U	0.94	U	0.84	U	2.4	U	0.9	U	0.92	U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.22	U	0.035	J	0.036	J	0.21	U	0.6	U	0.22	U	0.23	U
2-Methylphenol	95-48-7	0.33	100	0.33	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	0.39	U	0.39	U	0.42	U	0.38	U	1.1	U	0.4	U	0.42	U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	0.33	mg/kg	0.26	U	0.26	U	0.036	J	0.25	U	0.72	U	0.27	U	0.28	U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
4,6-Dinitro-o-cresol	534-52-1	NS	NS	NS	mg/kg	0.47	U	0.46	U	0.51	U	0.46	U	1.3	U	0.49	U	0.5	U
4-Bromophenyl phenyl ether	101-55-3	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	0.25	U	0.25	U	0.27	U	0.24	U	0.7	U	0.26	U	0.27	U
Acenaphthene	83-32-9	20	100	98	mg/kg	0.14	U	0.14	U	0.16	U	0.14	U	0.4	U	0.15	U	0.15	U
Acenaphthylene	208-96-8	100	100	365	mg/kg	0.14	U	0.14	U	0.16	U	0.03	J	0.4	U	0.046	J	0.15	U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	0.18	U	0.072	J	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
Anthracene	120-12-7	100	100	1000	mg/kg	0.039	J	0.11	U	0.12	U	0.1	U	0.3	U	0.055	J	0.12	U
Benzo(a)anthracene	56-55-3	1	1.4	1	mg/kg	0.17		0.065	J	0.058	J	0.15		0.3	U	0.31		0.029	J
Benzo(a)pyrene	50-32-8	1	1	22	mg/kg	0.16		0.14	U	0.06	J	0.15		0.4	U	0.26		0.15	U
Benzo(b)fluoranthene	205-99-2	1	1.4	2.1	mg/kg	0.2		0.088	J	0.081	J	0.19		0.3	U	0.32		0.12	U
Benzo(ghi)perylene	191-24-2	0.64	4.9	1000	mg/kg	0.1	J	0.058	J	0.063	J	0.1	J	0.4	U	0.14	J	0.15	U
Benzo(k)fluoranthene	207-08-9	0.8	4.9	2	mg/kg	0.083	J	0.11	U	0.12	U	0.065	J	0.3	U	0.11		0.12	U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	0.58	U	0.58	U	0.63	U	0.57	U	1.6	U	0.61	U	0.62	U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
Biphenyl	92-52-4	NS	NS	NS	mg/kg	0.41	U	0.41	U	0.44	U	0.4	U	1.1	U	0.43	U	0.44	U
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	NS	mg/kg	0.19	U	0.19	U	0.21	U	0.19	U	0.54	U	0.2	U	0.21	U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	NS	mg/kg	0.16	U	0.16	U	0.18	U	0.16	U	0.45	U	0.17	U	0.17	U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	NS	mg/kg	0.22	U	0.21	U	0.23	U	0.21	U	0.6	U	0.22	U	0.23	U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.64		0.18	U	0.29	J	0.19	U	0.19	U
Butyl benzyl phthalate	85-68-7	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	3.2		0.19	U	0.19	U
Carbazole	86-74-8	NS	NS	NS	mg/kg	0.023	J	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
Chrysene	218-01-9	1	4.9	1	mg/kg	0.17		0.16		0.076	J	0.15		0.3	U	0.28		0.025	J
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	mg/kg	0.025	J	0.11	U	0.12	U	0.02	J	0.3	U	0.033	J	0.12	U
Dibenzofuran	132-64-9	2.1	18	110	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
Di-n-butylphthalate	84-74-2	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
Di-n-octylphthalate	117-84-0	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
Fluoranthene	206-44-0	85	100	1000	mg/kg	0.36		0.043	J	0.072	J	0.27		0.3	U	0.48		0.038	J
Fluorene	86-73-7	30	100	386	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
Hexachlorobenzene	118-74-1	0.33	0.33	3.2	mg/kg	0.11	U	0.11	U	0.12	U	0.1	U	0.3	U	0.11	U	0.12	U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	0.52	U	0.51	U	0.56	U	0.5	U	1.4	U	0.54	U	0.55	U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	0.14	U	0.14	U	0.16	U	0.14	U	0.4	U	0.15	U	0.15	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	1.4	6.6	mg/kg	0.1	J	0.04	J	0.043	J	0.098	J	0.4	U	0.14	J	0.15	U
Isophorone	78-59-1	NS	NS	NS	mg/kg	0.16	U	0.16	U	0.18	U	0.16	U	0.45	U	0.17	U	0.17	U
Naphthalene	91-20-3	12	100	12	mg/kg	0.18	U	0.04	J	0.096	J	0.18	U	0.5	U	0.19	U	0.19	U
NDPA/DPA	86-30-6	NS	NS	NS	mg/kg	0.14	U	0.14	U	0.16	U	0.14	U	0.4	U	0.15	U	0.15	U
Nitrobenzene	98-95-3	0.08	1.8	0.08	mg/kg	0.16	U	0.16	U	0.18	U	0.16	U	0.45	U	0.17	U	0.17	U
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
p-Chloro-m-cresol	59-50-7	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
Pentachlorophenol	87-86-5	0.8	1.3	0.8	mg/kg	0.14	U	0.14	U	0.16	U	0.14	U	0.4	U	0.15	U	0.15	U
Phenanthrene	85-01-8	1.1	4.9	1000	mg/kg	0.15		0.16		0.056	J	0.1		0.3	U	0.14		0.12	U
Phenol	108-95-2	0.33	100	0.33	mg/kg	0.18	U	0.18	U	0.2	U	0.18	U	0.5	U	0.19	U	0.19	U
Pyrene	129-00-0	64	100	1000	mg/kg	0.29		0.052	J	0.097	J	0.23		0.054	J	0.41		0.037	J

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-12 (0.5-1)		SB-12 (0.5-1)		SB-10 (0.5-1)		SB-10 (0.5-1)		SB-9 (0.5-1)		SB-8 (0.5-1)		SB-15 (0.5-1)	
SAMPLE DATE						12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/20/2024		12/20/2024	
LAB ID						L2475113-10		L2475113-10 R1		L2475113-11		L2475113-11 R1		L2475113-12		L2475472-01		L2475472-02	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																			
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	0.027	U	~	~	0.032	U	~	~	0.027	U	0.027	U	0.026	U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	0.11	U	~	~	0.13	U	~	~	0.11	U	0.11	U	0.1	U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	0.16	U	~	~	0.19	U	~	~	0.16	U	0.16	U	0.16	U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	0.87	U	~	~	1	U	~	~	0.88	U	0.87	U	0.84	U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.22	U	~	~	1.2		~	~	0.22	U	0.076	J	0.022	J
2-Methylphenol	95-48-7	0.33	100	0.33	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	0.39	U	~	~	0.46	U	~	~	0.39	U	0.39	U	0.38	U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	0.33	mg/kg	0.26	U	~	~	0.14	J	~	~	0.26	U	0.26	U	0.25	U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
4,6-Dinitro-o-cresol	534-52-1	NS	NS	NS	mg/kg	0.47	U	~	~	0.55	U	~	~	0.47	U	0.47	U	0.46	U
4-Bromophenyl phenyl ether	101-55-3	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	0.25	U	~	~	0.3	U	~	~	0.26	U	0.25	U	0.25	U
Acenaphthene	83-32-9	20	100	98	mg/kg	0.14	U	~	~	0.076	J	~	~	0.14	U	0.14	U	0.054	J
Acenaphthylene	208-96-8	100	100	365	mg/kg	0.14	U	~	~	0.079	J	~	~	0.14	U	0.14	U	0.051	J
Acetophenone	98-86-2	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
Anthracene	120-12-7	100	100	1000	mg/kg	0.11	U	~	~	0.27		~	~	0.11	U	0.11	U	0.17	
Benzo(a)anthracene	56-55-3	1	1.4	1	mg/kg	0.11	U	~	~	0.84		~	~	0.11	U	0.11	U	0.52	
Benzo(a)pyrene	50-32-8	1	1	22	mg/kg	0.14	U	~	~	0.81		~	~	0.14	U	0.14	U	0.53	
Benzo(b)fluoranthene	205-99-2	1	1.4	2.1	mg/kg	0.11	U	~	~	0.88		~	~	0.11	U	0.11	U	0.67	
Benzo(ghi)perylene	191-24-2	0.64	4.9	1000	mg/kg	0.14	U	~	~	0.79		~	~	0.14	U	0.14	U	0.3	
Benzo(k)fluoranthene	207-08-9	0.8	4.9	2	mg/kg	0.11	U	~	~	0.59		~	~	0.11	U	0.11	U	0.23	
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	0.59	U	~	~	0.69	U	~	~	0.59	U	0.58	U	0.57	U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
Biphenyl	92-52-4	NS	NS	NS	mg/kg	0.41	U	~	~	0.37	J	~	~	0.42	U	0.41	U	0.4	U
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	NS	mg/kg	0.2	U	~	~	0.23	U	~	~	0.2	U	0.2	U	0.19	U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	NS	mg/kg	0.16	U	~	~	0.19	U	~	~	0.16	U	0.16	U	0.16	U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	NS	mg/kg	0.22	U	~	~	0.26	U	~	~	0.22	U	0.22	U	0.21	U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
Butyl benzyl phthalate	85-68-7	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
Carbazole	86-74-8	NS	NS	NS	mg/kg	0.18	U	~	~	0.16	J	~	~	0.18	U	0.18	U	0.079	J
Chrysene	218-01-9	1	4.9	1	mg/kg	0.11	U	~	~	1		~	~	0.021	J	0.11	U	0.51	
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	mg/kg	0.11	U	~	~	0.12	J	~	~	0.11	U	0.11	U	0.092	J
Dibenzofuran	132-64-9	2.1	18	110	mg/kg	0.18	U	~	~	0.18	J	~	~	0.18	U	0.18	U	0.034	J
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
Di-n-butylphthalate	84-74-2	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
Di-n-octylphthalate	117-84-0	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
Fluoranthene	206-44-0	85	100	1000	mg/kg	0.11	U	~	~	1.3		~	~	0.11	U	0.11	U	0.92	
Fluorene	86-73-7	30	100	386	mg/kg	0.18	U	~	~	0.18	J	~	~	0.18	U	0.18	U	0.049	J
Hexachlorobenzene	118-74-1	0.33	0.33	3.2	mg/kg	0.11	U	~	~	0.13	U	~	~	0.11	U	0.11	U	0.1	U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	0.52	U	~	~	0.61	U	~	~	0.52	U	0.52	U	0.5	U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	0.14	U	~	~	0.17	U	~	~	0.14	U	0.14	U	0.14	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	1.4	6.6	mg/kg	0.14	U	~	~	0.54		~	~	0.14	U	0.14	U	0.27	
Isophorone	78-59-1	NS	NS	NS	mg/kg	0.16	U	~	~	0.19	U	~	~	0.16	U	0.16	U	0.16	U
Naphthalene	91-20-3	12	100	12	mg/kg	0.18	U	~	~	1		~	~	0.18	U	0.052	J	0.03	J
NDPA/DPA	86-30-6	NS	NS	NS	mg/kg	0.14	U	~	~	0.17	U	~	~	0.14	U	0.14	U	0.14	U
Nitrobenzene	98-95-3	0.08	1.8	0.08	mg/kg	0.16	U	~	~	0.19	U	~	~	0.16	U	0.16	U	0.16	U
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
p-Chloro-m-cresol	59-50-7	NS	NS	NS	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
Pentachlorophenol	87-86-5	0.8	1.3	0.8	mg/kg	0.14	U	~	~	0.17	U	~	~	0.14	U	0.14	U	0.14	U
Phenanthrene	85-01-8	1.1	4.9	1000	mg/kg	0.11	U	~	~	1.1		~	~	0.11	U	0.038	J	0.6	
Phenol	108-95-2	0.33	100	0.33	mg/kg	0.18	U	~	~	0.21	U	~	~	0.18	U	0.18	U	0.18	U
Pyrene	129-00-0	64	100	1000	mg/kg	0.11	U	~	~	1.2		~	~	0.11	U	0.11	U	0.82	

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-7 (0.5-1)		SB-6 (0.5-1)		SB-5 (0.5-1)		SB-5 (0.5-1)		SB-110 (0.5-1)		SB-111 (0.5-1)		SB-111 (0.5-1)	
SAMPLE DATE						12/20/2024		12/20/2024		12/20/2024		12/20/2024		1/28/2025		1/28/2025		1/28/2025	
LAB ID						L2475472-03		L2475472-04		L2475472-05		L2475472-05 R1		L2505081-01		L2505081-02		L2505081-02 R1	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																			
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	0.029	U	0.026	U	0.027	U	0.027	U	0.03	U	0.031	U	~	~
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	0.12	U	0.1	U	0.11	U	0.11	U	0.12	U	0.12	U	~	~
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	0.17	U	0.16	U	0.16	U	0.16	U	0.18	U	0.19	U	~	~
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	0.93	U	0.84	U	0.86	U	0.85	U	0.96	U	1	U	~	~
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.23	U	0.21	U	0.22	U	0.21	U	0.03	J	2.5		~	~
2-Methylphenol	95-48-7	0.33	100	0.33	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	0.42	U	0.38	U	0.39	U	0.38	U	0.43	U	0.45	U	~	~
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	0.33	mg/kg	0.28	U	0.25	U	0.26	U	0.26	U	0.29	U	0.084	J	~	~
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
4,6-Dinitro-o-cresol	534-52-1	NS	NS	NS	mg/kg	0.5	U	0.46	U	0.47	U	0.46	U	0.52	U	0.54	U	~	~
4-Bromophenyl phenyl ether	101-55-3	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	0.27	U	0.24	U	0.25	U	0.25	U	0.28	U	0.29	U	~	~
Acenaphthene	83-32-9	20	100	98	mg/kg	0.16	U	0.14	U	0.14	U	0.14	U	0.16	U	0.62		~	~
Acenaphthylene	208-96-8	100	100	365	mg/kg	0.16	U	0.14	U	0.14	U	0.14	U	0.16	U	8.2		~	~
Acetophenone	98-86-2	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.032	J	0.42		~	~
Anthracene	120-12-7	100	100	1000	mg/kg	0.12	U	0.1	U	0.11	U	0.11	U	0.12	U	9.1	E	4.1	
Benzo(a)anthracene	56-55-3	1	1.4	1	mg/kg	0.12	U	0.1	U	0.11	U	0.11	U	0.095	J	14	E	7.9	
Benzo(a)pyrene	50-32-8	1	1	22	mg/kg	0.16	U	0.14	U	0.14	U	0.14	U	0.11	J	9.4	E	6.8	
Benzo(b)fluoranthene	205-99-2	1	1.4	2.1	mg/kg	0.12	U	0.1	U	0.11	U	0.11	U	0.15		9.6	E	6.3	
Benzo(ghi)perylene	191-24-2	0.64	4.9	1000	mg/kg	0.16	U	0.14	U	0.14	U	0.14	U	0.092	J	5.9		~	~
Benzo(k)fluoranthene	207-08-9	0.8	4.9	2	mg/kg	0.12	U	0.1	U	0.11	U	0.11	U	0.053	J	2.2		~	~
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	0.63	U	0.57	U	0.58	U	0.57	U	0.65	U	0.68	U	~	~
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
Biphenyl	92-52-4	NS	NS	NS	mg/kg	0.44	U	0.4	U	0.41	U	0.4	U	0.46	U	0.29	J	~	~
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	NS	mg/kg	0.21	U	0.19	U	0.19	U	0.19	U	0.22	U	0.23	U	~	~
Bis(2-chloroethyl)ether	111-44-4	NS	NS	NS	mg/kg	0.17	U	0.16	U	0.16	U	0.16	U	0.18	U	0.19	U	~	~
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	NS	mg/kg	0.23	U	0.21	U	0.22	U	0.21	U	0.24	U	0.25	U	~	~
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	NS	mg/kg	0.19	U	0.081	J	0.085	J	0.069	J	0.2	U	0.085	J	~	~
Butyl benzyl phthalate	85-68-7	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
Carbazole	86-74-8	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.2	J	~	~
Chrysene	218-01-9	1	4.9	1	mg/kg	0.12	U	0.1	U	0.022	J	0.026	J	0.13		13	E	9.4	
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	mg/kg	0.12	U	0.1	U	0.11	U	0.11	U	0.023	J	1.7		~	~
Dibenzofuran	132-64-9	2.1	18	110	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.32		~	~
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
Di-n-butylphthalate	84-74-2	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
Di-n-octylphthalate	117-84-0	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
Fluoranthene	206-44-0	85	100	1000	mg/kg	0.12	U	0.1	U	0.026	J	0.031	J	0.17		16	E	9.8	
Fluorene	86-73-7	30	100	386	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	1.8		~	~
Hexachlorobenzene	118-74-1	0.33	0.33	3.2	mg/kg	0.12	U	0.1	U	0.11	U	0.11	U	0.12	U	0.12	U	~	~
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	0.56	U	0.5	U	0.51	U	0.51	U	0.57	U	0.6	U	~	~
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	0.16	U	0.14	U	0.14	U	0.14	U	0.16	U	0.17	U	~	~
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	1.4	6.6	mg/kg	0.16	U	0.14	U	0.14	U	0.14	U	0.075	J	4.3		~	~
Isophorone	78-59-1	NS	NS	NS	mg/kg	0.17	U	0.16	U	0.16	U	0.16	U	0.18	U	0.19	U	~	~
Naphthalene	91-20-3	12	100	12	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.039	J	3.8		~	~
NDPA/DPA	86-30-6	NS	NS	NS	mg/kg	0.16	U	0.14	U	0.14	U	0.14	U	0.16	U	0.17	U	~	~
Nitrobenzene	98-95-3	0.08	1.8	0.08	mg/kg	0.17	U	0.16	U	0.16	U	0.16	U	0.18	U	0.19	U	~	~
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
p-Chloro-m-cresol	59-50-7	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
Pentachlorophenol	87-86-5	0.8	1.3	0.8	mg/kg	0.16	U	0.14	U	0.14	U	0.14	U	0.16	U	0.17	U	~	~
Phenanthrene	85-01-8	1.1	4.9	1000	mg/kg	0.12	U	0.1	U	0.025	J	0.027	J	0.092	J	12	E	8.5	
Phenol	108-95-2	0.33	100	0.33	mg/kg	0.19	U	0.18	U	0.18	U	0.18	U	0.2	U	0.21	U	~	~
Pyrene	129-00-0	64	100	1000	mg/kg	0.12	U	0.1	U	0.022	J	0.029	J	0.17		22	E	20	

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-112 (0.5-1)		SB-113 (0.5-1)		SB-114 (0.5-1)		SB-115 (0.5-1)		SB-116 (2-2.5)		SB-118 (3.5-4)		SB-119 (8-8.5)	
SAMPLE DATE						1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025	
LAB ID						L2505081-03		L2505081-04		L2505081-05		L2505081-06		L2505081-07		L2505081-08		L2505081-09	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																			
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	0.027	U	0.026	U	0.027	U	0.027	U	0.03	U	0.14	U	0.027	U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	0.11	U	0.1	U	0.11	U	0.11	U	0.12	U	0.56	U	0.11	U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	0.16	U	0.15	U	0.16	U	0.16	U	0.18	U	0.83	U	0.16	U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	0.85	U	0.82	U	0.86	U	0.86	U	0.97	U	4.4	U	0.86	U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.057	J	0.2	U	0.22	U	0.22	U	0.068	J	0.11	J	0.21	U
2-Methylphenol	95-48-7	0.33	100	0.33	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	0.38	U	0.37	U	0.39	U	0.39	U	0.44	U	2	U	0.38	U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	0.33	mg/kg	0.26	U	0.25	U	0.26	U	0.26	U	0.29	U	1.3	U	0.26	U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
4,6-Dinitro-o-cresol	534-52-1	NS	NS	NS	mg/kg	0.46	U	0.44	U	0.47	U	0.47	U	0.53	U	2.4	U	0.46	U
4-Bromophenyl phenyl ether	101-55-3	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	0.25	U	0.24	U	0.25	U	0.25	U	0.28	U	1.3	U	0.25	U
Acenaphthene	83-32-9	20	100	98	mg/kg	0.24		0.14	U	0.14	U	0.14	U	0.16	U	0.74	U	0.14	U
Acenaphthylene	208-96-8	100	100	365	mg/kg	0.047	J	0.14	U	0.14	U	0.14	U	0.068	J	1.2		0.14	U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
Anthracene	120-12-7	100	100	1000	mg/kg	0.57		0.1	U	0.11	U	0.11	U	0.062	J	0.36	J	0.11	U
Benzo(a)anthracene	56-55-3	1	1.4	1	mg/kg	2		0.022	J	0.11	U	0.021	J	0.16		1.1		0.05	J
Benzo(a)pyrene	50-32-8	1	1	22	mg/kg	1.9		0.14	U	0.14	U	0.14	U	0.14	J	1.3		0.067	J
Benzo(b)fluoranthene	205-99-2	1	1.4	2.1	mg/kg	2.4		0.1	U	0.11	U	0.11	U	0.13		1.4		0.055	J
Benzo(ghi)perylene	191-24-2	0.64	4.9	1000	mg/kg	0.99		0.16		0.14	U	0.14	U	0.082	J	2.1		0.5	
Benzo(k)fluoranthene	207-08-9	0.8	4.9	2	mg/kg	0.82		0.1	U	0.11	U	0.11	U	0.14		0.46	J	0.11	U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	0.57	U	0.55	U	0.58	U	0.58	U	0.66	U	3	U	0.58	U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
Biphenyl	92-52-4	NS	NS	NS	mg/kg	0.4	U	0.39	U	0.41	U	0.41	U	0.46	U	2.1	U	0.41	U
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	NS	mg/kg	0.19	U	0.18	U	0.19	U	0.19	U	0.22	U	1	U	0.19	U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	NS	mg/kg	0.16	U	0.15	U	0.16	U	0.16	U	0.18	U	0.83	U	0.16	U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	NS	mg/kg	0.21	U	0.2	U	0.22	U	0.22	U	0.24	U	1.1	U	0.21	U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.47		0.92	U	0.18	U
Butyl benzyl phthalate	85-68-7	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
Carbazole	86-74-8	NS	NS	NS	mg/kg	0.32		0.17	U	0.18	U	0.18	U	0.2	U	0.13	J	0.18	U
Chrysene	218-01-9	1	4.9	1	mg/kg	1.9		0.018	J	0.11	U	0.054	J	0.23		1.2		0.049	J
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	mg/kg	0.29		0.024	J	0.11	U	0.11	U	0.12	U	0.28	J	0.036	J
Dibenzofuran	132-64-9	2.1	18	110	mg/kg	0.12	J	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
Di-n-butylphthalate	84-74-2	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
Di-n-octylphthalate	117-84-0	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
Fluoranthene	206-44-0	85	100	1000	mg/kg	3.4		0.024	J	0.11	U	0.025	J	0.24		1.6		0.06	J
Fluorene	86-73-7	30	100	386	mg/kg	0.18		0.17	U	0.18	U	0.18	U	0.2	U	0.16	J	0.18	U
Hexachlorobenzene	118-74-1	0.33	0.33	3.2	mg/kg	0.11	U	0.1	U	0.11	U	0.11	U	0.12	U	0.56	U	0.11	U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	0.51	U	0.49	U	0.51	U	0.52	U	0.58	U	2.6	U	0.51	U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	0.14	U	0.14	U	0.14	U	0.14	U	0.16	U	0.74	U	0.14	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	1.4	6.6	mg/kg	0.87		0.085	J	0.14	U	0.14	U	0.057	J	1.4		0.2	
Isophorone	78-59-1	NS	NS	NS	mg/kg	0.16	U	0.15	U	0.16	U	0.16	U	0.18	U	0.83	U	0.16	U
Naphthalene	91-20-3	12	100	12	mg/kg	0.089	J	0.17	U	0.18	U	0.18	U	0.058	J	0.32	J	0.18	U
NDPA/DPA	86-30-6	NS	NS	NS	mg/kg	0.14	U	0.14	U	0.14	U	0.14	U	0.16	U	0.74	U	0.14	U
Nitrobenzene	98-95-3	0.08	1.8	0.08	mg/kg	0.16	U	0.15	U	0.16	U	0.16	U	0.18	U	0.83	U	0.16	U
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
p-Chloro-m-cresol	59-50-7	NS	NS	NS	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
Pentachlorophenol	87-86-5	0.8	1.3	0.8	mg/kg	0.14	U	0.14	U	0.14	U	0.14	U	0.16	U	0.74	U	0.14	U
Phenanthrene	85-01-8	1.1	4.9	1000	mg/kg	2.4		0.1	U	0.11	U	0.022	J	0.13		0.75		0.071	J
Phenol	108-95-2	0.33	100	0.33	mg/kg	0.18	U	0.17	U	0.18	U	0.18	U	0.2	U	0.92	U	0.18	U
Pyrene	129-00-0	64	100	1000	mg/kg	2.7		0.028	J	0.11	U	0.032	J	0.3		2.4		0.088	J

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-107 (0.5-1)		SB-107 (0.5-1)		SB-103 (1-1.5)		SB-102 (0.5-1)		SB-102 (0.5-1)		SB-108 (0.5-1)		SB-100 (1-1.8)	
SAMPLE DATE						1/28/2025		1/28/2025		1/29/2025		1/29/2025		1/29/2025		1/29/2025		1/31/2025	
LAB ID						L2505081-10		L2505081-10 R1		L2505083-01		L2505083-02		L2505083-02 R1		L2505083-03		L2505704-01	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																			
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	0.027	U	~	~	0.026	U	0.026	U	~	~	0.028	U	0.026	U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	0.11	U	~	~	0.1	U	0.11	U	~	~	0.11	U	0.1	U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	0.16	U	~	~	0.16	U	0.16	U	~	~	0.17	U	0.16	U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	0.87	U	~	~	0.84	U	0.85	U	~	~	0.9	U	0.83	U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.084	J	~	~	0.04	J	0.024	J	~	~	0.22	U	0.21	U
2-Methylphenol	95-48-7	0.33	100	0.33	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	0.39	U	~	~	0.38	U	0.38	U	~	~	0.4	U	0.37	U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	0.33	mg/kg	0.26	U	~	~	0.25	U	0.25	U	~	~	0.27	U	0.25	U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
4,6-Dinitro-o-cresol	534-52-1	NS	NS	NS	mg/kg	0.47	U	~	~	0.46	U	0.46	U	~	~	0.49	U	0.45	U
4-Bromophenyl phenyl ether	101-55-3	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	0.25	U	~	~	0.24	U	0.25	U	~	~	0.26	U	0.24	U
Acenaphthene	83-32-9	20	100	98	mg/kg	0.14	U	~	~	0.14	U	0.058	J	~	~	0.15	U	0.14	U
Acenaphthylene	208-96-8	100	100	365	mg/kg	0.14		~	~	0.14	U	0.14	U	~	~	0.036	J	0.14	U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
Anthracene	120-12-7	100	100	1000	mg/kg	0.099	J	~	~	0.1	U	0.17		~	~	0.055	J	0.1	U
Benzo(a)anthracene	56-55-3	1	1.4	1	mg/kg	0.17		~	~	0.1	U	0.58		~	~	0.24		0.1	U
Benzo(a)pyrene	50-32-8	1	1	22	mg/kg	0.21		~	~	0.14	U	0.56		~	~	0.27		0.14	U
Benzo(b)fluoranthene	205-99-2	1	1.4	2.1	mg/kg	0.23		~	~	0.1	U	0.77		~	~	0.38		0.1	U
Benzo(ghi)perylene	191-24-2	0.64	4.9	1000	mg/kg	0.19		~	~	0.14	U	0.37		~	~	0.17		0.14	U
Benzo(k)fluoranthene	207-08-9	0.8	4.9	2	mg/kg	0.089	J	~	~	0.1	U	0.22		~	~	0.1	J	0.1	U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	0.59	U	~	~	0.57	U	0.57	U	~	~	0.61	U	0.56	U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
Biphenyl	92-52-4	NS	NS	NS	mg/kg	0.41	U	~	~	0.4	U	0.4	U	~	~	0.43	U	0.39	U
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	NS	mg/kg	0.2	U	~	~	0.19	U	0.19	U	~	~	0.2	U	0.19	U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	NS	mg/kg	0.16	U	~	~	0.16	U	0.16	U	~	~	0.17	U	0.16	U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	NS	mg/kg	0.22	U	~	~	0.21	U	0.21	U	~	~	0.22	U	0.21	U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	NS	mg/kg	0.13	J	~	~	0.18	U	0.063	J	~	~	0.19	U	0.17	U
Butyl benzyl phthalate	85-68-7	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
Carbazole	86-74-8	NS	NS	NS	mg/kg	0.026	J	~	~	0.18	U	0.12	J	~	~	0.029	J	0.17	U
Chrysene	218-01-9	1	4.9	1	mg/kg	0.14		~	~	0.1	U	0.53		~	~	0.26		0.1	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	mg/kg	0.11	U	~	~	0.1	U	0.078	J	~	~	0.037	J	0.1	U
Dibenzofuran	132-64-9	2.1	18	110	mg/kg	0.028	J	~	~	0.18	U	0.032	J	~	~	0.19	U	0.17	U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
Di-n-butylphthalate	84-74-2	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
Di-n-octylphthalate	117-84-0	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
Fluoranthene	206-44-0	85	100	1000	mg/kg	0.19		~	~	0.1	U	1		~	~	0.42		0.1	U
Fluorene	86-73-7	30	100	386	mg/kg	0.18	U	~	~	0.18	U	0.056	J	~	~	0.19	U	0.17	U
Hexachlorobenzene	118-74-1	0.33	0.33	3.2	mg/kg	0.11	U	~	~	0.1	U	0.11	U	~	~	0.11	U	0.1	U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	0.52	U	~	~	0.5	U	0.5	U	~	~	0.54	U	0.49	U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	0.14	U	~	~	0.14	U	0.14	U	~	~	0.15	U	0.14	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	1.4	6.6	mg/kg	0.13	J	~	~	0.14	U	0.32		~	~	0.16		0.14	U
Isophorone	78-59-1	NS	NS	NS	mg/kg	0.16	U	~	~	0.16	U	0.16	U	~	~	0.17	U	0.16	U
Naphthalene	91-20-3	12	100	12	mg/kg	0.12	J	~	~	0.029	J	0.025	J	~	~	0.028	J	0.17	U
NDPA/DPA	86-30-6	NS	NS	NS	mg/kg	0.14	U	~	~	0.14	U	0.14	U	~	~	0.15	U	0.14	U
Nitrobenzene	98-95-3	0.08	1.8	0.08	mg/kg	0.16	U	~	~	0.16	U	0.16	U	~	~	0.17	U	0.16	U
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
p-Chloro-m-cresol	59-50-7	NS	NS	NS	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
Pentachlorophenol	87-86-5	0.8	1.3	0.8	mg/kg	0.14	U	~	~	0.14	U	0.14	U	~	~	0.15	U	0.14	U
Phenanthrene	85-01-8	1.1	4.9	1000	mg/kg	0.12		~	~	0.024	J	0.68		~	~	0.19		0.1	U
Phenol	108-95-2	0.33	100	0.33	mg/kg	0.18	U	~	~	0.18	U	0.18	U	~	~	0.19	U	0.17	U
Pyrene	129-00-0	64	100	1000	mg/kg	0.18		~	~	0.1	U	0.89		~	~	0.38		0.1	U

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-101 (0.5-1)		SB-104 (0.5-1)		SB-105 (0.5-1)		SB-106 (0.5-1)		SB-109 (0.5-1)		SB-117 (0.5-1)	
SAMPLE DATE						1/31/2025		1/31/2025		1/31/2025		1/31/2025		1/31/2025		1/31/2025	
LAB ID						L2505704-02		L2505704-03		L2505704-04		L2505704-05		L2505704-06		L2505704-07	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS																	
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	0.027	U	0.027	U	0.028	U	0.029	U	0.027	U	0.028	U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.11	U	0.11	U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	0.16	U	0.16	U	0.17	U	0.17	U	0.16	U	0.17	U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	0.88	U	0.86	U	0.9	U	0.93	U	0.85	U	0.89	U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.22	U	0.21	U	0.22	U	0.23	U	0.21	U	0.22	U
2-Methylphenol	95-48-7	0.33	100	0.33	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	0.39	U	0.38	U	0.4	U	0.42	U	0.38	U	0.4	U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	0.33	mg/kg	0.26	U	0.26	U	0.27	U	0.28	U	0.26	U	0.26	U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
4,6-Dinitro-o-cresol	534-52-1	NS	NS	NS	mg/kg	0.47	U	0.46	U	0.49	U	0.5	U	0.46	U	0.48	U
4-Bromophenyl phenyl ether	101-55-3	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	0.26	U	0.25	U	0.26	U	0.27	U	0.25	U	0.26	U
Acenaphthene	83-32-9	20	100	98	mg/kg	0.14	U	0.14	U	0.15	U	0.15	U	0.14	U	0.15	U
Acenaphthylene	208-96-8	100	100	365	mg/kg	0.14	U	0.14	U	0.15	U	0.15	U	0.14	U	0.15	U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
Anthracene	120-12-7	100	100	1000	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.11	U	0.11	U
Benzo(a)anthracene	56-55-3	1	1.4	1	mg/kg	0.028	J	0.11	U	0.11	U	0.11	J	0.11	U	0.11	U
Benzo(a)pyrene	50-32-8	1	1	22	mg/kg	0.14	U	0.14	U	0.15	U	0.12	J	0.14	U	0.15	U
Benzo(b)fluoranthene	205-99-2	1	1.4	2.1	mg/kg	0.11	U	0.11	U	0.11	U	0.14		0.11	U	0.038	J
Benzo(ghi)perylene	191-24-2	0.64	4.9	1000	mg/kg	0.14	U	0.14	U	0.15	U	0.078	J	0.14	U	0.046	J
Benzo(k)fluoranthene	207-08-9	0.8	4.9	2	mg/kg	0.11	U	0.11	U	0.11	U	0.041	J	0.11	U	0.11	U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	0.59	U	0.58	U	0.61	U	0.63	U	0.58	U	0.6	U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
Biphenyl	92-52-4	NS	NS	NS	mg/kg	0.42	U	0.41	U	0.43	U	0.44	U	0.4	U	0.42	U
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	NS	mg/kg	0.2	U	0.19	U	0.2	U	0.21	U	0.19	U	0.2	U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	NS	mg/kg	0.16	U	0.16	U	0.17	U	0.17	U	0.16	U	0.17	U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	NS	mg/kg	0.22	U	0.21	U	0.22	U	0.23	U	0.21	U	0.22	U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	NS	mg/kg	0.18	U	0.16	J	0.19	U	0.19	U	0.18	U	0.18	U
Butyl benzyl phthalate	85-68-7	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
Carbazole	86-74-8	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
Chrysene	218-01-9	1	4.9	1	mg/kg	0.023	J	0.038	J	0.11	U	0.11	J	0.11	U	0.019	J
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	1000	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.11	U	0.11	U
Dibenzofuran	132-64-9	2.1	18	110	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
Di-n-butylphthalate	84-74-2	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
Di-n-octylphthalate	117-84-0	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
Fluoranthene	206-44-0	85	100	1000	mg/kg	0.041	J	0.035	J	0.11	U	0.17		0.11	U	0.024	J
Fluorene	86-73-7	30	100	386	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
Hexachlorobenzene	118-74-1	0.33	0.33	3.2	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.11	U	0.11	U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	0.52	U	0.51	U	0.54	U	0.55	U	0.51	U	0.53	U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	0.14	U	0.14	U	0.15	U	0.15	U	0.14	U	0.15	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	1.4	6.6	mg/kg	0.14	U	0.14	U	0.15	U	0.073	J	0.14	U	0.035	J
Isophorone	78-59-1	NS	NS	NS	mg/kg	0.16	U	0.16	U	0.17	U	0.17	U	0.16	U	0.17	U
Naphthalene	91-20-3	12	100	12	mg/kg	0.031	J	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
NDPA/DPA	86-30-6	NS	NS	NS	mg/kg	0.14	U	0.14	U	0.15	U	0.15	U	0.14	U	0.15	U
Nitrobenzene	98-95-3	0.08	1.8	0.08	mg/kg	0.16	U	0.16	U	0.17	U	0.17	U	0.16	U	0.17	U
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
p-Chloro-m-cresol	59-50-7	NS	NS	NS	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
Pentachlorophenol	87-86-5	0.8	1.3	0.8	mg/kg	0.14	U	0.14	U	0.15	U	0.15	U	0.14	U	0.15	U
Phenanthrene	85-01-8	1.1	4.9	1000	mg/kg	0.055	J	0.023	J	0.11	U	0.026	J	0.11	U	0.11	U
Phenol	108-95-2	0.33	100	0.33	mg/kg	0.18	U	0.18	U	0.19	U	0.19	U	0.18	U	0.18	U
Pyrene	129-00-0	64	100	1000	mg/kg	0.032	J	0.038	J	0.11	U	0.16		0.11	U	0.024	J

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-14 (0.5-1)		SB-13 (1-1.5)		SB-1 (3.5-4)		SB-2 (0.5-1)		SB-3 (5-5.5)		SB-11 (0.5-1)		SB-4 (0.5-1)	
SAMPLE DATE						12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024	
LAB ID						L2475113-01		L2475113-02		L2475113-03		L2475113-04		L2475113-07		L2475113-08		L2475113-09	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035 High/8260																			
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	~	~	~	~	0.052	U	~	~	~	~	~	~	~	~
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	mg/kg	~	~	~	~	0.052	U	~	~	~	~	~	~	~	~
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	~	~	~	~	0.052	U	~	~	~	~	~	~	~	~
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~
1,1-Dichloroethane	75-34-3	0.27	47	0.27	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~
1,1-Dichloroethene	75-35-4	0.24	0.98	0.33	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	~	~	~	~	0.052	U	~	~	~	~	~	~	~	~
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	~	~	~	~	0.21	U	~	~	~	~	~	~	~	~
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	~	~	~	~	0.21	U	~	~	~	~	~	~	~	~
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	~	~	~	~	0.14	J	~	~	~	~	~	~	~	~
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	~	~	~	~	0.21	U	~	~	~	~	~	~	~	~
1,2,4-Trimethylbenzene	95-63-6	5.9	100	5.9	mg/kg	~	~	~	~	0.1	J	~	~	~	~	~	~	~	~
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	NS	mg/kg	~	~	~	~	0.31	U	~	~	~	~	~	~	~	~
1,2-Dibromoethane	106-93-4	NS	NS	NS	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	~	~	~	~	0.21	U	~	~	~	~	~	~	~	~
1,2-Dichloroethane	107-06-2	0.02	5.8	0.02	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~
1,2-Dichloroethene, Total	540-59-0	NS	NS	NS	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~
1,3,5-Trimethylbenzene	108-67-8	3.1	100	3.1	mg/kg	~	~	~	~	0.029	J	~	~	~	~	~	~	~	~
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	~	~	~	~	0.21	U	~	~	~	~	~	~	~	~
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	~	~	~	~	0.21	U	~	~	~	~	~	~	~	~
1,3-Dichloropropene, Total	542-75-6	NS	NS	NS	mg/kg	~	~	~	~	0.052	U	~	~	~	~	~	~	~	~
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	~	~	~	~	0.038	J	~	~	~	~	~	~	~	~
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	~	~	~	~	8.4	U	~	~	~	~	~	~	~	~
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	~	~	~	~	0.21	U	~	~	~	~	~	~	~	~
2-Butanone	78-93-3	0.1	100	0.1	mg/kg	~	~	~	~	1	U	~	~	~	~	~	~	~	~
2-Hexanone	591-78-6	NS	NS	NS	mg/kg	~	~	~	~	1	U	~	~	~	~	~	~	~	~
4-Methyl-2-pentanone	108-10-1	NS	NS	NS	mg/kg	~	~	~	~	1	U	~	~	~	~	~	~	~	~
Acetone	67-64-1	0.03	100	0.03	mg/kg	~	~	~	~	1	U	~	~	~	~	~	~	~	~
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	~	~	~	~	0.42	U	~	~	~	~	~	~	~	~
Benzene	71-43-2	0.06	3.7	0.06	mg/kg	~	~	~	~	0.052	U	~	~	~	~	~	~	~	~
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	~	~	~	~	0.21	U	~	~	~	~	~	~	~	~
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	~	~	~	~	0.21	U	~	~	~	~	~	~	~	~
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	~	~	~	~	0.052	U	~	~	~	~	~	~	~	~
Bromoform	75-25-2	NS	NS	NS	mg/kg	~	~	~	~	0.42	U	~	~	~	~	~	~	~	~
Bromomethane	74-83-9	NS	NS	NS	mg/kg	~	~	~	~	0.21	U	~	~	~	~	~	~	~	~
Carbon disulfide	75-15-0	NS	NS	NS	mg/kg	~	~	~	~	1	U	~	~	~	~	~	~	~	~
Carbon tetrachloride	56-23-5	0.76	7.1	0.76	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~
Chlorobenzene	108-90-7	4.5	100	4.5	mg/kg	~	~	~	~	0.052	U	~	~	~	~	~	~	~	~
Chloroethane	75-00-3	NS	NS	NS	mg/kg	~	~	~	~	0.21	U	~	~	~	~	~	~	~	~
Chloroform	67-66-3	0.37	24	0.37	mg/kg	~	~	~	~	0.019	J	~	~	~	~	~	~	~	~
Chloromethane	74-87-3	NS	NS	NS	mg/kg	~	~	~	~	0.42	U	~	~	~	~	~	~	~	~
cis-1,2-Dichloroethene	156-59-2	0.19	41	0.19	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	~	~	~	~	0.052	U	~	~	~	~	~	~	~	~
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	~	~	~	~	0.21	U	~	~	~	~	~	~	~	~
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	~	~	~	~	1	U	~	~	~	~	~	~	~	~
Ethyl ether	60-29-7	NS	NS	NS	mg/kg	~	~	~	~	0.21	U	~	~	~	~	~	~	~	~
Ethylbenzene	100-41-4	1	76	1	mg/kg	~	~	~	~	0.035	J	~	~	~	~	~	~	~	~
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	~	~	~	~	0.42	U	~	~	~	~	~	~	~	~
Isopropylbenzene	98-82-8	NS	NS	NS	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~
Methyl tert butyl ether	1634-04-4	0.1	100	0.1	mg/kg	~	~	~	~	0.21	U	~	~	~	~	~	~	~	~
Methylene chloride	75-09-2	0.05	81	0.05	mg/kg	~	~	~	~	0.52	U	~	~	~	~	~	~	~	~
Naphthalene	91-20-3	12	100	12	mg/kg	~	~	~	~	0.24	J	~	~	~	~	~	~	~	~
n-Butylbenzene	104-51-8	18	100	18	mg/kg	~	~	~	~	0.03	J	~	~	~	~	~	~	~	~
n-Propylbenzene	103-65-1	5	100	5	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~
o-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	~	~	~	~	0.21	U	~	~	~	~	~	~	~	~
o-Xylene	95-47-6	NS	NS	NS	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~
p/m-Xylene	179601-23-1	NS	NS	NS	mg/kg	~	~	~	~	0.073	J	~	~	~	~	~	~	~	~
p-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	~	~	~	~	0.21	U	~	~	~	~	~	~	~	~
p-Diethylbenzene	105-05-5	NS	NS	NS	mg/kg	~	~	~	~	0.14	J	~	~	~	~	~	~	~	~
p-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	~	~	~	~	0.061	J	~	~	~	~	~	~	~	~
p-Isopropyltoluene	99-87-6	NS	NS	NS	mg/kg	~	~	~	~	0.58		~	~	~	~	~	~	~	~
sec-Butylbenzene	135-98-8	25	100	25	mg/kg	~	~	~	~	0.027	J	~	~	~	~	~	~	~	~
Styrene	100-42-5	NS	NS	NS	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~
tert-Butylbenzene	98-06-6	11	100	11	mg/kg	~	~	~	~	0.21	U	~	~	~	~	~	~	~	~
Tetrachloroethene	127-18-4	1.3	18	1.3	mg/kg	~	~	~	~	0.052	U	~	~	~	~	~	~	~	~
Toluene	108-88-3	0.7	100	0.7	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~
trans-1,2-Dichloroethene	156-60-5	0.19	100	0.19	mg/kg	~	~	~	~	0.16	U	~	~	~	~	~	~	~	~
trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~
trans-1,4-Dichloro-2-butene	110-57-6	NS	NS	NS	mg/kg	~	~	~	~	0.52	U	~	~	~	~	~	~	~	~
Trichloroethene	79-01-6	0.47	6.4	0.47	mg/kg	~	~	~	~	0.052	U	~	~	~	~	~	~	~	~
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	~	~	~	~	0.42	U	~	~	~	~	~	~	~	~
Vinyl acetate	108-05-4	NS	NS	NS	mg/kg	~	~	~	~	1	U	~	~	~	~	~	~	~	~
Vinyl chloride	75-01-4	0.03	0.48	0.03	mg/kg	~	~	~	~	0.1	U	~	~	~	~	~	~	~	~
Xylenes, Total	1330-20-7	0.26	100	1.2	mg/kg	~	~	~	~	0.073	J	~	~	~	~	~	~	~	~

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-12 (0.5-1)		SB-12 (0.5-1)		SB-10 (0.5-1)		SB-10 (0.5-1)		SB-9 (0.5-1)		SB-8 (0.5-1)		SB-15 (0.5-1)	
SAMPLE DATE						12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/20/2024		12/20/2024	
LAB ID						L2475113-10		L2475113-10 R1		L2475113-11		L2475113-11 R1		L2475113-12		L2475472-01		L2475472-02	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035 High/8260																			
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.038	U	~	~	~	~
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	mg/kg	~	~	~	~	~	~	~	~	0.038	U	~	~	~	~
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.038	U	~	~	~	~
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.076	U	~	~	~	~
1,1-Dichloroethane	75-34-3	0.27	47	0.27	mg/kg	~	~	~	~	~	~	~	~	0.076	U	~	~	~	~
1,1-Dichloroethene	75-35-4	0.24	0.98	0.33	mg/kg	~	~	~	~	~	~	~	~	0.076	U	~	~	~	~
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.038	U	~	~	~	~
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.041	J	~	~	~	~
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
1,2,4-Trimethylbenzene	95-63-6	5.9	100	5.9	mg/kg	~	~	~	~	~	~	~	~	0.52		~	~	~	~
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.23	U	~	~	~	~
1,2-Dibromoethane	106-93-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.076	U	~	~	~	~
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
1,2-Dichloroethane	107-06-2	0.02	5.8	0.02	mg/kg	~	~	~	~	~	~	~	~	0.076	U	~	~	~	~
1,2-Dichloroethene, Total	540-59-0	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.076	U	~	~	~	~
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.076	U	~	~	~	~
1,3,5-Trimethylbenzene	108-67-8	3.1	100	3.1	mg/kg	~	~	~	~	~	~	~	~	0.14	J	~	~	~	~
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
1,3-Dichloropropene, Total	542-75-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.038	U	~	~	~	~
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	~	~	~	~	~	~	~	~	6.1	U	~	~	~	~
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
2-Butanone	78-93-3	0.1	100	0.1	mg/kg	~	~	~	~	~	~	~	~	0.76	U	~	~	~	~
2-Hexanone	591-78-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.76	U	~	~	~	~
4-Methyl-2-pentanone	108-10-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.76	U	~	~	~	~
Acetone	67-64-1	0.03	100	0.03	mg/kg	~	~	~	~	~	~	~	~	0.43	J	~	~	~	~
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.3	U	~	~	~	~
Benzene	71-43-2	0.06	3.7	0.06	mg/kg	~	~	~	~	~	~	~	~	0.99		~	~	~	~
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.038	U	~	~	~	~
Bromoform	75-25-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.3	U	~	~	~	~
Bromomethane	74-83-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
Carbon disulfide	75-15-0	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.76	U	~	~	~	~
Carbon tetrachloride	56-23-5	0.76	7.1	0.76	mg/kg	~	~	~	~	~	~	~	~	0.076	U	~	~	~	~
Chlorobenzene	108-90-7	4.5	100	4.5	mg/kg	~	~	~	~	~	~	~	~	0.038	U	~	~	~	~
Chloroethane	75-00-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
Chloroform	67-66-3	0.37	24	0.37	mg/kg	~	~	~	~	~	~	~	~	0.88		~	~	~	~
Chloromethane	74-87-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.3	U	~	~	~	~
cis-1,2-Dichloroethene	156-59-2	0.19	41	0.19	mg/kg	~	~	~	~	~	~	~	~	0.076	U	~	~	~	~
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.038	U	~	~	~	~
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.076	U	~	~	~	~
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.76	U	~	~	~	~
Ethyl ether	60-29-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
Ethylbenzene	100-41-4	1	76	1	mg/kg	~	~	~	~	~	~	~	~	0.15		~	~	~	~
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.3	U	~	~	~	~
Isopropylbenzene	98-82-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.047	J	~	~	~	~
Methyl tert butyl ether	1634-04-4	0.1	100	0.1	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
Methylene chloride	75-09-2	0.05	81	0.05	mg/kg	~	~	~	~	~	~	~	~	0.38	U	~	~	~	~
Naphthalene	91-20-3	12	100	12	mg/kg	~	~	~	~	~	~	~	~	0.72		~	~	~	~
n-Butylbenzene	104-51-8	18	100	18	mg/kg	~	~	~	~	~	~	~	~	0.035	J	~	~	~	~
n-Propylbenzene	103-65-1	5	100	5	mg/kg	~	~	~	~	~	~	~	~	0.074	J	~	~	~	~
o-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
o-Xylene	95-47-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.79		~	~	~	~
p/m-Xylene	179601-23-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	1.6		~	~	~	~
p-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
p-Diethylbenzene	105-05-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.07	J	~	~	~	~
p-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.19		~	~	~	~
p-Isopropyltoluene	99-87-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.026	J	~	~	~	~
sec-Butylbenzene	135-98-8	25	100	25	mg/kg	~	~	~	~	~	~	~	~	0.03	J	~	~	~	~
Styrene	100-42-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.076	U	~	~	~	~
tert-Butylbenzene	98-06-6	11	100	11	mg/kg	~	~	~	~	~	~	~	~	0.15	U	~	~	~	~
Tetrachloroethene	127-18-4	1.3	18	1.3	mg/kg	~	~	~	~	~	~	~	~	0.78		~	~	~	~
Toluene	108-88-3	0.7	100	0.7	mg/kg	~	~	~	~	~	~	~	~	2.5		~	~	~	~
trans-1,2-Dichloroethene	156-60-5	0.19	100	0.19	mg/kg	~	~	~	~	~	~	~	~	0.11	U	~	~	~	~
trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.076	U	~	~	~	~
trans-1,4-Dichloro-2-butene	110-57-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.38	U	~	~	~	~
Trichloroethene	79-01-6	0.47	6.4	0.47	mg/kg	~	~	~	~	~	~	~	~	0.038	U	~	~	~	~
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.3	U	~	~	~	~
Vinyl acetate	108-05-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	0.76	U	~	~	~	~
Vinyl chloride	75-01-4	0.03	0.48	0.03	mg/kg	~	~	~	~	~	~	~	~	0.076	U	~	~	~	~
Xylenes, Total	1330-20-7	0.26	100	1.2	mg/kg	~	~	~	~	~	~	~	~	2.4		~	~	~	~

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-7 (0.5-1)		SB-6 (0.5-1)		SB-5 (0.5-1)		SB-5 (0.5-1)		SB-110 (0.5-1)		SB-111 (0.5-1)		SB-111 (0.5-1)	
SAMPLE DATE						12/20/2024		12/20/2024		12/20/2024		12/20/2024		1/28/2025		1/28/2025		1/28/2025	
LAB ID						L2475472-03		L2475472-04		L2475472-05		L2475472-05 R1		L2505081-01		L2505081-02		L2505081-02 R1	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035 High/8260																			
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,1-Dichloroethane	75-34-3	0.27	47	0.27	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,1-Dichloroethene	75-35-4	0.24	0.98	0.33	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2,4-Trimethylbenzene	95-63-6	5.9	100	5.9	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dibromoethane	106-93-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dichloroethane	107-06-2	0.02	5.8	0.02	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dichloroethene, Total	540-59-0	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,3,5-Trimethylbenzene	108-67-8	3.1	100	3.1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,3-Dichloropropene, Total	542-75-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
2-Butanone	78-93-3	0.1	100	0.1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
2-Hexanone	591-78-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
4-Methyl-2-pentanone	108-10-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Acetone	67-64-1	0.03	100	0.03	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Benzene	71-43-2	0.06	3.7	0.06	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Bromoform	75-25-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Bromomethane	74-83-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Carbon disulfide	75-15-0	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Carbon tetrachloride	56-23-5	0.76	7.1	0.76	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Chlorobenzene	108-90-7	4.5	100	4.5	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Chloroethane	75-00-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Chloroform	67-66-3	0.37	24	0.37	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Chloromethane	74-87-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
cis-1,2-Dichloroethene	156-59-2	0.19	41	0.19	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Ethyl ether	60-29-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Ethylbenzene	100-41-4	1	76	1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Isopropylbenzene	98-82-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Methyl tert butyl ether	1634-04-4	0.1	100	0.1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Methylene chloride	75-09-2	0.05	81	0.05	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Naphthalene	91-20-3	12	100	12	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
n-Butylbenzene	104-51-8	18	100	18	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
n-Propylbenzene	103-65-1	5	100	5	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
o-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
o-Xylene	95-47-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
p/m-Xylene	179601-23-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
p-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
p-Diethylbenzene	105-05-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
p-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
p-Isopropyltoluene	99-87-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
sec-Butylbenzene	135-98-8	25	100	25	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Styrene	100-42-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
tert-Butylbenzene	98-06-6	11	100	11	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Tetrachloroethene	127-18-4	1.3	18	1.3	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Toluene	108-88-3	0.7	100	0.7	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
trans-1,2-Dichloroethene	156-60-5	0.19	100	0.19	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
trans-1,4-Dichloro-2-butene	110-57-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Trichloroethene	79-01-6	0.47	6.4	0.47	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Vinyl acetate	108-05-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Vinyl chloride	75-01-4	0.03	0.48	0.03	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Xylenes, Total	1330-20-7	0.26	100	1.2	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-112 (0.5-1)		SB-113 (0.5-1)		SB-114 (0.5-1)		SB-115 (0.5-1)		SB-116 (2-2.5)		SB-118 (3.5-4)		SB-119 (8-8.5)	
SAMPLE DATE						1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025	
LAB ID						L2505081-03		L2505081-04		L2505081-05		L2505081-06		L2505081-07		L2505081-08		L2505081-09	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035 High/8260																			
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.038	U	~	~
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	mg/kg	~	~	~	~	~	~	~	~	~	~	0.72		~	~
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.038	U	~	~
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.075	U	~	~
1,1-Dichloroethane	75-34-3	0.27	47	0.27	mg/kg	~	~	~	~	~	~	~	~	~	~	0.026	J	~	~
1,1-Dichloroethene	75-35-4	0.24	0.98	0.33	mg/kg	~	~	~	~	~	~	~	~	~	~	0.075	U	~	~
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.038	U	~	~
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
1,2,4-Trimethylbenzene	95-63-6	5.9	100	5.9	mg/kg	~	~	~	~	~	~	~	~	~	~	0.14	J	~	~
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.23	U	~	~
1,2-Dibromoethane	106-93-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.075	U	~	~
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
1,2-Dichloroethane	107-06-2	0.02	5.8	0.02	mg/kg	~	~	~	~	~	~	~	~	~	~	0.075	U	~	~
1,2-Dichloroethene, Total	540-59-0	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.075	U	~	~
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.075	U	~	~
1,3,5-Trimethylbenzene	108-67-8	3.1	100	3.1	mg/kg	~	~	~	~	~	~	~	~	~	~	0.053	J	~	~
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
1,3-Dichloropropene, Total	542-75-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.038	U	~	~
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	~	~	~	~	~	~	~	~	~	~	6	U	~	~
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
2-Butanone	78-93-3	0.1	100	0.1	mg/kg	~	~	~	~	~	~	~	~	~	~	0.75	U	~	~
2-Hexanone	591-78-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.75	U	~	~
4-Methyl-2-pentanone	108-10-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.75	U	~	~
Acetone	67-64-1	0.03	100	0.03	mg/kg	~	~	~	~	~	~	~	~	~	~	0.75	U	~	~
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.3	U	~	~
Benzene	71-43-2	0.06	3.7	0.06	mg/kg	~	~	~	~	~	~	~	~	~	~	0.39		~	~
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.038	U	~	~
Bromoform	75-25-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.3	U	~	~
Bromomethane	74-83-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
Carbon disulfide	75-15-0	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.75	U	~	~
Carbon tetrachloride	56-23-5	0.76	7.1	0.76	mg/kg	~	~	~	~	~	~	~	~	~	~	0.075	U	~	~
Chlorobenzene	108-90-7	4.5	100	4.5	mg/kg	~	~	~	~	~	~	~	~	~	~	0.038	U	~	~
Chloroethane	75-00-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
Chloroform	67-66-3	0.37	24	0.37	mg/kg	~	~	~	~	~	~	~	~	~	~	0.22		~	~
Chloromethane	74-87-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.3	U	~	~
cis-1,2-Dichloroethene	156-59-2	0.19	41	0.19	mg/kg	~	~	~	~	~	~	~	~	~	~	0.075	U	~	~
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.038	U	~	~
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.075	U	~	~
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.75	U	~	~
Ethyl ether	60-29-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
Ethylbenzene	100-41-4	1	76	1	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15		~	~
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.3	U	~	~
Isopropylbenzene	98-82-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.075	U	~	~
Methyl tert butyl ether	1634-04-4	0.1	100	0.1	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
Methylene chloride	75-09-2	0.05	81	0.05	mg/kg	~	~	~	~	~	~	~	~	~	~	0.38	U	~	~
Naphthalene	91-20-3	12	100	12	mg/kg	~	~	~	~	~	~	~	~	~	~	0.078	J	~	~
n-Butylbenzene	104-51-8	18	100	18	mg/kg	~	~	~	~	~	~	~	~	~	~	0.075	U	~	~
n-Propylbenzene	103-65-1	5	100	5	mg/kg	~	~	~	~	~	~	~	~	~	~	0.033	J	~	~
o-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
o-Xylene	95-47-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.3		~	~
p/m-Xylene	179601-23-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	1.2		~	~
p-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
p-Diethylbenzene	105-05-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.038	J	~	~
p-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.24		~	~
p-Isopropyltoluene	99-87-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.075	U	~	~
sec-Butylbenzene	135-98-8	25	100	25	mg/kg	~	~	~	~	~	~	~	~	~	~	0.075	U	~	~
Styrene	100-42-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.075	U	~	~
tert-Butylbenzene	98-06-6	11	100	11	mg/kg	~	~	~	~	~	~	~	~	~	~	0.15	U	~	~
Tetrachloroethene	127-18-4	1.3	18	1.3	mg/kg	~	~	~	~	~	~	~	~	~	~	0.27		~	~
Toluene	108-88-3	0.7	100	0.7	mg/kg	~	~	~	~	~	~	~	~	~	~	1.5		~	~
trans-1,2-Dichloroethene	156-60-5	0.19	100	0.19	mg/kg	~	~	~	~	~	~	~	~	~	~	0.11	U	~	~
trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.075	U	~	~
trans-1,4-Dichloro-2-butene	110-57-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.38	U	~	~
Trichloroethene	79-01-6	0.47	6.4	0.47	mg/kg	~	~	~	~	~	~	~	~	~	~	0.68		~	~
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.3	U	~	~
Vinyl acetate	108-05-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	0.75	U	~	~
Vinyl chloride	75-01-4	0.03	0.48	0.03	mg/kg	~	~	~	~	~	~	~	~	~	~	0.075	U	~	~
Xylenes, Total	1330-20-7	0.26	100	1.2	mg/kg	~	~	~	~	~	~	~	~	~	~	1.5		~	~

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-107 (0.5-1)		SB-107 (0.5-1)		SB-103 (1-1.5)		SB-102 (0.5-1)		SB-102 (0.5-1)		SB-108 (0.5-1)		SB-100 (1-1.8)	
SAMPLE DATE						1/28/2025		1/28/2025		1/29/2025		1/29/2025		1/29/2025		1/29/2025		1/31/2025	
LAB ID						L2505081-10		L2505081-10 R1		L2505083-01		L2505083-02		L2505083-02 R1		L2505083-03		L2505704-01	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035 High/8260																			
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,1-Dichloroethane	75-34-3	0.27	47	0.27	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,1-Dichloroethene	75-35-4	0.24	0.98	0.33	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2,4-Trimethylbenzene	95-63-6	5.9	100	5.9	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dibromoethane	106-93-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dichloroethane	107-06-2	0.02	5.8	0.02	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dichloroethene, Total	540-59-0	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,3,5-Trimethylbenzene	108-67-8	3.1	100	3.1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,3-Dichloropropene, Total	542-75-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
2-Butanone	78-93-3	0.1	100	0.1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
2-Hexanone	591-78-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
4-Methyl-2-pentanone	108-10-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Acetone	67-64-1	0.03	100	0.03	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Benzene	71-43-2	0.06	3.7	0.06	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Bromoform	75-25-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Bromomethane	74-83-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Carbon disulfide	75-15-0	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Carbon tetrachloride	56-23-5	0.76	7.1	0.76	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Chlorobenzene	108-90-7	4.5	100	4.5	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Chloroethane	75-00-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Chloroform	67-66-3	0.37	24	0.37	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Chloromethane	74-87-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
cis-1,2-Dichloroethene	156-59-2	0.19	41	0.19	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Ethyl ether	60-29-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Ethylbenzene	100-41-4	1	76	1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Isopropylbenzene	98-82-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Methyl tert butyl ether	1634-04-4	0.1	100	0.1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Methylene chloride	75-09-2	0.05	81	0.05	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Naphthalene	91-20-3	12	100	12	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
n-Butylbenzene	104-51-8	18	100	18	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
n-Propylbenzene	103-65-1	5	100	5	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
o-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
o-Xylene	95-47-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
p/m-Xylene	179601-23-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
p-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
p-Diethylbenzene	105-05-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
p-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
p-Isopropyltoluene	99-87-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
sec-Butylbenzene	135-98-8	25	100	25	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Styrene	100-42-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
tert-Butylbenzene	98-06-6	11	100	11	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Tetrachloroethene	127-18-4	1.3	18	1.3	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Toluene	108-88-3	0.7	100	0.7	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
trans-1,2-Dichloroethene	156-60-5	0.19	100	0.19	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
trans-1,4-Dichloro-2-butene	110-57-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Trichloroethene	79-01-6	0.47	6.4	0.47	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Vinyl acetate	108-05-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Vinyl chloride	75-01-4	0.03	0.48	0.03	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~
Xylenes, Total	1330-20-7	0.26	100	1.2	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~	~	~

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-101 (0.5-1)		SB-104 (0.5-1)		SB-105 (0.5-1)		SB-106 (0.5-1)		SB-109 (0.5-1)		SB-117 (0.5-1)	
SAMPLE DATE						1/31/2025		1/31/2025		1/31/2025		1/31/2025		1/31/2025		1/31/2025	
LAB ID						L2505704-02		L2505704-03		L2505704-04		L2505704-05		L2505704-06		L2505704-07	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035 High/8260																	
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,1-Dichloroethane	75-34-3	0.27	47	0.27	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,1-Dichloroethene	75-35-4	0.24	0.98	0.33	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,2,4-Trimethylbenzene	95-63-6	5.9	100	5.9	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dibromoethane	106-93-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dichloroethane	107-06-2	0.02	5.8	0.02	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dichloroethene, Total	540-59-0	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,3,5-Trimethylbenzene	108-67-8	3.1	100	3.1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,3-Dichloropropene, Total	542-75-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
2-Butanone	78-93-3	0.1	100	0.1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
2-Hexanone	591-78-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
4-Methyl-2-pentanone	108-10-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Acetone	67-64-1	0.03	100	0.03	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Benzene	71-43-2	0.06	3.7	0.06	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Bromoform	75-25-2	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Bromomethane	74-83-9	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Carbon disulfide	75-15-0	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Carbon tetrachloride	56-23-5	0.76	7.1	0.76	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Chlorobenzene	108-90-7	4.5	100	4.5	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Chloroethane	75-00-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Chloroform	67-66-3	0.37	24	0.37	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Chloromethane	74-87-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
cis-1,2-Dichloroethene	156-59-2	0.19	41	0.19	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Ethyl ether	60-29-7	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Ethylbenzene	100-41-4	1	76	1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Isopropylbenzene	98-82-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Methyl tert butyl ether	1634-04-4	0.1	100	0.1	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Methylene chloride	75-09-2	0.05	81	0.05	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Naphthalene	91-20-3	12	100	12	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
n-Butylbenzene	104-51-8	18	100	18	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
n-Propylbenzene	103-65-1	5	100	5	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
o-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
o-Xylene	95-47-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
p/m-Xylene	179601-23-1	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
p-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
p-Diethylbenzene	105-05-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
p-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
p-Isopropyltoluene	99-87-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
sec-Butylbenzene	135-98-8	25	100	25	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Styrene	100-42-5	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
tert-Butylbenzene	98-06-6	11	100	11	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Tetrachloroethene	127-18-4	1.3	18	1.3	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Toluene	108-88-3	0.7	100	0.7	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
trans-1,2-Dichloroethene	156-60-5	0.19	100	0.19	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
trans-1,4-Dichloro-2-butene	110-57-6	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Trichloroethene	79-01-6	0.47	6.4	0.47	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Vinyl acetate	108-05-4	NS	NS	NS	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Vinyl chloride	75-01-4	0.03	0.48	0.03	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~
Xylenes, Total	1330-20-7	0.26	100	1.2	mg/kg	~	~	~	~	~	~	~	~	~	~	~	~

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-14 (0.5-1)		SB-13 (1-1.5)		SB-1 (3.5-4)		SB-2 (0.5-1)		SB-3 (5-5.5)		SB-11 (0.5-1)		SB-4 (0.5-1)	
SAMPLE DATE						12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024	
LAB ID						L2475113-01		L2475113-02		L2475113-03		L2475113-04		L2475113-07		L2475113-08		L2475113-09	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035/8260																			
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	0.00043	U	0.00074	U	0.00066	U	0.00065	U	0.00047	U	0.00046	U	0.00048	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	mg/kg	0.00043	U	0.005		0.00066	U	0.00065	U	0.00047	U	0.00046	U	0.00048	U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	0.00043	U	0.00074	U	0.00066	U	0.00065	U	0.00047	U	0.00046	U	0.00048	U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	0.00086	U	0.0015	U	0.0013	U	0.0013	U	0.00094	U	0.00093	U	0.00097	U
1,1-Dichloroethane	75-34-3	0.27	47	0.27	mg/kg	0.00086	U	0.0015	U	0.0013	U	0.0013	U	0.00094	U	0.00093	U	0.00097	U
1,1-Dichloroethene	75-35-4	0.24	0.98	0.33	mg/kg	0.00086	U	0.0015	U	0.0013	U	0.0013	U	0.00094	U	0.00093	U	0.00097	U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	0.00043	U	0.00074	U	0.00066	U	0.00065	U	0.00047	U	0.00046	U	0.00048	U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	0.0017	U	0.0029	U	0.0026	U	0.0026	U	0.0019	U	0.0018	U	0.0019	U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	0.0017	U	0.0029	U	0.0026	U	0.0026	U	0.0019	U	0.0018	U	0.0019	U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	0.0017	U	0.0029	U	0.014		0.0026	U	0.0019	U	0.0018	U	0.0019	U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	0.0017	U	0.0029	U	0.0026	U	0.0026	U	0.0019	U	0.0018	U	0.0019	U
1,2,4-Trimethylbenzene	95-63-6	5.9	100	5.9	mg/kg	0.0017	U	0.0029	U	0.015		0.0026	U	0.0019	U	0.0018	U	0.0019	U
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	NS	mg/kg	0.0026	U	0.0044	U	0.0039	U	0.0039	U	0.0028	U	0.0028	U	0.0029	U
1,2-Dibromoethane	106-93-4	NS	NS	NS	mg/kg	0.00086	U	0.0015	U	0.0013	U	0.0013	U	0.00094	U	0.00093	U	0.00097	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	0.0017	U	0.0029	U	0.0026	U	0.0026	U	0.0019	U	0.0018	U	0.0019	U
1,2-Dichloroethane	107-06-2	0.02	5.8	0.02	mg/kg	0.00086	U	0.0015	U	0.0013	U	0.0013	U	0.00094	U	0.00093	U	0.00097	U
1,2-Dichloroethene, Total	540-59-0	NS	NS	NS	mg/kg	0.00086	U	0.0015	U	0.0013	U	0.0013	U	0.00094	U	0.00093	U	0.00097	U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	0.00086	U	0.0015	U	0.0013	U	0.0013	U	0.00094	U	0.00093	U	0.00097	U
1,3,5-Trimethylbenzene	108-67-8	3.1	100	3.1	mg/kg	0.0017	U	0.0029	U	0.0053		0.0026	U	0.0019	U	0.0018	U	0.0019	U
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	0.0017	U	0.0029	U	0.0026	U	0.0026	U	0.0019	U	0.0018	U	0.0019	U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	0.0017	U	0.0029	U	0.0026	U	0.0026	U	0.0019	U	0.0018	U	0.0019	U
1,3-Dichloropropene, Total	542-75-6	NS	NS	NS	mg/kg	0.00043	U	0.00074	U	0.00066	U	0.00065	U	0.00047	U	0.00046	U	0.00048	U
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	0.0017	U	0.0029	U	0.00031	J	0.0026	U	0.0019	U	0.0018	U	0.0019	U
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	0.068	U	0.12	U	0.1	U	0.1	U	0.075	U	0.074	U	0.077	U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	0.0017	U	0.0029	U	0.0026	U	0.0026	U	0.0019	U	0.0018	U	0.0019	U
2-Butanone	78-93-3	0.1	100	0.1	mg/kg	0.0086	U	0.015	U	0.011	J	0.013	U	0.0094	U	0.0093	U	0.0097	U
2-Hexanone	591-78-6	NS	NS	NS	mg/kg	0.0086	U	0.015	U	0.013	U	0.013	U	0.0094	U	0.0093	U	0.0097	U
4-Methyl-2-pentanone	108-10-1	NS	NS	NS	mg/kg	0.0086	U	0.015	U	0.013	U	0.013	U	0.0094	U	0.0093	U	0.0097	U
Acetone	67-64-1	0.03	100	0.03	mg/kg	0.0086	U	0.015	U	0.037		0.013	U	0.0094	U	0.0093	U	0.0046	J
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	0.0034	U	0.0059	U	0.0053	U	0.0052	U	0.0037	U	0.0037	U	0.0039	U
Benzene	71-43-2	0.06	3.7	0.06	mg/kg	0.00043	U	0.00034	J	0.00029	J	0.00065	U	0.00047	U	0.00046	U	0.00048	U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	0.0017	U	0.0029	U	0.0026	U	0.0026	U	0.0019	U	0.0018	U	0.0019	U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	0.0017	U	0.0029	U	0.0026	U	0.0026	U	0.0019	U	0.0018	U	0.0019	U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	0.00043	U	0.00074	U	0.00066	U	0.00065	U	0.00047	U	0.00046	U	0.00048	U
Bromoform	75-25-2	NS	NS	NS	mg/kg	0.0034	U	0.0059	U	0.0053	U	0.0052	U	0.0037	U	0.0037	U	0.0039	U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	0.0017	U	0.0029	U	0.0026	U	0.0026	U	0.0019	U	0.0018	U	0.0019	U
Carbon disulfide	75-15-0	NS	NS	NS	mg/kg	0.0086	U	0.015	U	0.013	U	0.013	U	0.0094	U	0.0093	U	0.0097	U
Carbon tetrachloride	56-23-5	0.76	7.1	0.76	mg/kg	0.00086	U	0.0015	U	0.0013	U	0.0013	U	0.00094	U	0.00093	U	0.00097	U
Chlorobenzene	108-90-7	4.5	100	4.5	mg/kg	0.00043	U	0.00074	U	0.00066	U	0.00065	U	0.00047	U	0.00046	U	0.00048	U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	0.0017	U	0.0029	U	0.0026	U	0.0026	U	0.0019	U	0.0018	U	0.0019	U
Chloroform	67-66-3	0.37	24	0.37	mg/kg	0.0013	U	0.0049		0.00076	J	0.0019	U	0.0014	U	0.0014	U	0.0014	U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	0.0034	U	0.0059	U	0.0053	U	0.0052	U	0.0037	U	0.0037	U	0.0039	U
cis-1,2-Dichloroethene	156-59-2	0.19	41	0.19	mg/kg	0.00086	U	0.0015	U	0.0013	U	0.0013	U	0.00094	U	0.00093	U	0.00097	U
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	0.00043	U	0.00074	U	0.00066	U	0.00065	U	0.00047	U	0.00046	U	0.00048	U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	0.00086	U	0.0015	U	0.0013	U	0.0013	U	0.00094	U	0.00093	U	0.00097	U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	0.0017	U	0.0029	U	0.0026	U	0.0026	U	0.0019	U	0.0018	U	0.0019	U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	0.0086	U	0.015	U	0.013	U	0.013	U	0.0094	U	0.0093	U	0.0097	U
Ethyl ether	60-29-7	NS	NS	NS	mg/kg	0.0017	U	0.0029	U	0.0026	U	0.0026	U	0.0019	U	0.0018	U	0.0019	U
Ethylbenzene	100-41-4	1	76	1	mg/kg	0.00086	U	0.0015	U	0.00096	J	0.0013	U	0.00094	U	0.00093	U	0.00097	U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	0.0034	U	0.0059	U	0.0053	U	0.0052	U	0.0037	U	0.0037	U	0.0039	U
Isopropylbenzene	98-82-8	NS	NS	NS	mg/kg	0.00086	U	0.0015	U	0.0015		0.0013	U	0.00094	U	0.00093	U	0.00097	U
Methyl tert butyl ether	1634-04-4	0.1	100	0.1	mg/kg	0.0017	U	0.0029	U	0.0026	U	0.0026	U	0.0019	U	0.0018	U	0.0019	U
Methylene chloride	75-09-2	0.05	81	0.05	mg/kg	0.0043	U	0.0074	U	0.0066	U	0.0065	U	0.0047	U	0.0046	U	0.0048	U
Naphthalene	91-20-3	12	100	12	mg/kg	0.0034	U	0.0059	U	0.0028	J	0.0052	U	0.0037	U	0.0037	U	0.0039	U
n-Butylbenzene	104-51-8	18	100	18	mg/kg	0.00086	U	0.0015	U	0.0013	U	0.0013	U	0.00094	U	0.00093	U	0.00097	U
n-Propylbenzene	103-65-1	5	100	5	mg/kg	0.00086	U	0.0015	U	0.0013	U	0.0013	U	0.00094	U	0.00093	U	0.00097	U
o-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	0.0017	U	0.0029	U	0.0026	U	0.0026	U	0.0019	U	0.0018	U	0.0019	U
o-Xylene	95-47-6	NS	NS	NS	mg/kg	0.00086	U	0.0015	U	0.0045		0.0013	U	0.00094	U	0.00093	U	0.00097	U
p/m-Xylene	179601-23-1	NS	NS	NS	mg/kg	0.0017	U	0.0029	U	0.0019	J	0.0026	U	0.0019	U	0.0018	U	0.0019	U
p-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	0.0017	U	0.0029	U	0.0026	U	0.0026	U	0.0019	U	0.0018	U	0.0019	U
p-Diethylbenzene	105-05-5	NS	NS	NS	mg/kg	0.0017	U	0.0029	U	0.0045		0.0026	U	0.0019	U	0.0018	U	0.0019	U
p-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	0.0017	U	0.0029	U	0.0034		0.0026	U	0.0019	U	0.0018	U	0.0019	U
p-Isopropyltoluene	99-87-6	NS	NS	NS	mg/kg	0.00086	U	0.0015	U	0.077		0.0013	U	0.00094	U	0.00093	U	0.00097	U
sec-Butylbenzene	135-98-8	25	100	25	mg/kg	0.00086	U	0.0015	U	0.0043		0.0013	U	0.00094	U	0.00093	U	0.00097	U
Styrene	100-42-5	NS	NS	NS	mg/kg	0.00086	U	0.0015	U	0.0013	U	0.0013	U	0.00094	U	0.00093	U	0.00097	U
tert-Butylbenzene	98-06-6	11	100	11	mg/kg	0.0017	U	0.0029	U	0.0019	J	0.0026	U	0.0019	U	0.0018	U	0.0019	U
Tetrachloroethene	127-18-4	1.3	18	1.3	mg/kg	0.00043	U	0.00091		0.00066	U	0.0013		0.00047	U	0.011		0.00048	U
Toluene	108-88-3	0.7	100	0.7	mg/kg	0.00086	U	0.0015	U	0.0014		0.0013	U	0.00094	U	0.00093	U	0.00097	U
trans-1,2-Dichloroethene	156-60-5	0.19	100	0.19	mg/kg	0.0013	U	0.0022	U	0.002	U	0.0019	U	0.0014	U	0.0014	U	0.0014	U
trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	0.00086	U	0.0015	U	0.0013	U	0.0013	U	0.00094	U	0.00093	U	0.00097	U
trans-1,4-Dichloro-2-butene	110-57-6	NS	NS	NS	mg/kg	0.0043	U	0.0074	U	0.0066	U	0.0065	U	0.0047	U	0.0046	U	0.0048	U
Trichloroethene	79-01-6	0.47	6.4	0.47	mg/kg	0.00043	U	0.0033		0.00066	U	0.00085		0.00047	U	0.00046	U	0.00048	U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	0.0034	U	0.0059	U	0.0053	U	0.0052	U	0.0037	U	0.0037	U	0.0039	U
Vinyl acetate	108-05-4	NS	NS	NS	mg/kg	0.0086	U	0.015	U	0.013	U	0.013	U	0.0094	U	0.0093	U	0.0097	U
Vinyl chloride	75-01-4	0.03	0.48	0.03	mg/kg	0.00086	U	0.0015	U	0.0013	U	0.0013	U	0.00094	U	0.00093	U	0.00097	U
Xylenes, Total	1330-20-7	0.26	100	1.2	mg/kg	0.00086	U	0.0015	U	0.0064	J	0.0013	U	0.00094	U	0.00093	U	0.00097	U

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-12 (0.5-1)		SB-12 (0.5-1)		SB-10 (0.5-1)		SB-10 (0.5-1)		SB-9 (0.5-1)		SB-8 (0.5-1)		SB-15 (0.5-1)	
SAMPLE DATE						12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/20/2024		12/20/2024	
LAB ID						L2475113-10		L2475113-10 R1		L2475113-11		L2475113-11 R1		L2475113-12		L2475472-01		L2475472-02	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035/8260																			
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	0.00054	U	0.00092	U	0.00061	U	~	~	0.00053	U	0.0005	U	0.00049	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	mg/kg	0.00054	U	0.00092	U	0.0007		~	~	0.00053	U	0.0005	U	0.00049	U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	0.00054	U	0.00092	U	0.00061	U	~	~	0.00053	U	0.0005	U	0.00049	U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
1,1-Dichloroethane	75-34-3	0.27	47	0.27	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
1,1-Dichloroethene	75-35-4	0.24	0.98	0.33	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	0.00054	U	0.00092	U	0.00061	U	~	~	0.00053	U	0.0005	U	0.00049	U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	5.9	100	5.9	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	NS	mg/kg	0.0033	U	0.0055	U	0.0036	U	~	~	0.0032	U	0.003	U	0.003	U
1,2-Dibromoethane	106-93-4	NS	NS	NS	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	5.8	0.02	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
1,2-Dichloroethene, Total	540-59-0	NS	NS	NS	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
1,3,5-Trimethylbenzene	108-67-8	3.1	100	3.1	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
1,3-Dichloropropene, Total	542-75-6	NS	NS	NS	mg/kg	0.00054	U	0.00092	U	0.00061	U	~	~	0.00053	U	0.0005	U	0.00049	U
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	0.087	U	0.15	U	0.097	U	~	~	0.084	U	0.079	U	0.079	U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
2-Butanone	78-93-3	0.1	100	0.1	mg/kg	0.011	U	0.018	U	0.012	U	~	~	0.01	U	0.0099	U	0.0099	U
2-Hexanone	591-78-6	NS	NS	NS	mg/kg	0.011	U	0.018	U	0.012	U	~	~	0.01	U	0.0099	U	0.0099	U
4-Methyl-2-pentanone	108-10-1	NS	NS	NS	mg/kg	0.011	U	0.018	U	0.012	U	~	~	0.01	U	0.0099	U	0.0099	U
Acetone	67-64-1	0.03	100	0.03	mg/kg	0.011	U	0.018	U	0.012	U	~	~	0.01	U	0.0099	U	0.0099	U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	0.0044	U	0.0074	U	0.0049	U	~	~	0.0042	U	0.004	U	0.0039	U
Benzene	71-43-2	0.06	3.7	0.06	mg/kg	0.00054	U	0.00033	J	0.00061	U	~	~	0.00037	J	0.00038	J	0.00049	U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	0.00054	U	0.00092	U	0.00061	U	~	~	0.00053	U	0.0005	U	0.00049	U
Bromoform	75-25-2	NS	NS	NS	mg/kg	0.0044	U	0.0074	U	0.0049	U	~	~	0.0042	U	0.004	U	0.0039	U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
Carbon disulfide	75-15-0	NS	NS	NS	mg/kg	0.011	U	0.018	U	0.012	U	~	~	0.014		0.0099	U	0.0099	U
Carbon tetrachloride	56-23-5	0.76	7.1	0.76	mg/kg	0.0011	U	0.0018	U	0.0013		~	~	0.001	U	0.00099	U	0.00099	U
Chlorobenzene	108-90-7	4.5	100	4.5	mg/kg	0.00054	U	0.00092	U	0.00061	U	~	~	0.00053	U	0.0005	U	0.00049	U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
Chloroform	67-66-3	0.37	24	0.37	mg/kg	0.00019	J	0.0028	U	0.004		~	~	0.01		0.00053	J	0.0015	U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	0.0044	U	0.0074	U	0.0049	U	~	~	0.0042	U	0.004	U	0.0039	U
cis-1,2-Dichloroethene	156-59-2	0.19	41	0.19	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	0.00054	U	0.00092	U	0.00061	U	~	~	0.00053	U	0.0005	U	0.00049	U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	0.011	U	0.018	U	0.012	U	~	~	0.01	U	0.0099	U	0.0099	U
Ethyl ether	60-29-7	NS	NS	NS	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
Ethylbenzene	100-41-4	1	76	1	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	0.0044	U	0.0074	U	0.0049	U	~	~	0.0042	U	0.004	U	0.0039	U
Isopropylbenzene	98-82-8	NS	NS	NS	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
Methyl tert butyl ether	1634-04-4	0.1	100	0.1	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
Methylene chloride	75-09-2	0.05	81	0.05	mg/kg	0.0054	U	0.0092	U	0.0061	U	~	~	0.0053	U	0.005	U	0.0049	U
Naphthalene	91-20-3	12	100	12	mg/kg	0.0044	U	0.0074	U	0.0049	U	~	~	0.0042	U	0.004	U	0.0039	U
n-Butylbenzene	104-51-8	18	100	18	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
n-Propylbenzene	103-65-1	5	100	5	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
o-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
o-Xylene	95-47-6	NS	NS	NS	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.00044	J	0.00099	U	0.00099	U
p/m-Xylene	179601-23-1	NS	NS	NS	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.00078	J	0.002	U	0.002	U
p-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
p-Diethylbenzene	105-05-5	NS	NS	NS	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.00034	J	0.002	U
p-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
p-Isopropyltoluene	99-87-6	NS	NS	NS	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
sec-Butylbenzene	135-98-8	25	100	25	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
Styrene	100-42-5	NS	NS	NS	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
tert-Butylbenzene	98-06-6	11	100	11	mg/kg	0.0022	U	0.0037	U	0.0024	U	~	~	0.0021	U	0.002	U	0.002	U
Tetrachloroethene	127-18-4	1.3	18	1.3	mg/kg	0.011		0.011		0.016		~	~	0.0034		0.0005	U	0.00049	U
Toluene	108-88-3	0.7	100	0.7	mg/kg	0.0011	U	0.0018	U	0.00098	J	~	~	0.001		0.00075	J	0.00099	U
trans-1,2-Dichloroethene	156-60-5	0.19	100	0.19	mg/kg	0.0016	U	0.0028	U	0.0018	U	~	~	0.0016	U	0.0015	U	0.0015	U
trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
trans-1,4-Dichloro-2-butene	110-57-6	NS	NS	NS	mg/kg	0.0054	U	0.0092	U	0.0061	U	~	~	0.0053	U	0.005	U	0.0049	U
Trichloroethene	79-01-6	0.47	6.4	0.47	mg/kg	0.00054	U	0.00092	U	0.00061	U	~	~	0.00053	U	0.0005	U	0.00049	U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	0.0044	U	0.0074	U	0.0049	U	~	~	0.0042	U	0.004	U	0.0039	U
Vinyl acetate	108-05-4	NS	NS	NS	mg/kg	0.011	U	0.018	U	0.012	U	~	~	0.01	U	0.0099	U	0.0099	U
Vinyl chloride	75-01-4	0.03	0.48	0.03	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.001	U	0.00099	U	0.00099	U
Xylenes, Total	1330-20-7	0.26	100	1.2	mg/kg	0.0011	U	0.0018	U	0.0012	U	~	~	0.0012	J	0.00099	U	0.00099	U

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-7 (0.5-1)		SB-6 (0.5-1)		SB-5 (0.5-1)		SB-5 (0.5-1)		SB-110 (0.5-1)		SB-111 (0.5-1)		SB-111 (0.5-1)	
SAMPLE DATE						12/20/2024		12/20/2024		12/20/2024		12/20/2024		1/28/2025		1/28/2025		1/28/2025	
LAB ID						L2475472-03		L2475472-04		L2475472-05		L2475472-05 R1		L2505081-01		L2505081-02		L2505081-02 R1	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035/8260																			
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	0.00048	U	0.00052	U	0.00046	U	~	~	0.00075	U	0.0014	U	~	~
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	mg/kg	0.00048	U	0.00052	U	0.00046	U	~	~	0.00033	J	0.0014	U	~	~
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	0.00048	U	0.00052	U	0.00046	U	~	~	0.00075	U	0.0014	U	~	~
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0029	U	~	~
1,1-Dichloroethane	75-34-3	0.27	47	0.27	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0029	U	~	~
1,1-Dichloroethene	75-35-4	0.24	0.98	0.33	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0029	U	~	~
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	0.00048	U	0.00052	U	0.00046	U	~	~	0.00075	U	0.0014	U	~	~
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
1,2,4-Trimethylbenzene	95-63-6	5.9	100	5.9	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	NS	mg/kg	0.0029	U	0.0031	U	0.0028	U	~	~	0.0045	U	0.0087	U	~	~
1,2-Dibromoethane	106-93-4	NS	NS	NS	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0029	U	~	~
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
1,2-Dichloroethane	107-06-2	0.02	5.8	0.02	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0008	J	~	~
1,2-Dichloroethene, Total	540-59-0	NS	NS	NS	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0029	U	~	~
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0029	U	~	~
1,3,5-Trimethylbenzene	108-67-8	3.1	100	3.1	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
1,3-Dichloropropene, Total	542-75-6	NS	NS	NS	mg/kg	0.00048	U	0.00052	U	0.00046	U	~	~	0.00075	U	0.0014	U	~	~
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	0.076	U	0.082	U	0.074	U	~	~	0.12	U	0.23	U	~	~
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
2-Butanone	78-93-3	0.1	100	0.1	mg/kg	0.0096	U	0.01	U	0.0093	U	~	~	0.015	U	0.029	U	~	~
2-Hexanone	591-78-6	NS	NS	NS	mg/kg	0.0096	U	0.01	U	0.0093	U	~	~	0.015	U	0.029	U	~	~
4-Methyl-2-pentanone	108-10-1	NS	NS	NS	mg/kg	0.0096	U	0.01	U	0.0093	U	~	~	0.015	U	0.029	U	~	~
Acetone	67-64-1	0.03	100	0.03	mg/kg	0.0096	U	0.01	U	0.0057	J	~	~	0.015	U	0.029	U	~	~
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	0.0038	U	0.0041	U	0.0037	U	~	~	0.006	U	0.012	U	~	~
Benzene	71-43-2	0.06	3.7	0.06	mg/kg	0.00048	U	0.00052	U	0.00046	U	~	~	0.00075	U	0.0018		~	~
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	0.00048	U	0.00052	U	0.00046	U	~	~	0.00075	U	0.0014	U	~	~
Bromoform	75-25-2	NS	NS	NS	mg/kg	0.0038	U	0.0041	U	0.0037	U	~	~	0.006	U	0.012	U	~	~
Bromomethane	74-83-9	NS	NS	NS	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
Carbon disulfide	75-15-0	NS	NS	NS	mg/kg	0.0096	U	0.01	U	0.0093	U	~	~	0.015	U	0.029	U	~	~
Carbon tetrachloride	56-23-5	0.76	7.1	0.76	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0029	U	~	~
Chlorobenzene	108-90-7	4.5	100	4.5	mg/kg	0.00048	U	0.00052	U	0.00046	U	~	~	0.00075	U	0.0014	U	~	~
Chloroethane	75-00-3	NS	NS	NS	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
Chloroform	67-66-3	0.37	24	0.37	mg/kg	0.0014	U	0.0015	U	0.0014	U	~	~	0.0022	U	0.0044	U	~	~
Chloromethane	74-87-3	NS	NS	NS	mg/kg	0.0038	U	0.0041	U	0.0037	U	~	~	0.006	U	0.012	U	~	~
cis-1,2-Dichloroethene	156-59-2	0.19	41	0.19	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0029	U	~	~
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	0.00048	U	0.00052	U	0.00046	U	~	~	0.00075	U	0.0014	U	~	~
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0029	U	~	~
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	0.0096	U	0.01	U	0.0093	U	~	~	0.015	U	0.029	U	~	~
Ethyl ether	60-29-7	NS	NS	NS	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
Ethylbenzene	100-41-4	1	76	1	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.00042	J	~	~
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	0.0038	U	0.0041	U	0.0037	U	~	~	0.006	U	0.012	U	~	~
Isopropylbenzene	98-82-8	NS	NS	NS	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0029	U	~	~
Methyl tert butyl ether	1634-04-4	0.1	100	0.1	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
Methylene chloride	75-09-2	0.05	81	0.05	mg/kg	0.0048	U	0.0052	U	0.0046	U	~	~	0.0075	U	0.014	U	~	~
Naphthalene	91-20-3	12	100	12	mg/kg	0.0038	U	0.0041	U	0.0037	U	~	~	0.006	U	0.012	U	~	~
n-Butylbenzene	104-51-8	18	100	18	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0029	U	~	~
n-Propylbenzene	103-65-1	5	100	5	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0029	U	~	~
o-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
o-Xylene	95-47-6	NS	NS	NS	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0011	J	~	~
p/m-Xylene	179601-23-1	NS	NS	NS	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0034	J	~	~
p-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
p-Diethylbenzene	105-05-5	NS	NS	NS	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.00083	J	~	~
p-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
p-Isopropyltoluene	99-87-6	NS	NS	NS	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0029	U	~	~
sec-Butylbenzene	135-98-8	25	100	25	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0029	U	~	~
Styrene	100-42-5	NS	NS	NS	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0029	U	~	~
tert-Butylbenzene	98-06-6	11	100	11	mg/kg	0.0019	U	0.0021	U	0.0019	U	~	~	0.003	U	0.0058	U	~	~
Tetrachloroethene	127-18-4	1.3	18	1.3	mg/kg	0.00048	U	0.00052	U	0.00046	U	~	~	0.0007	J	0.0014	U	~	~
Toluene	108-88-3	0.7	100	0.7	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0058		~	~
trans-1,2-Dichloroethene	156-60-5	0.19	100	0.19	mg/kg	0.0014	U	0.0015	U	0.0014	U	~	~	0.0022	U	0.0044	U	~	~
trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0029	U	~	~
trans-1,4-Dichloro-2-butene	110-57-6	NS	NS	NS	mg/kg	0.0048	U	0.0052	U	0.0046	U	~	~	0.0075	U	0.014	U	~	~
Trichloroethene	79-01-6	0.47	6.4	0.47	mg/kg	0.00048	U	0.00052	U	0.00046	U	~	~	0.00075	U	0.0014	U	~	~
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	0.0038	U	0.0041	U	0.0037	U	~	~	0.006	U	0.012	U	~	~
Vinyl acetate	108-05-4	NS	NS	NS	mg/kg	0.0096	U	0.01	U	0.0093	U	~	~	0.015	U	0.029	U	~	~
Vinyl chloride	75-01-4	0.03	0.48	0.03	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0029	U	~	~
Xylenes, Total	1330-20-7	0.26	100	1.2	mg/kg	0.00096	U	0.001	U	0.00093	U	~	~	0.0015	U	0.0045	J	~	~

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-112 (0.5-1)		SB-113 (0.5-1)		SB-114 (0.5-1)		SB-115 (0.5-1)		SB-116 (2-2.5)		SB-118 (3.5-4)		SB-119 (8-8.5)	
SAMPLE DATE						1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025	
LAB ID						L2505081-03		L2505081-04		L2505081-05		L2505081-06		L2505081-07		L2505081-08		L2505081-09	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035/8260																			
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	0.00064	U	0.00055	U	0.00058	U	0.0006	U	0.0011	U	0.00071	U	0.00057	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	mg/kg	0.00064	U	0.00055	U	0.00058	U	0.0006	U	0.0011	U	0.0015		0.00057	U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	0.00064	U	0.00055	U	0.00058	U	0.0006	U	0.0011	U	0.00071	U	0.00057	U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.0014	U	0.0011	U
1,1-Dichloroethane	75-34-3	0.27	47	0.27	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.0014	U	0.0011	U
1,1-Dichloroethene	75-35-4	0.24	0.98	0.33	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.0014	U	0.0011	U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	0.00064	U	0.00055	U	0.00058	U	0.0006	U	0.0011	U	0.00071	U	0.00057	U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.00029	J	0.0023	U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
1,2,4-Trimethylbenzene	95-63-6	5.9	100	5.9	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0017	J	0.0023	U
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	NS	mg/kg	0.0038	U	0.0033	U	0.0035	U	0.0036	U	0.0064	U	0.0043	U	0.0034	U
1,2-Dibromoethane	106-93-4	NS	NS	NS	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.0014	U	0.0011	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
1,2-Dichloroethane	107-06-2	0.02	5.8	0.02	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.0014	U	0.0011	U
1,2-Dichloroethene, Total	540-59-0	NS	NS	NS	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.0014	U	0.0011	U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.0014	U	0.0011	U
1,3,5-Trimethylbenzene	108-67-8	3.1	100	3.1	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.00075	J	0.0023	U
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
1,3-Dichloropropene, Total	542-75-6	NS	NS	NS	mg/kg	0.00064	U	0.00055	U	0.00058	U	0.0006	U	0.0011	U	0.00071	U	0.00057	U
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	0.1	U	0.088	U	0.094	U	0.095	U	0.17	U	0.11	U	0.092	U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
2-Butanone	78-93-3	0.1	100	0.1	mg/kg	0.013	U	0.011	U	0.012	U	0.012	U	0.021	U	0.0052	J	0.0026	J
2-Hexanone	591-78-6	NS	NS	NS	mg/kg	0.013	U	0.011	U	0.012	U	0.012	U	0.021	U	0.014	U	0.011	U
4-Methyl-2-pentanone	108-10-1	NS	NS	NS	mg/kg	0.013	U	0.011	U	0.012	U	0.012	U	0.021	U	0.014	U	0.011	U
Acetone	67-64-1	0.03	100	0.03	mg/kg	0.013	U	0.011	U	0.012	U	0.012	U	0.021	U	0.017		0.0069	J
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	0.0051	U	0.0044	U	0.0047	U	0.0048	U	0.0085	U	0.0057	U	0.0046	U
Benzene	71-43-2	0.06	3.7	0.06	mg/kg	0.00064	U	0.00055	U	0.00058	U	0.00024	J	0.0011	U	0.00052	J	0.00057	U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	0.00064	U	0.00055	U	0.00058	U	0.0006	U	0.0011	U	0.00071	U	0.00057	U
Bromoform	75-25-2	NS	NS	NS	mg/kg	0.0051	U	0.0044	U	0.0047	U	0.0048	U	0.0085	U	0.0057	U	0.0046	U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
Carbon disulfide	75-15-0	NS	NS	NS	mg/kg	0.013	U	0.011	U	0.012	U	0.012	U	0.021	U	0.014	U	0.011	U
Carbon tetrachloride	56-23-5	0.76	7.1	0.76	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.0014	U	0.0011	U
Chlorobenzene	108-90-7	4.5	100	4.5	mg/kg	0.00064	U	0.00055	U	0.00058	U	0.0006	U	0.0011	U	0.00071	U	0.00057	U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
Chloroform	67-66-3	0.37	24	0.37	mg/kg	0.0019	U	0.0016	U	0.0018	U	0.0018	U	0.00057	J	0.0036		0.0017	U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	0.0051	U	0.0044	U	0.0047	U	0.0048	U	0.0085	U	0.0057	U	0.0046	U
cis-1,2-Dichloroethene	156-59-2	0.19	41	0.19	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.0014	U	0.0011	U
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	0.00064	U	0.00055	U	0.00058	U	0.0006	U	0.0011	U	0.00071	U	0.00057	U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.0014	U	0.0011	U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	0.013	U	0.011	U	0.012	U	0.012	U	0.021	U	0.014	U	0.011	U
Ethyl ether	60-29-7	NS	NS	NS	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
Ethylbenzene	100-41-4	1	76	1	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.0003	J	0.0011	U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	0.0051	U	0.0044	U	0.0047	U	0.0048	U	0.0085	U	0.0057	U	0.0046	U
Isopropylbenzene	98-82-8	NS	NS	NS	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.00018	J	0.0011	U
Methyl tert butyl ether	1634-04-4	0.1	100	0.1	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
Methylene chloride	75-09-2	0.05	81	0.05	mg/kg	0.0064	U	0.0055	U	0.0058	U	0.006	U	0.011	U	0.0071	U	0.0057	U
Naphthalene	91-20-3	12	100	12	mg/kg	0.0051	U	0.0044	U	0.0047	U	0.0048	U	0.0085	U	0.0057	U	0.0046	U
n-Butylbenzene	104-51-8	18	100	18	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.00032	J	0.0011	U
n-Propylbenzene	103-65-1	5	100	5	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.00027	J	0.0011	U
o-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
o-Xylene	95-47-6	NS	NS	NS	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.00055	J	0.0011	U
p/m-Xylene	179601-23-1	NS	NS	NS	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0013	J	0.0023	U
p-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
p-Diethylbenzene	105-05-5	NS	NS	NS	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0015	J	0.0023	U
p-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0014	J	0.0023	U
p-Isopropyltoluene	99-87-6	NS	NS	NS	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.00027	J	0.0011	U
sec-Butylbenzene	135-98-8	25	100	25	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.0014	U	0.0011	U
Styrene	100-42-5	NS	NS	NS	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.0014	U	0.0011	U
tert-Butylbenzene	98-06-6	11	100	11	mg/kg	0.0026	U	0.0022	U	0.0023	U	0.0024	U	0.0043	U	0.0028	U	0.0023	U
Tetrachloroethene	127-18-4	1.3	18	1.3	mg/kg	0.00064	U	0.00055	U	0.00058	U	0.00048	J	0.00061	J	0.0013		0.00057	U
Toluene	108-88-3	0.7	100	0.7	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.0014		0.0011	U
trans-1,2-Dichloroethene	156-60-5	0.19	100	0.19	mg/kg	0.0019	U	0.0016	U	0.0018	U	0.0018	U	0.0032	U	0.0021	U	0.0017	U
trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.0014	U	0.0011	U
trans-1,4-Dichloro-2-butene	110-57-6	NS	NS	NS	mg/kg	0.0064	U	0.0055	U	0.0058	U	0.006	U	0.011	U	0.0071	U	0.0057	U
Trichloroethene	79-01-6	0.47	6.4	0.47	mg/kg	0.00064	U	0.00055	U	0.00058	U	0.0006	U	0.0011	U	0.00086		0.00057	U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	0.0051	U	0.0044	U	0.0047	U	0.0048	U	0.0085	U	0.0057	U	0.0046	U
Vinyl acetate	108-05-4	NS	NS	NS	mg/kg	0.013	U	0.011	U	0.012	U	0.012	U	0.021	U	0.014	U	0.011	U
Vinyl chloride	75-01-4	0.03	0.48	0.03	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.0014	U	0.0011	U
Xylenes, Total	1330-20-7	0.26	100	1.2	mg/kg	0.0013	U	0.0011	U	0.0012	U	0.0012	U	0.0021	U	0.0019	J	0.0011	U

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-107 (0.5-1)		SB-107 (0.5-1)		SB-103 (1-1.5)		SB-102 (0.5-1)		SB-102 (0.5-1)		SB-108 (0.5-1)		SB-100 (1-1.8)	
SAMPLE DATE						1/28/2025		1/28/2025		1/29/2025		1/29/2025		1/29/2025		1/29/2025		1/31/2025	
LAB ID						L2505081-10		L2505081-10 R1		L2505083-01		L2505083-02		L2505083-02 R1		L2505083-03		L2505704-01	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035/8260																			
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	0.00064	U	~	~	0.00055	U	0.0012	U	~	~	0.00062	U	0.00091	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	mg/kg	0.00064	U	~	~	0.00055	U	0.0012	U	~	~	0.00062	U	0.00091	U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	0.00064	U	~	~	0.00055	U	0.0012	U	~	~	0.00062	U	0.00091	U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
1,1-Dichloroethane	75-34-3	0.27	47	0.27	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
1,1-Dichloroethene	75-35-4	0.24	0.98	0.33	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	0.00064	U	~	~	0.00055	U	0.0012	U	~	~	0.00062	U	0.00091	U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
1,2,4-Trimethylbenzene	95-63-6	5.9	100	5.9	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	NS	mg/kg	0.0039	U	~	~	0.0033	U	0.0074	U	~	~	0.0037	U	0.0054	U
1,2-Dibromoethane	106-93-4	NS	NS	NS	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
1,2-Dichloroethane	107-06-2	0.02	5.8	0.02	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
1,2-Dichloroethene, Total	540-59-0	NS	NS	NS	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
1,3,5-Trimethylbenzene	108-67-8	3.1	100	3.1	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
1,3-Dichloropropene, Total	542-75-6	NS	NS	NS	mg/kg	0.00064	U	~	~	0.00055	U	0.0012	U	~	~	0.00062	U	0.00091	U
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	0.1	U	~	~	0.088	U	0.2	U	~	~	0.099	U	0.14	U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
2-Butanone	78-93-3	0.1	100	0.1	mg/kg	0.013	U	~	~	0.011	U	0.025	U	~	~	0.012	U	0.018	U
2-Hexanone	591-78-6	NS	NS	NS	mg/kg	0.013	U	~	~	0.011	U	0.025	U	~	~	0.012	U	0.018	U
4-Methyl-2-pentanone	108-10-1	NS	NS	NS	mg/kg	0.013	U	~	~	0.011	U	0.025	U	~	~	0.012	U	0.018	U
Acetone	67-64-1	0.03	100	0.03	mg/kg	0.0062	J	~	~	0.011	U	0.025	U	~	~	0.012	U	0.018	U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	0.0052	U	~	~	0.0044	U	0.0099	U	~	~	0.005	U	0.0073	U
Benzene	71-43-2	0.06	3.7	0.06	mg/kg	0.00064	U	~	~	0.00055	U	0.0012	U	~	~	0.00062	U	0.00091	U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	0.00064	U	~	~	0.00055	U	0.0012	U	~	~	0.00062	U	0.00091	U
Bromoform	75-25-2	NS	NS	NS	mg/kg	0.0052	U	~	~	0.0044	U	0.0099	U	~	~	0.005	U	0.0073	U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
Carbon disulfide	75-15-0	NS	NS	NS	mg/kg	0.013	U	~	~	0.011	U	0.025	U	~	~	0.012	U	0.018	U
Carbon tetrachloride	56-23-5	0.76	7.1	0.76	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
Chlorobenzene	108-90-7	4.5	100	4.5	mg/kg	0.00064	U	~	~	0.00055	U	0.0012	U	~	~	0.00062	U	0.00091	U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
Chloroform	67-66-3	0.37	24	0.37	mg/kg	0.0019	U	~	~	0.00038	J	0.0037	U	~	~	0.0018	U	0.0027	U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	0.0052	U	~	~	0.0044	U	0.0099	U	~	~	0.005	U	0.0073	U
cis-1,2-Dichloroethene	156-59-2	0.19	41	0.19	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	0.00064	U	~	~	0.00055	U	0.0012	U	~	~	0.00062	U	0.00091	U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	0.013	U	~	~	0.011	U	0.025	U	~	~	0.012	U	0.018	U
Ethyl ether	60-29-7	NS	NS	NS	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
Ethylbenzene	100-41-4	1	76	1	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	0.0052	U	~	~	0.0044	U	0.0099	U	~	~	0.005	U	0.0073	U
Isopropylbenzene	98-82-8	NS	NS	NS	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
Methyl tert butyl ether	1634-04-4	0.1	100	0.1	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
Methylene chloride	75-09-2	0.05	81	0.05	mg/kg	0.0064	U	~	~	0.0055	U	0.012	U	~	~	0.0062	U	0.0091	U
Naphthalene	91-20-3	12	100	12	mg/kg	0.0052	U	~	~	0.0044	U	0.0099	U	~	~	0.005	U	0.0073	U
n-Butylbenzene	104-51-8	18	100	18	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
n-Propylbenzene	103-65-1	5	100	5	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
o-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
o-Xylene	95-47-6	NS	NS	NS	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
p/m-Xylene	179601-23-1	NS	NS	NS	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
p-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
p-Diethylbenzene	105-05-5	NS	NS	NS	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
p-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
p-Isopropyltoluene	99-87-6	NS	NS	NS	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
sec-Butylbenzene	135-98-8	25	100	25	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
Styrene	100-42-5	NS	NS	NS	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
tert-Butylbenzene	98-06-6	11	100	11	mg/kg	0.0026	U	~	~	0.0022	U	0.0049	U	~	~	0.0025	U	0.0036	U
Tetrachloroethene	127-18-4	1.3	18	1.3	mg/kg	0.0004	J	~	~	0.00057		0.0026		~	~	0.00062	U	0.00091	U
Toluene	108-88-3	0.7	100	0.7	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
trans-1,2-Dichloroethene	156-60-5	0.19	100	0.19	mg/kg	0.0019	U	~	~	0.0016	U	0.0037	U	~	~	0.0018	U	0.0027	U
trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
trans-1,4-Dichloro-2-butene	110-57-6	NS	NS	NS	mg/kg	0.0064	U	~	~	0.0055	U	0.012	U	~	~	0.0062	U	0.0091	U
Trichloroethene	79-01-6	0.47	6.4	0.47	mg/kg	0.00064	U	~	~	0.00055	U	0.0012	U	~	~	0.00062	U	0.00091	U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	0.0052	U	~	~	0.0044	U	0.0099	U	~	~	0.005	U	0.0073	U
Vinyl acetate	108-05-4	NS	NS	NS	mg/kg	0.013	U	~	~	0.011	U	0.025	U	~	~	0.012	U	0.018	U
Vinyl chloride	75-01-4	0.03	0.48	0.03	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U
Xylenes, Total	1330-20-7	0.26	100	1.2	mg/kg	0.0013	U	~	~	0.0011	U	0.0025	U	~	~	0.0012	U	0.0018	U

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-101 (0.5-1)		SB-104 (0.5-1)		SB-105 (0.5-1)		SB-106 (0.5-1)		SB-109 (0.5-1)		SB-117 (0.5-1)	
SAMPLE DATE						1/31/2025		1/31/2025		1/31/2025		1/31/2025		1/31/2025		1/31/2025	
LAB ID						L2505704-02		L2505704-03		L2505704-04		L2505704-05		L2505704-06		L2505704-07	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by EPA 5035/8260																	
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	0.00062	U	0.00049	U	0.00056	U	0.00048	U	0.00079	U	0.00064	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.68	mg/kg	0.00062	U	0.00049	U	0.00056	U	0.00048	U	0.00079	U	0.00064	U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	0.00062	U	0.00049	U	0.00056	U	0.00048	U	0.00079	U	0.00064	U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
1,1-Dichloroethane	75-34-3	0.27	47	0.27	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
1,1-Dichloroethene	75-35-4	0.24	0.98	0.33	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	0.00062	U	0.00049	U	0.00056	U	0.00048	U	0.00079	U	0.00064	U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
1,2,4-Trimethylbenzene	95-63-6	5.9	100	5.9	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	NS	mg/kg	0.0037	U	0.0029	U	0.0033	U	0.0029	U	0.0048	U	0.0038	U
1,2-Dibromoethane	106-93-4	NS	NS	NS	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
1,2-Dichlorobenzene	95-50-1	1.1	100	1.1	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
1,2-Dichloroethane	107-06-2	0.02	5.8	0.02	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
1,2-Dichloroethene, Total	540-59-0	NS	NS	NS	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
1,3,5-Trimethylbenzene	108-67-8	3.1	100	3.1	mg/kg	0.0025	U	0.00025	J	0.0022	U	0.0019	U	0.0032	U	0.0026	U
1,3-Dichlorobenzene	541-73-1	2.6	38	2.6	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
1,3-Dichloropropene, Total	542-75-6	NS	NS	NS	mg/kg	0.00062	U	0.00049	U	0.00056	U	0.00048	U	0.00079	U	0.00064	U
1,4-Dichlorobenzene	106-46-7	1.8	24	1.8	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
1,4-Dioxane	123-91-1	0.1	5.7	0.1	mg/kg	0.098	U	0.078	U	0.089	U	0.077	U	0.13	U	0.1	U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
2-Butanone	78-93-3	0.1	100	0.1	mg/kg	0.012	U	0.0098	U	0.011	U	0.0096	U	0.016	U	0.013	U
2-Hexanone	591-78-6	NS	NS	NS	mg/kg	0.012	U	0.0098	U	0.011	U	0.0096	U	0.016	U	0.013	U
4-Methyl-2-pentanone	108-10-1	NS	NS	NS	mg/kg	0.012	U	0.0098	U	0.011	U	0.0096	U	0.016	U	0.013	U
Acetone	67-64-1	0.03	100	0.03	mg/kg	0.012	U	0.0098	U	0.011	U	0.0096	U	0.016	U	0.013	U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	0.0049	U	0.0039	U	0.0044	U	0.0039	U	0.0064	U	0.0051	U
Benzene	71-43-2	0.06	3.7	0.06	mg/kg	0.00062	U	0.00049	U	0.00056	U	0.00048	U	0.00079	U	0.00064	U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	0.00062	U	0.00049	U	0.00056	U	0.00048	U	0.00079	U	0.00064	U
Bromoform	75-25-2	NS	NS	NS	mg/kg	0.0049	U	0.0039	U	0.0044	U	0.0039	U	0.0064	U	0.0051	U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
Carbon disulfide	75-15-0	NS	NS	NS	mg/kg	0.012	U	0.0098	U	0.011	U	0.0096	U	0.016	U	0.013	U
Carbon tetrachloride	56-23-5	0.76	7.1	0.76	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
Chlorobenzene	108-90-7	4.5	100	4.5	mg/kg	0.00062	U	0.00049	U	0.00056	U	0.00048	U	0.00079	U	0.00064	U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
Chloroform	67-66-3	0.37	24	0.37	mg/kg	0.0053		0.0015	U	0.00021	J	0.0014	U	0.0024	U	0.0019	U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	0.0049	U	0.0039	U	0.0044	U	0.0039	U	0.0064	U	0.0051	U
cis-1,2-Dichloroethene	156-59-2	0.19	41	0.19	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	0.00062	U	0.00049	U	0.00056	U	0.00048	U	0.00079	U	0.00064	U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	0.012	U	0.0098	U	0.011	U	0.0096	U	0.016	U	0.013	U
Ethyl ether	60-29-7	NS	NS	NS	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
Ethylbenzene	100-41-4	1	76	1	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	0.0049	U	0.0039	U	0.0044	U	0.0039	U	0.0064	U	0.0051	U
Isopropylbenzene	98-82-8	NS	NS	NS	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
Methyl tert butyl ether	1634-04-4	0.1	100	0.1	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
Methylene chloride	75-09-2	0.05	81	0.05	mg/kg	0.0062	U	0.0049	U	0.0056	U	0.0048	U	0.0079	U	0.0064	U
Naphthalene	91-20-3	12	100	12	mg/kg	0.0091		0.0039	U	0.0044	U	0.0039	U	0.0064	U	0.0051	U
n-Butylbenzene	104-51-8	18	100	18	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
n-Propylbenzene	103-65-1	5	100	5	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
o-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
o-Xylene	95-47-6	NS	NS	NS	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
p/m-Xylene	179601-23-1	NS	NS	NS	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
p-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
p-Diethylbenzene	105-05-5	NS	NS	NS	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
p-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
p-Isopropyltoluene	99-87-6	NS	NS	NS	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
sec-Butylbenzene	135-98-8	25	100	25	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
Styrene	100-42-5	NS	NS	NS	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
tert-Butylbenzene	98-06-6	11	100	11	mg/kg	0.0025	U	0.002	U	0.0022	U	0.0019	U	0.0032	U	0.0026	U
Tetrachloroethene	127-18-4	1.3	18	1.3	mg/kg	0.045		0.0014		0.0062		0.0042		0.00079	U	0.00064	U
Toluene	108-88-3	0.7	100	0.7	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
trans-1,2-Dichloroethene	156-60-5	0.19	100	0.19	mg/kg	0.0018	U	0.0015	U	0.0017	U	0.0014	U	0.0024	U	0.0019	U
trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
trans-1,4-Dichloro-2-butene	110-57-6	NS	NS	NS	mg/kg	0.0062	U	0.0049	U	0.0056	U	0.0048	U	0.0079	U	0.0064	U
Trichloroethene	79-01-6	0.47	6.4	0.47	mg/kg	0.00051	J	0.00049	U	0.00056	U	0.00048	U	0.00079	U	0.00064	U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	0.0049	U	0.0039	U	0.0044	U	0.0039	U	0.0064	U	0.0051	U
Vinyl acetate	108-05-4	NS	NS	NS	mg/kg	0.012	U	0.0098	U	0.011	U	0.0096	U	0.016	U	0.013	U
Vinyl chloride	75-01-4	0.03	0.48	0.03	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U
Xylenes, Total	1330-20-7	0.26	100	1.2	mg/kg	0.0012	U	0.00098	U	0.0011	U	0.00096	U	0.0016	U	0.0013	U

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-14 (0.5-1)		SB-13 (1-1.5)		SB-1 (3.5-4)		SB-2 (0.5-1)		SB-3 (5-5.5)		SB-11 (0.5-1)		SB-4 (0.5-1)	
SAMPLE DATE						12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024	
LAB ID						L2475113-01		L2475113-02		L2475113-03		L2475113-04		L2475113-07		L2475113-08		L2475113-09	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																			
Aluminum, Total	7429-90-5	NS	NS	NS	mg/kg	11600		9730		5460		16000		13200		11300		9580	
Antimony, Total	7440-36-0	NS	NS	NS	mg/kg	4.14	U	4.08	J	0.894	J	0.514	J	0.738	J	6.16		4.56	U
Arsenic, Total	7440-38-2	13	16	16	mg/kg	1.9		13.1		14.8		3.33		2.59		8.82		2.6	
Barium, Total	7440-39-3	410	410	820	mg/kg	67.4		96.5		89.7		71.6		158		132		89.7	
Beryllium, Total	7440-41-7	4.4	43	47	mg/kg	0.304	J	0.538	J	0.288	J	0.487		0.29	J	0.572		0.274	J
Cadmium, Total	7440-43-9	2.5	2.5	7.5	mg/kg	0.158	J	0.583	J	0.606	J	0.218	J	0.207	J	0.474	J	0.111	J
Calcium, Total	7440-70-2	NS	NS	NS	mg/kg	1200		22300		45000		1380		8820		5140		2370	
Chromium, Total	7440-47-3	30	110	19	mg/kg	14		27.4		11.4		12.2		17.6		13.4		45.5	
Cobalt, Total	7440-48-4	NS	NS	NS	mg/kg	6.85		7.85		3.51		7.58		13.9		6.65		8.81	
Copper, Total	7440-50-8	50	280	1720	mg/kg	39.4		49.3		33.1		18.5		94.9		68.4		16.7	
Iron, Total	7439-89-6	NS	NS	NS	mg/kg	16100		50000		13100		19700		19800		18600		13100	
Lead, Total	7439-92-1	63	400	450	mg/kg	3.21	J	108		281		18.5		14.7		286		8.24	
Magnesium, Total	7439-95-4	NS	NS	NS	mg/kg	4750		3700		8550		4170		9920		2960		6380	
Manganese, Total	7439-96-5	1600	2000	2000	mg/kg	304		313		176		295		225		293		273	
Mercury, Total	7439-97-6	0.18	0.3	0.73	mg/kg	0.076	U	0.117		0.099		0.068	J	0.081	U	0.389		0.074	J
Nickel, Total	7440-02-0	30	320	130	mg/kg	8.04		16.2		7.7		8.99		16		13.9		21.5	
Potassium, Total	7440-09-7	NS	NS	NS	mg/kg	2740		1410		588		1680		4560		791		2510	
Selenium, Total	7782-49-2	3.9	110	4	mg/kg	1.65	U	3.49	U	0.793	J	1.64	U	1.73	U	0.526	J	1.82	U
Silver, Total	7440-22-4	2	110	8.3	mg/kg	0.414	U	0.872	U	0.463	U	0.411	U	0.432	U	0.458	U	0.456	U
Sodium, Total	7440-23-5	NS	NS	NS	mg/kg	100	J	350		411		279		194		109	J	131	J
Thallium, Total	7440-28-0	NS	NS	NS	mg/kg	1.65	U	3.49	U	0.401	J	1.64	U	0.606	J	1.83	U	1.82	U
Vanadium, Total	7440-62-2	NS	NS	NS	mg/kg	19.8		24.3		19.7		27.7		41.4		27.7		21.2	
Zinc, Total	7440-66-6	109	6600	2480	mg/kg	51.8		97.9		349		52		70.1		127		39.1	

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-12 (0.5-1)		SB-12 (0.5-1)		SB-10 (0.5-1)		SB-10 (0.5-1)		SB-9 (0.5-1)		SB-8 (0.5-1)		SB-15 (0.5-1)	
SAMPLE DATE						12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/19/2024		12/20/2024		12/20/2024	
LAB ID						L2475113-10		L2475113-10 R1		L2475113-11		L2475113-11 R1		L2475113-12		L2475472-01		L2475472-02	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																			
Aluminum, Total	7429-90-5	NS	NS	NS	mg/kg	34400		~	~	4940		~	~	11800		9480		11800	
Antimony, Total	7440-36-0	NS	NS	NS	mg/kg	1.19	J	~	~	1.24	J	~	~	0.697	J	4.36	U	4.15	U
Arsenic, Total	7440-38-2	13	16	16	mg/kg	1.19		~	~	12.5		~	~	6.15		2.13		3.09	
Barium, Total	7440-39-3	410	410	820	mg/kg	564		~	~	63		~	~	118		56.4		93.5	
Beryllium, Total	7440-41-7	4.4	43	47	mg/kg	0.332	J	~	~	0.216	J	~	~	0.452		0.252	J	0.3	J
Cadmium, Total	7440-43-9	2.5	2.5	7.5	mg/kg	0.557	J	~	~	0.408	J	~	~	0.46	J	0.871	U	0.102	J
Calcium, Total	7440-70-2	NS	NS	NS	mg/kg	1430		~	~	8100		~	~	11900		3970		3740	
Chromium, Total	7440-47-3	30	110	19	mg/kg	61.1		~	~	7.89		~	~	11.9		6.13		17.6	
Cobalt, Total	7440-48-4	NS	NS	NS	mg/kg	20.6		~	~	3.14		~	~	10.3		4.26		6.07	
Copper, Total	7440-50-8	50	280	1720	mg/kg	3.31		~	~	34.2		~	~	71.1		11.5		27.7	
Iron, Total	7439-89-6	NS	NS	NS	mg/kg	41600		~	~	12100		~	~	20000		13600		16400	
Lead, Total	7439-92-1	63	400	450	mg/kg	2.7	J	~	~	61.6		~	~	39.1		2.83	J	44.3	
Magnesium, Total	7439-95-4	NS	NS	NS	mg/kg	18900		~	~	4710		~	~	5860		3510		4990	
Manganese, Total	7439-96-5	1600	2000	2000	mg/kg	2540		~	~	153		~	~	484		257		262	
Mercury, Total	7439-97-6	0.18	0.3	0.73	mg/kg	0.09	U	~	~	0.134		~	~	0.134		0.089	U	0.103	
Nickel, Total	7440-02-0	30	320	130	mg/kg	20.7		~	~	6.5		~	~	16.3		5.46		9.22	
Potassium, Total	7440-09-7	NS	NS	NS	mg/kg	19700		~	~	1070		~	~	2390		1960		2280	
Selenium, Total	7782-49-2	3.9	110	4	mg/kg	0.337	J	~	~	0.422	J	~	~	1.75	U	1.74	U	0.251	J
Silver, Total	7440-22-4	2	110	8.3	mg/kg	0.428	U	~	~	0.504	U	~	~	0.438	U	0.436	U	0.415	U
Sodium, Total	7440-23-5	NS	NS	NS	mg/kg	393		~	~	189	J	~	~	288		701		118	J
Thallium, Total	7440-28-0	NS	NS	NS	mg/kg	2.04	J	~	~	2.01	U	~	~	1.75	U	1.74	U	0.32	J
Vanadium, Total	7440-62-2	NS	NS	NS	mg/kg	107		~	~	21.1		~	~	31.4		15.5		23.5	
Zinc, Total	7440-66-6	109	6600	2480	mg/kg	209		~	~	78.3		~	~	186		31.8		60.2	

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-7 (0.5-1)		SB-6 (0.5-1)		SB-5 (0.5-1)		SB-5 (0.5-1)		SB-110 (0.5-1)		SB-111 (0.5-1)		SB-111 (0.5-1)	
SAMPLE DATE						12/20/2024		12/20/2024		12/20/2024		12/20/2024		1/28/2025		1/28/2025		1/28/2025	
LAB ID						L2475472-03		L2475472-04		L2475472-05		L2475472-05 R1		L2505081-01		L2505081-02		L2505081-02 R1	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																			
Aluminum, Total	7429-90-5	NS	NS	NS	mg/kg	17600		12600		14500		~	~	7890		4270		~	~
Antimony, Total	7440-36-0	NS	NS	NS	mg/kg	0.357	J	4.17	U	4.1	U	~	~	4.85	U	5.07	U	~	~
Arsenic, Total	7440-38-2	13	16	16	mg/kg	3.15		2.62		4.8		~	~	4.75		19.8		~	~
Barium, Total	7440-39-3	410	410	820	mg/kg	80.4		107		83.7		~	~	67.1		197		~	~
Beryllium, Total	7440-41-7	4.4	43	47	mg/kg	0.527		0.268	J	0.34	J	~	~	0.283	J	0.443	J	~	~
Cadmium, Total	7440-43-9	2.5	2.5	7.5	mg/kg	0.939	U	0.834	U	0.82	U	~	~	0.27	J	0.66	J	~	~
Calcium, Total	7440-70-2	NS	NS	NS	mg/kg	1640		9410		2500		~	~	17300		11700		~	~
Chromium, Total	7440-47-3	30	110	19	mg/kg	11.2		16.2		11.8		~	~	10.3		28.9		~	~
Cobalt, Total	7440-48-4	NS	NS	NS	mg/kg	5.9		7.79		6.3		~	~	6.4		4.76		~	~
Copper, Total	7440-50-8	50	280	1720	mg/kg	12.1		48		180		~	~	41.4		69.8		~	~
Iron, Total	7439-89-6	NS	NS	NS	mg/kg	19400		17900		19300		~	~	13700		16500		~	~
Lead, Total	7439-92-1	63	400	450	mg/kg	16		12.7		8.64		~	~	45.2		353		~	~
Magnesium, Total	7439-95-4	NS	NS	NS	mg/kg	3190		7850		3660		~	~	4350		7600		~	~
Manganese, Total	7439-96-5	1600	2000	2000	mg/kg	333		169		299		~	~	236		190		~	~
Mercury, Total	7439-97-6	0.18	0.3	0.73	mg/kg	0.088	U	0.071	U	0.063	J	~	~	0.119		2.38		~	~
Nickel, Total	7440-02-0	30	320	130	mg/kg	8.48		9.35		10.5		~	~	12.3		14.4		~	~
Potassium, Total	7440-09-7	NS	NS	NS	mg/kg	623		2070		1340		~	~	1290		605		~	~
Selenium, Total	7782-49-2	3.9	110	4	mg/kg	1.88	U	1.67	U	1.64	U	~	~	1.94	U	1.05	J	~	~
Silver, Total	7440-22-4	2	110	8.3	mg/kg	0.47	U	0.417	U	0.41	U	~	~	0.485	U	0.507	U	~	~
Sodium, Total	7440-23-5	NS	NS	NS	mg/kg	88.9	J	492		156	J	~	~	162	J	203	U	~	~
Thallium, Total	7440-28-0	NS	NS	NS	mg/kg	1.88	U	0.27	J	1.64	U	~	~	1.94	U	2.03	U	~	~
Vanadium, Total	7440-62-2	NS	NS	NS	mg/kg	25.2		32.9		26.6		~	~	17.7		20.8		~	~
Zinc, Total	7440-66-6	109	6600	2480	mg/kg	37.3		44.7		31.9		~	~	83.4		354		~	~

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-112 (0.5-1)		SB-113 (0.5-1)		SB-114 (0.5-1)		SB-115 (0.5-1)		SB-116 (2-2.5)		SB-118 (3.5-4)		SB-119 (8-8.5)	
SAMPLE DATE						1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025		1/28/2025	
LAB ID						L2505081-03		L2505081-04		L2505081-05		L2505081-06		L2505081-07		L2505081-08		L2505081-09	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																			
Aluminum, Total	7429-90-5	NS	NS	NS	mg/kg	11600		9390		9060		3980		11700		7670		12300	
Antimony, Total	7440-36-0	NS	NS	NS	mg/kg	4.25	U	4.06	U	4.26	U	4.19	U	4.93	U	4.29	U	4.13	U
Arsenic, Total	7440-38-2	13	16	16	mg/kg	4.27		3.1		4.82		1.92		4.17		6.57		2.54	
Barium, Total	7440-39-3	410	410	820	mg/kg	78.2		64.8		93.2		12.8		92.2		105		119	
Beryllium, Total	7440-41-7	4.4	43	47	mg/kg	0.394	J	0.31	J	0.204	J	0.294	J	0.371	J	0.368	J	0.293	J
Cadmium, Total	7440-43-9	2.5	2.5	7.5	mg/kg	0.223	J	0.248	J	0.851	U	0.837	U	0.987	U	0.482	J	0.163	J
Calcium, Total	7440-70-2	NS	NS	NS	mg/kg	3900		2680		41500		56400		29700		41000		9840	
Chromium, Total	7440-47-3	30	110	19	mg/kg	12.6		13.3		37		6.93		15.8		238		17.8	
Cobalt, Total	7440-48-4	NS	NS	NS	mg/kg	5.94		6.74		6.99		2.24		6.97		4.43		9.9	
Copper, Total	7440-50-8	50	280	1720	mg/kg	25.6		22.3		28.1		5.65		30.2		60.2		64.6	
Iron, Total	7439-89-6	NS	NS	NS	mg/kg	15700		16200		13200		10800		17000		12800		19100	
Lead, Total	7439-92-1	63	400	450	mg/kg	52.8		26.8		9.79		3.34	J	74.3		420		17.4	
Magnesium, Total	7439-95-4	NS	NS	NS	mg/kg	4040		4750		10900		33200		8070		2740		7560	
Manganese, Total	7439-96-5	1600	2000	2000	mg/kg	316		257		257		154		395		196		347	
Mercury, Total	7439-97-6	0.18	0.3	0.73	mg/kg	0.098		0.074	U	0.072	U	0.076	U	0.159		0.21		0.079	
Nickel, Total	7440-02-0	30	320	130	mg/kg	9.89		11.7		14.5		4.28		11.4		9.52		8.36	
Potassium, Total	7440-09-7	NS	NS	NS	mg/kg	1260		1760		2400		516		2350		1340		4290	
Selenium, Total	7782-49-2	3.9	110	4	mg/kg	1.7	U	1.62	U	1.7	U	1.67	U	1.97	U	1.39	J	1.65	U
Silver, Total	7440-22-4	2	110	8.3	mg/kg	0.425	U	0.406	U	0.426	U	0.419	U	0.493	U	0.429	U	0.413	U
Sodium, Total	7440-23-5	NS	NS	NS	mg/kg	176		162	U	476		206		1020		317		292	
Thallium, Total	7440-28-0	NS	NS	NS	mg/kg	1.7	U	1.62	U	1.7	U	1.67	U	1.97	U	0.804	J	1.11	J
Vanadium, Total	7440-62-2	NS	NS	NS	mg/kg	21.3		20.4		27.4		18		24		23.4		30.2	
Zinc, Total	7440-66-6	109	6600	2480	mg/kg	98.6		69.5		50		24.3		63.1		264		58.8	

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-107 (0.5-1)		SB-107 (0.5-1)		SB-103 (1-1.5)		SB-102 (0.5-1)		SB-102 (0.5-1)		SB-108 (0.5-1)		SB-100 (1-1.8)	
SAMPLE DATE						1/28/2025		1/28/2025		1/29/2025		1/29/2025		1/29/2025		1/29/2025		1/31/2025	
LAB ID						L2505081-10		L2505081-10 R1		L2505083-01		L2505083-02		L2505083-02 R1		L2505083-03		L2505704-01	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																			
Aluminum, Total	7429-90-5	NS	NS	NS	mg/kg	9320		~	~	7210		5000		~	~	10200		13800	
Antimony, Total	7440-36-0	NS	NS	NS	mg/kg	4.37	U	~	~	4.23	U	4.15	U	~	~	4.4	U	4.18	U
Arsenic, Total	7440-38-2	13	16	16	mg/kg	10		~	~	1.18		6.98		~	~	3.34		1.91	
Barium, Total	7440-39-3	410	410	820	mg/kg	60.1		~	~	70.5		31.2		~	~	82.5		151	
Beryllium, Total	7440-41-7	4.4	43	47	mg/kg	0.466		~	~	0.137	J	0.165	J	~	~	0.34	J	0.256	J
Cadmium, Total	7440-43-9	2.5	2.5	7.5	mg/kg	1.38		~	~	0.072	J	0.175	J	~	~	0.119	J	0.114	J
Calcium, Total	7440-70-2	NS	NS	NS	mg/kg	31800		~	~	1150		2280		~	~	5170		2330	
Chromium, Total	7440-47-3	30	110	19	mg/kg	12.3		~	~	5.36		6.71		~	~	10.9		12.6	
Cobalt, Total	7440-48-4	NS	NS	NS	mg/kg	9.19		~	~	4.45		3.08		~	~	6.2		8.16	
Copper, Total	7440-50-8	50	280	1720	mg/kg	71.5		~	~	10.2		22.7		~	~	21.3		18.9	
Iron, Total	7439-89-6	NS	NS	NS	mg/kg	17800		~	~	10900		22900		~	~	15100		19100	
Lead, Total	7439-92-1	63	400	450	mg/kg	289		~	~	1.57	J	22.4		~	~	30.3		2.97	J
Magnesium, Total	7439-95-4	NS	NS	NS	mg/kg	5340		~	~	3610		2940		~	~	4000		8700	
Manganese, Total	7439-96-5	1600	2000	2000	mg/kg	364		~	~	259		131		~	~	417		234	
Mercury, Total	7439-97-6	0.18	0.3	0.73	mg/kg	0.577		~	~	0.077	U	0.073	U	~	~	0.429		0.075	U
Nickel, Total	7440-02-0	30	320	130	mg/kg	21.8		~	~	4.26		8.07		~	~	9.78		9.89	
Potassium, Total	7440-09-7	NS	NS	NS	mg/kg	853		~	~	2850		968		~	~	1890		3140	
Selenium, Total	7782-49-2	3.9	110	4	mg/kg	1.75	U	~	~	1.69	U	1.66	U	~	~	0.348	J	1.67	U
Silver, Total	7440-22-4	2	110	8.3	mg/kg	0.302	J	~	~	0.423	U	0.415	U	~	~	0.44	U	0.418	U
Sodium, Total	7440-23-5	NS	NS	NS	mg/kg	148	J	~	~	169	U	177		~	~	430		202	
Thallium, Total	7440-28-0	NS	NS	NS	mg/kg	1.75	U	~	~	1.69	U	1.66	U	~	~	1.76	U	1.67	U
Vanadium, Total	7440-62-2	NS	NS	NS	mg/kg	28.9		~	~	15.4		13		~	~	20		40.4	
Zinc, Total	7440-66-6	109	6600	2480	mg/kg	243		~	~	31.8		35.9		~	~	44.6		34.7	

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.1
Soil Sample Results

SAMPLE ID	CAS	NY-UUSCO	NY-RRSCO	NY-POTGWSCO	Units	SB-101 (0.5-1)		SB-104 (0.5-1)		SB-105 (0.5-1)		SB-106 (0.5-1)		SB-109 (0.5-1)		SB-117 (0.5-1)	
SAMPLE DATE						1/31/2025		1/31/2025		1/31/2025		1/31/2025		1/31/2025		1/31/2025	
LAB ID						L2505704-02		L2505704-03		L2505704-04		L2505704-05		L2505704-06		L2505704-07	
MATRIX						SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
						Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																	
Aluminum, Total	7429-90-5	NS	NS	NS	mg/kg	7000		11000		12300		16900		14200		14800	
Antimony, Total	7440-36-0	NS	NS	NS	mg/kg	4.27	U	4.09	U	4.38	U	4.47	U	4.11	U	4.37	U
Arsenic, Total	7440-38-2	13	16	16	mg/kg	3.62		2.87		2.32		4.38		3.76		2.11	
Barium, Total	7440-39-3	410	410	820	mg/kg	48.8		104		53.9		79.3		276		123	
Beryllium, Total	7440-41-7	4.4	43	47	mg/kg	0.249	J	0.249	J	0.361	J	0.55		0.307	J	0.284	J
Cadmium, Total	7440-43-9	2.5	2.5	7.5	mg/kg	0.104	J	0.819	U	0.169	J	0.163	J	0.273	J	0.091	J
Calcium, Total	7440-70-2	NS	NS	NS	mg/kg	23000		32600		3820		1160		5220		3490	
Chromium, Total	7440-47-3	30	110	19	mg/kg	6.58		65.1		9.51		12.5		22.9		8.14	
Cobalt, Total	7440-48-4	NS	NS	NS	mg/kg	3.99		8.64		5.69		5.02		12.6		8.4	
Copper, Total	7440-50-8	50	280	1720	mg/kg	17		46.7		16.2		24.5		92.8		72.1	
Iron, Total	7439-89-6	NS	NS	NS	mg/kg	10200		15800		16300		20400		21500		18200	
Lead, Total	7439-92-1	63	400	450	mg/kg	30.4		22.8		4.32	J	11.5		152		10.4	
Magnesium, Total	7439-95-4	NS	NS	NS	mg/kg	3160		8380		4980		2970		9000		8100	
Manganese, Total	7439-96-5	1600	2000	2000	mg/kg	195		356		230		197		367		218	
Mercury, Total	7439-97-6	0.18	0.3	0.73	mg/kg	0.33		0.206		0.077	U	0.237		3.9		0.079	J
Nickel, Total	7440-02-0	30	320	130	mg/kg	6.94		25		7.65		12.2		13.8		6.92	
Potassium, Total	7440-09-7	NS	NS	NS	mg/kg	1090		2530		1390		678		5610		2670	
Selenium, Total	7782-49-2	3.9	110	4	mg/kg	1.71	U	1.64	U	0.294	J	1.79	U	1.64	U	1.75	U
Silver, Total	7440-22-4	2	110	8.3	mg/kg	0.427	U	0.409	U	0.438	U	0.447	U	0.411	U	0.437	U
Sodium, Total	7440-23-5	NS	NS	NS	mg/kg	117	J	250		204		97.4	J	318		712	
Thallium, Total	7440-28-0	NS	NS	NS	mg/kg	1.71	U	1.64	U	1.75	U	1.79	U	0.951	J	1.75	U
Vanadium, Total	7440-62-2	NS	NS	NS	mg/kg	12.9		29.4		22.4		25.7		44		38.9	
Zinc, Total	7440-66-6	109	6600	2480	mg/kg	47.5		34.5		31.7		44.6		115		35.7	

Notes:

J - Indicates estimated value for TICs and all results when detected below the RL

mg/kg - milligrams per kilogram

U - Analyte Not Detected

NS - No Standard

~ - Not Analyzed

NY-UUSCO: NY - New York NYCRR Part 375 Unrestricted Use Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-POTGWSCO: NY - New York NYCRR Part 375 Protection to Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

NY-RRSCO: NY - New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 31, 2025

* The SCOs for 'Total Chromium' were dervied from the higher of the SCO values for Trivalent Chromium and Hexavalent Chromium for each scenario under the NYCRR Part 375 SCOs.

RL - Reporting Limit

Concentration/RL Exceeds NY-UUSCO

Concentration/RL Exceeds NY-RRSCO

Concentration/RL Exceeds NY-POTGWSCO

Table 3.3
Groundwater Analytical Results

		SAMPLE ID:	TW-1				TW-1				TW-2			
		LAB ID:	L2475113-05				L2475113-05 R1				L2475113-06			
		COLLECTION DATE:	12/19/2024				12/19/2024				12/19/2024			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NOCRIT												
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS														
Methylene chloride	75-09-2		ND		2.5	0.7	-	-	-	-	-	-	-	-
1,1-Dichloroethane	75-34-3		ND		2.5	0.7	-	-	-	-	-	-	-	-
Chloroform	67-66-3		ND		2.5	0.7	-	-	-	-	-	-	-	-
Carbon tetrachloride	56-23-5		ND		0.5	0.13	-	-	-	-	-	-	-	-
1,2-Dichloropropane	78-87-5		ND		1	0.14	-	-	-	-	-	-	-	-
Dibromochloromethane	124-48-1		ND		0.5	0.15	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	79-00-5		ND		1.5	0.5	-	-	-	-	-	-	-	-
Tetrachloroethene	127-18-4		ND		0.5	0.18	-	-	-	-	-	-	-	-
Chlorobenzene	108-90-7		ND		2.5	0.7	-	-	-	-	-	-	-	-
Trichlorofluoromethane	75-69-4		ND		2.5	0.7	-	-	-	-	-	-	-	-
1,2-Dichloroethane	107-06-2		ND		0.5	0.13	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	71-55-6		ND		2.5	0.7	-	-	-	-	-	-	-	-
Bromodichloromethane	75-27-4		ND		0.5	0.19	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6		ND		0.5	0.16	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5		ND		0.5	0.14	-	-	-	-	-	-	-	-
1,3-Dichloropropene, Total	542-75-6		ND		0.5	0.14	-	-	-	-	-	-	-	-
1,1-Dichloropropene	563-58-6		ND		2.5	0.7	-	-	-	-	-	-	-	-
Bromoform	75-25-2		ND		2	0.65	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	79-34-5		ND		0.5	0.17	-	-	-	-	-	-	-	-
Benzene	71-43-2		ND		0.5	0.16	-	-	-	-	-	-	-	-
Toluene	108-88-3		ND		2.5	0.7	-	-	-	-	-	-	-	-
Ethylbenzene	100-41-4		ND		2.5	0.7	-	-	-	-	-	-	-	-
Chloromethane	74-87-3		ND		2.5	0.7	-	-	-	-	-	-	-	-
Bromomethane	74-83-9		ND		2.5	0.7	-	-	-	-	-	-	-	-
Vinyl chloride	75-01-4		ND		1	0.07	-	-	-	-	-	-	-	-
Chloroethane	75-00-3		ND		2.5	0.7	-	-	-	-	-	-	-	-
1,1-Dichloroethene	75-35-4		ND		0.5	0.17	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	156-60-5		ND		2.5	0.7	-	-	-	-	-	-	-	-
Trichloroethene	79-01-6		ND		0.5	0.18	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	95-50-1		ND		2.5	0.7	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	541-73-1		ND		2.5	0.7	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	106-46-7		ND		2.5	0.7	-	-	-	-	-	-	-	-
Methyl tert butyl ether	1634-04-4		ND		2.5	0.17	-	-	-	-	-	-	-	-
p/m-Xylene	179601-23-1		ND		2.5	0.7	-	-	-	-	-	-	-	-
o-Xylene	95-47-6		ND		2.5	0.7	-	-	-	-	-	-	-	-
Xylenes, Total	1330-20-7		ND		2.5	0.7	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	156-59-2		ND		2.5	0.7	-	-	-	-	-	-	-	-
1,2-Dichloroethene, Total	540-59-0		ND		2.5	0.7	-	-	-	-	-	-	-	-
Dibromomethane	74-95-3		ND		5	1	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	96-18-4		ND		2.5	0.7	-	-	-	-	-	-	-	-
Acrylonitrile	107-13-1		ND		5	1.5	-	-	-	-	-	-	-	-
Styrene	100-42-5		ND		2.5	0.7	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	75-71-8		ND		5	1	-	-	-	-	-	-	-	-
Acetone	67-64-1		6.6		5	1.5	-	-	-	-	-	-	-	-
Carbon disulfide	75-15-0		ND		5	1	-	-	-	-	-	-	-	-
2-Butanone	78-93-3		2.9	J	5	1.9	-	-	-	-	-	-	-	-
Vinyl acetate	108-05-4		ND		5	1	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	108-10-1		ND		5	1	-	-	-	-	-	-	-	-
2-Hexanone	591-78-6		ND		5	1	-	-	-	-	-	-	-	-

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

Table 3.3
Groundwater Analytical Results

		SAMPLE ID:	TW-1				TW-1				TW-2			
		LAB ID:	L2475113-05				L2475113-05 R1				L2475113-06			
		COLLECTION DATE:	12/19/2024				12/19/2024				12/19/2024			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NOCRIT												
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Bromochloromethane	74-97-5		ND		2.5	0.7	-	-	-	-	-	-	-	-
2,2-Dichloropropane	594-20-7		ND		2.5	0.7	-	-	-	-	-	-	-	-
1,2-Dibromoethane	106-93-4		ND		2	0.65	-	-	-	-	-	-	-	-
1,3-Dichloropropane	142-28-9		ND		2.5	0.7	-	-	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane	630-20-6		ND		2.5	0.7	-	-	-	-	-	-	-	-
Bromobenzene	108-86-1		ND		2.5	0.7	-	-	-	-	-	-	-	-
n-Butylbenzene	104-51-8		ND		2.5	0.7	-	-	-	-	-	-	-	-
sec-Butylbenzene	135-98-8		ND		2.5	0.7	-	-	-	-	-	-	-	-
tert-Butylbenzene	98-06-6		ND		2.5	0.7	-	-	-	-	-	-	-	-
o-Chlorotoluene	95-49-8		ND		2.5	0.7	-	-	-	-	-	-	-	-
p-Chlorotoluene	106-43-4		ND		2.5	0.7	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane	96-12-8		ND		2.5	0.7	-	-	-	-	-	-	-	-
Hexachlorobutadiene	87-68-3		ND		2.5	0.7	-	-	-	-	-	-	-	-
Isopropylbenzene	98-82-8		ND		2.5	0.7	-	-	-	-	-	-	-	-
p-Isopropyltoluene	99-87-6		1.3	J	2.5	0.7	-	-	-	-	-	-	-	-
Naphthalene	91-20-3		ND		2.5	0.7	-	-	-	-	-	-	-	-
n-Propylbenzene	103-65-1		ND		2.5	0.7	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	87-61-6		ND		2.5	0.7	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1		ND		2.5	0.7	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	108-67-8		ND		2.5	0.7	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	95-63-6		ND		2.5	0.7	-	-	-	-	-	-	-	-
1,4-Dioxane	123-91-1		ND		250	61	-	-	-	-	-	-	-	-
p-Diethylbenzene	105-05-5		ND		2	0.7	-	-	-	-	-	-	-	-
p-Ethyltoluene	622-96-8		ND		2	0.7	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene	95-93-2		ND		2	0.54	-	-	-	-	-	-	-	-
Ethyl ether	60-29-7		ND		2.5	0.7	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	110-57-6		ND		2.5	0.7	-	-	-	-	-	-	-	-
Total VOCs			10.8	-	-	-	-	-	-	-	-	-	-	
VOLATILE ORGANICS BY GC/MS-TIC														
Unknown			41	J	0	0	-	-	-	-	-	-	-	-
Unknown			76	J	0	0	-	-	-	-	-	-	-	-
Unknown			38.4	J	0	0	-	-	-	-	-	-	-	-
Unknown			31.7	J	0	0	-	-	-	-	-	-	-	-
Unknown			17.6	J	0	0	-	-	-	-	-	-	-	-
Unknown			3.78	J	0	0	-	-	-	-	-	-	-	-
Unknown			7.2	J	0	0	-	-	-	-	-	-	-	-
Unknown			42.4	J	0	0	-	-	-	-	-	-	-	-
Unknown			34.6	J	0	0	-	-	-	-	-	-	-	-
Unknown			7.23	J	0	0	-	-	-	-	-	-	-	-
Total TIC Compounds			300	J	0	0	-	-	-	-	-	-	-	-
PERFLUORINATED ALKYL ACIDS BY EPA 1633														
Perfluorobutanoic Acid (PFBA)	375-22-4		-		-	-	-		-	-	0.00923		0.00639	0.000527
Perfluoropentanoic Acid (PFPeA)	2706-90-3		-		-	-	-		-	-	0.00684		0.0032	0.000359
Perfluorobutanesulfonic Acid (PFBS)	375-73-5		-		-	-	-		-	-	0.003		0.0016	0.000399
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2	757124-72-4		-		-	-	-		-	-	ND		0.00639	0.000911
Perfluorohexanoic Acid (PFHxA)	307-24-4		-		-	-	-		-	-	0.00655		0.0016	0.000248
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4		-		-	-	-		-	-	0.000703	JF	0.0016	0.000208
Perfluoroheptanoic Acid (PFHpA)	375-85-9		-		-	-	-		-	-	0.00307		0.0016	0.00024
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4		-		-	-	-		-	-	0.0214		0.0016	0.000136
Perfluorooctanoic Acid (PFOA)	335-67-1		-		-	-	-		-	-	0.0113		0.0016	0.000264
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2	27619-97-2		-		-	-	-		-	-	ND		0.00639	0.00481

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

Table 3.3
Groundwater Analytical Results

		SAMPLE ID:	TW-1				TW-1				TW-2			
		LAB ID:	L2475113-05				L2475113-05 R1				L2475113-06			
		COLLECTION DATE:	12/19/2024				12/19/2024				12/19/2024			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NOCRIT												
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8		-		-	-	-		-	-	0.00119	J	0.0016	0.0002
Perfluorononanoic Acid (PFNA)	375-95-1		-		-	-	-		-	-	0.00156	J	0.0016	0.000264
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1		-		-	-	-		-	-	0.0416		0.0016	0.000264
Perfluorodecanoic Acid (PFDA)	335-76-2		-		-	-	-		-	-	0.00127	J	0.0016	0.000208
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4		-		-	-	-		-	-	ND		0.00639	0.00122
Perfluorononanesulfonic Acid (PFNS)	68259-12-1		-		-	-	-		-	-	ND		0.0016	0.0002
N-Methyl Perfluorooctanesulfonamidoacetic Aci	2355-31-9		-		-	-	-		-	-	ND		0.0016	0.000479
Perfluoroundecanoic Acid (PFUnA)	2058-94-8		-		-	-	-		-	-	ND		0.0016	0.000176
Perfluorodecanesulfonic Acid (PFDS)	335-77-3		-		-	-	-		-	-	ND		0.0016	0.000136
Perfluorooctanesulfonamide (PFOSA)	754-91-6		-		-	-	-		-	-	0.0012	J	0.0016	0.000096
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	2991-50-6		-		-	-	-		-	-	ND		0.0016	0.000479
Perfluorododecanoic Acid (PFDoA)	307-55-1		-		-	-	-		-	-	ND		0.0016	0.000216
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8		-		-	-	-		-	-	ND		0.0016	0.000184
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7		-		-	-	-		-	-	ND		0.0016	0.00016
Hexafluoropropylene Oxide Dimer Acid (HFPO-I	13252-13-6		-		-	-	-		-	-	ND		0.00639	0.0016
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	919005-14-4		-		-	-	-		-	-	ND		0.00639	0.000375
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5		-		-	-	-		-	-	ND		0.0016	0.00024
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic A	756426-58-1		-		-	-	-		-	-	ND		0.00639	0.000439
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfon	763051-92-9		-		-	-	-		-	-	ND		0.00639	0.000447
N-Methyl Perfluorooctane Sulfonamide (NMeFO	31506-32-8		-		-	-	-		-	-	ND		0.0016	0.000224
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA	4151-50-2		-		-	-	-		-	-	ND		0.0016	0.000351
N-Methyl Perfluorooctanesulfonamido Ethanol (	24448-09-7		-		-	-	-		-	-	ND		0.016	0.0013
N-Ethyl Perfluorooctanesulfonamido Ethanol (N	1691-99-2		-		-	-	-		-	-	ND		0.016	0.0011
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1		-		-	-	-		-	-	ND		0.0032	0.000248
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5		-		-	-	-		-	-	ND		0.0032	0.000359
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEES	113507-82-7		-		-	-	-		-	-	ND		0.0032	0.000328
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6		-		-	-	-		-	-	ND		0.0032	0.000543
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5		-		-	-	-		-	-	ND		0.00799	0.000535
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3		-		-	-	-		-	-	ND		0.0399	0.00425
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4		-		-	-	-		-	-	ND		0.0399	0.00318
SEMIVOLATILE ORGANICS BY GC/MS														
1,2,4-Trichlorobenzene	120-82-1		ND		5	0.98	-		-	-	-		-	-
Bis(2-chloroethyl)ether	111-44-4		ND		2	0.39	-		-	-	-		-	-
1,2-Dichlorobenzene	95-50-1		ND		2	0.33	-		-	-	-		-	-
1,3-Dichlorobenzene	541-73-1		ND		2	0.32	-		-	-	-		-	-
1,4-Dichlorobenzene	106-46-7		ND		2	0.39	-		-	-	-		-	-
3,3'-Dichlorobenzidine	91-94-1		ND		5	1.8	-		-	-	-		-	-
2,4-Dinitrotoluene	121-14-2		ND		5	0.54	-		-	-	-		-	-
2,6-Dinitrotoluene	606-20-2		ND		5	0.84	-		-	-	-		-	-
4-Chlorophenyl phenyl ether	7005-72-3		ND		2	0.39	-		-	-	-		-	-
4-Bromophenyl phenyl ether	101-55-3		ND		2	0.24	-		-	-	-		-	-
Bis(2-chloroisopropyl)ether	108-60-1		ND		2	0.4	-		-	-	-		-	-
Bis(2-chloroethoxy)methane	111-91-1		ND		5	0.84	-		-	-	-		-	-
Hexachlorocyclopentadiene	77-47-4		ND		20	1.2	-		-	-	-		-	-
Isophorone	78-59-1		ND		5	0.86	-		-	-	-		-	-
Nitrobenzene	98-95-3		ND		2	0.2	-		-	-	-		-	-
NDPA/DPA	86-30-6		ND		2	0.92	-		-	-	-		-	-
n-Nitrosodi-n-propylamine	621-64-7		ND		5	0.91	-		-	-	-		-	-
Bis(2-ethylhexyl)phthalate	117-81-7		3.1		3	1.4	-		-	-	-		-	-
Butyl benzyl phthalate	85-68-7		ND		5	2.6	-		-	-	-		-	-
Di-n-butylphthalate	84-74-2		ND		5	0.96	-		-	-	-		-	-

Table 3.3
Groundwater Analytical Results

		SAMPLE ID:	TW-1				TW-1				TW-2			
		LAB ID:	L2475113-05				L2475113-05 R1				L2475113-06			
		COLLECTION DATE:	12/19/2024				12/19/2024				12/19/2024			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NOCRIT												
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Di-n-octylphthalate	117-84-0		ND		5	2.3	-		-	-	-	-	-	-
Diethyl phthalate	84-66-2		ND		5	0.76	-		-	-	-	-	-	-
Dimethyl phthalate	131-11-3		ND		5	0.92	-		-	-	-	-	-	-
Biphenyl	92-52-4		ND		2	0.2	-		-	-	-	-	-	-
4-Chloroaniline	106-47-8		ND		5	0.47	-		-	-	-	-	-	-
2-Nitroaniline	88-74-4		ND		5	1	-		-	-	-	-	-	-
3-Nitroaniline	99-09-2		ND		5	1.2	-		-	-	-	-	-	-
4-Nitroaniline	100-01-6		ND		5	1.4	-		-	-	-	-	-	-
Dibenzofuran	132-64-9		ND		2	0.4	-		-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene	95-94-3		ND		10	0.24	-		-	-	-	-	-	-
Acetophenone	98-86-2		ND		5	0.92	-		-	-	-	-	-	-
2,4,6-Trichlorophenol	88-06-2		ND		5	2.1	-		-	-	-	-	-	-
p-Chloro-m-cresol	59-50-7		ND		2	0.61	-		-	-	-	-	-	-
2-Chlorophenol	95-57-8		ND		2	0.65	-		-	-	-	-	-	-
2,4-Dichlorophenol	120-83-2		ND		5	1.7	-		-	-	-	-	-	-
2,4-Dimethylphenol	105-67-9		ND		5	2	-		-	-	-	-	-	-
2-Nitrophenol	88-75-5		ND		10	2	-		-	-	-	-	-	-
4-Nitrophenol	100-02-7		ND		10	1.4	-		-	-	-	-	-	-
2,4-Dinitrophenol	51-28-5		ND		20	5.4	-		-	-	-	-	-	-
4,6-Dinitro-o-cresol	534-52-1		ND		10	2.3	-		-	-	-	-	-	-
Phenol	108-95-2		ND		5	0.35	-		-	-	-	-	-	-
2-Methylphenol	95-48-7		ND		5	2.3	-		-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ND		5	1.4	-		-	-	-	-	-	-
2,4,5-Trichlorophenol	95-95-4		ND		5	2.1	-		-	-	-	-	-	-
Benzoic Acid	65-85-0		ND		50	2.6	-		-	-	-	-	-	-
Benzyl Alcohol	100-51-6		ND		2	0.38	-		-	-	-	-	-	-
Carbazole	86-74-8		ND		2	0.31	-		-	-	-	-	-	-
Total SVOCs			3.1	-	-	-	-	-	-	-	-	-	-	
SEMIVOLATILE ORGANICS BY GC/MS-SIM														
Acenaphthene	83-32-9		ND		0.1	0.02	-		-	-	-	-	-	-
2-Chloronaphthalene	91-58-7		ND		0.2	0.02	-		-	-	-	-	-	-
Fluoranthene	206-44-0		0.13		0.1	0.03	-		-	-	-	-	-	-
Hexachlorobutadiene	87-68-3		ND		0.5	0.02	-		-	-	-	-	-	-
Naphthalene	91-20-3		0.07	J	0.1	0.02	-	-	-	-	-	-	-	-
Benzo(a)anthracene	56-55-3		0.1		0.1	0.03	-		-	-	-	-	-	-
Benzo(a)pyrene	50-32-8		0.07	J	0.1	0.02	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	205-99-2		0.13		0.1	0.03	-		-	-	-	-	-	-
Benzo(k)fluoranthene	207-08-9		0.04	J	0.1	0.03	-	-	-	-	-	-	-	-
Chrysene	218-01-9		0.08	J	0.1	0.03	-	-	-	-	-	-	-	-
Acenaphthylene	208-96-8		0.03	J	0.1	0.02	-	-	-	-	-	-	-	-
Anthracene	120-12-7		ND		0.1	0.02	-		-	-	-	-	-	-
Benzo(ghi)perylene	191-24-2		0.07	J	0.1	0.02	-	-	-	-	-	-	-	-
Fluorene	86-73-7		ND		0.1	0.03	-		-	-	-	-	-	-
Phenanthrene	85-01-8		0.09	J	0.1	0.04	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	53-70-3		ND		0.1	0.02	-		-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	193-39-5		0.06	J	0.1	0.02	-	-	-	-	-	-	-	-
Pyrene	129-00-0		0.15		0.1	0.04	-		-	-	-	-	-	-
2-Methylnaphthalene	91-57-6		0.04	J	0.1	0.03	-	-	-	-	-	-	-	-
Pentachlorophenol	87-86-5		ND		0.8	0.06	-		-	-	-	-	-	-
Hexachlorobenzene	118-74-1		ND		0.8	0.01	-		-	-	-	-	-	-
Hexachloroethane	67-72-1		ND		0.8	0.02	-		-	-	-	-	-	-

Table 3.3
Groundwater Analytical Results

		SAMPLE ID:	TW-1				TW-1				TW-2			
		LAB ID:	L2475113-05				L2475113-05 R1				L2475113-06			
		COLLECTION DATE:	12/19/2024				12/19/2024				12/19/2024			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NOCRIT												
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Total SVOCs			1.06	-	-	-	-	-	-	-	-	-	-	
SEMIVOLATILE ORGANICS BY GC/MS-TIC														
Unknown			8.1	J	0	0	-	-	-	-	-	-	-	-
Unknown			8.6	J	0	0	-	-	-	-	-	-	-	-
Unknown			16.5	J	0	0	-	-	-	-	-	-	-	-
Unknown			9.7	J	0	0	-	-	-	-	-	-	-	-
Unknown			4.7	J	0	0	-	-	-	-	-	-	-	-
Unknown			21.2	J	0	0	-	-	-	-	-	-	-	-
Unknown			83.3	J	0	0	-	-	-	-	-	-	-	-
Unknown			52	J	0	0	-	-	-	-	-	-	-	-
Unknown			7.5	J	0	0	-	-	-	-	-	-	-	-
Unknown			7	J	0	0	-	-	-	-	-	-	-	-
Unknown			5	J	0	0	-	-	-	-	-	-	-	-
Unknown			7.2	J	0	0	-	-	-	-	-	-	-	-
Unknown Alcohol			27.8	J	0	0	-	-	-	-	-	-	-	-
Unknown			5.1	J	0	0	-	-	-	-	-	-	-	-
Unknown			5	J	0	0	-	-	-	-	-	-	-	-
Total TIC Compounds			269	J	0	0	-	-	-	-	-	-	-	-
ORGANOCHLORINE PESTICIDES BY GC														
Delta-BHC	319-86-8		ND		0.014	0.003	ND		0.014	0.003	-	-	-	-
Lindane	58-89-9		ND		0.014	0.003	ND		0.014	0.003	-	-	-	-
Alpha-BHC	319-84-6		ND		0.014	0.003	ND		0.014	0.003	-	-	-	-
Beta-BHC	319-85-7		ND		0.014	0.004	ND		0.014	0.004	-	-	-	-
Heptachlor	76-44-8		ND		0.014	0.002	ND		0.014	0.002	-	-	-	-
Aldrin	309-00-2		ND		0.014	0.002	ND		0.014	0.002	-	-	-	-
Heptachlor epoxide	1024-57-3		ND		0.014	0.003	ND		0.014	0.003	-	-	-	-
Endrin	72-20-8		ND		0.029	0.003	ND		0.029	0.003	-	-	-	-
Endrin aldehyde	7421-93-4		ND		0.029	0.006	ND		0.029	0.006	-	-	-	-
Endrin ketone	53494-70-5		ND		0.029	0.003	ND		0.029	0.003	-	-	-	-
Dieldrin	60-57-1		ND		0.029	0.003	ND		0.029	0.003	-	-	-	-
4,4'-DDE	72-55-9		0.038		0.029	0.003	0.017	J	0.029	0.003	-	-	-	-
4,4'-DDD	72-54-8		0.019	JIP	0.029	0.003	0.006	JIP	0.029	0.003	-	-	-	-
4,4'-DDT	50-29-3		ND		0.029	0.003	ND		0.029	0.003	-	-	-	-
Endosulfan I	959-98-8		ND		0.014	0.002	ND		0.014	0.002	-	-	-	-
Endosulfan II	33213-65-9		ND		0.029	0.004	ND		0.029	0.004	-	-	-	-
Endosulfan sulfate	1031-07-8		ND		0.029	0.003	ND		0.029	0.003	-	-	-	-
Methoxychlor	72-43-5		ND		0.143	0.005	ND		0.143	0.005	-	-	-	-
Toxaphene	8001-35-2		ND		0.143	0.045	ND		0.143	0.045	-	-	-	-
cis-Chlordane	5103-71-9		ND		0.014	0.005	ND		0.014	0.005	-	-	-	-
trans-Chlordane	5103-74-2		ND		0.014	0.004	ND		0.014	0.004	-	-	-	-
Chlordane	57-74-9		ND		0.143	0.033	ND		0.143	0.033	-	-	-	-
POLYCHLORINATED BIPHENYLS BY GC														
Aroclor 1016	12674-11-2		ND		0.071	0.061	-	-	-	-	-	-	-	-
Aroclor 1221	11104-28-2		ND		0.071	0.061	-	-	-	-	-	-	-	-
Aroclor 1232	11141-16-5		ND		0.071	0.061	-	-	-	-	-	-	-	-
Aroclor 1242	53469-21-9		ND		0.071	0.061	-	-	-	-	-	-	-	-
Aroclor 1248	12672-29-6		ND		0.071	0.061	-	-	-	-	-	-	-	-
Aroclor 1254	11097-69-1		ND		0.071	0.061	-	-	-	-	-	-	-	-
Aroclor 1260	11096-82-5		ND		0.071	0.061	-	-	-	-	-	-	-	-
Aroclor 1262	37324-23-5		ND		0.071	0.061	-	-	-	-	-	-	-	-
Aroclor 1268	11100-14-4		ND		0.071	0.061	-	-	-	-	-	-	-	-

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

Table 3.3
Groundwater Analytical Results

		SAMPLE ID:	TW-1				TW-1				TW-2			
		LAB ID:	L2475113-05				L2475113-05 R1				L2475113-06			
		COLLECTION DATE:	12/19/2024				12/19/2024				12/19/2024			
		SAMPLE DEPTH:												
		SAMPLE MATRIX:	WATER				WATER				WATER			
		NOCRIT												
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
PCBs, Total	1336-36-3		ND		0.071	0.061	-	-	-	-	-	-	-	-
TOTAL METALS														
Aluminum, Total	7429-90-5		3000		10	3.27	-	-	-	-	-	-	-	-
Antimony, Total	7440-36-0		2.35	J	4	0.42	-	-	-	-	-	-	-	-
Arsenic, Total	7440-38-2		14.44		0.5	0.16	-	-	-	-	-	-	-	-
Barium, Total	7440-39-3		139.9		0.5	0.17	-	-	-	-	-	-	-	-
Beryllium, Total	7440-41-7		0.25	J	0.5	0.1	-	-	-	-	-	-	-	-
Cadmium, Total	7440-43-9		0.43		0.2	0.05	-	-	-	-	-	-	-	-
Calcium, Total	7440-70-2		178000		100	39.4	-	-	-	-	-	-	-	-
Chromium, Total	7440-47-3		16.67		1	0.17	-	-	-	-	-	-	-	-
Cobalt, Total	7440-48-4		2.86		0.5	0.16	-	-	-	-	-	-	-	-
Copper, Total	7440-50-8		52		1	0.38	-	-	-	-	-	-	-	-
Iron, Total	7439-89-6		7430		50	19.1	-	-	-	-	-	-	-	-
Lead, Total	7439-92-1		142.9		1	0.34	-	-	-	-	-	-	-	-
Magnesium, Total	7439-95-4		42500		70	24.2	-	-	-	-	-	-	-	-
Manganese, Total	7439-96-5		222.8		1	0.44	-	-	-	-	-	-	-	-
Mercury, Total	7439-97-6		0.19	J	0.2	0.09	-	-	-	-	-	-	-	-
Nickel, Total	7440-02-0		6.41		2	0.55	-	-	-	-	-	-	-	-
Potassium, Total	7440-09-7		5140		100	30.9	-	-	-	-	-	-	-	-
Selenium, Total	7782-49-2		39.8		5	1.73	-	-	-	-	-	-	-	-
Silver, Total	7440-22-4		0.29	J	0.4	0.16	-	-	-	-	-	-	-	-
Sodium, Total	7440-23-5		174000		500	29.3	-	-	-	-	-	-	-	-
Thallium, Total	7440-28-0		0.59	J	1	0.14	-	-	-	-	-	-	-	-
Vanadium, Total	7440-62-2		11.64		5	1.57	-	-	-	-	-	-	-	-
Zinc, Total	7440-66-6		120.3		10	3.41	-	-	-	-	-	-	-	-
GENERAL CHEMISTRY														
Cyanide, Total	57-12-5		ND		5	1	-	-	-	-	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.

NOCRIT: No Criteria Report -

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

Table 3.3
Groundwater Analytical Results

		SAMPLE ID:	TW-2				TW-3			
		LAB ID:	L2475472-06				L2475472-07			
		COLLECTION DATE:	12/20/2024				12/20/2024			
		SAMPLE DEPTH:								
		SAMPLE MATRIX:	WATER				WATER			
		NY-AWQS								
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS										
Methylene chloride	75-09-2	5	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethane	75-34-3	5	ND		2.5	0.7	ND		2.5	0.7
Chloroform	67-66-3	7	ND		2.5	0.7	ND		2.5	0.7
Carbon tetrachloride	56-23-5	5	ND		0.5	0.13	ND		0.5	0.13
1,2-Dichloropropane	78-87-5	1	ND		1	0.14	ND		1	0.14
Dibromochloromethane	124-48-1	50	ND		0.5	0.15	ND		0.5	0.15
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.5	ND		1.5	0.5
Tetrachloroethene	127-18-4	5	ND		0.5	0.18	ND		0.5	0.18
Chlorobenzene	108-90-7	5	ND		2.5	0.7	ND		2.5	0.7
Trichlorofluoromethane	75-69-4	5	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethane	107-06-2	0.6	ND		0.5	0.13	ND		0.5	0.13
1,1,1-Trichloroethane	71-55-6	5	ND		2.5	0.7	ND		2.5	0.7
Bromodichloromethane	75-27-4	50	ND		0.5	0.19	ND		0.5	0.19
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		0.5	0.16	ND		0.5	0.16
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		0.5	0.14	ND		0.5	0.14
1,3-Dichloropropene, Total	542-75-6		ND		0.5	0.14	ND		0.5	0.14
1,1-Dichloropropene	563-58-6	5	ND		2.5	0.7	ND		2.5	0.7
Bromoform	75-25-2	50	ND		2	0.65	ND		2	0.65
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		0.5	0.17	ND		0.5	0.17
Benzene	71-43-2	1	ND		0.5	0.16	ND		0.5	0.16
Toluene	108-88-3	5	ND		2.5	0.7	ND		2.5	0.7
Ethylbenzene	100-41-4	5	ND		2.5	0.7	ND		2.5	0.7
Chloromethane	74-87-3		ND		2.5	0.7	ND		2.5	0.7
Bromomethane	74-83-9	5	ND		2.5	0.7	ND		2.5	0.7
Vinyl chloride	75-01-4	2	ND		1	0.07	ND		1	0.07
Chloroethane	75-00-3	5	ND		2.5	0.7	ND		2.5	0.7
1,1-Dichloroethene	75-35-4	5	ND		0.5	0.17	ND		0.5	0.17
trans-1,2-Dichloroethene	156-60-5	5	ND		2.5	0.7	ND		2.5	0.7
Trichloroethene	79-01-6	5	ND		0.5	0.18	ND		0.5	0.18
1,2-Dichlorobenzene	95-50-1	3	ND		2.5	0.7	ND		2.5	0.7
1,3-Dichlorobenzene	541-73-1	3	ND		2.5	0.7	ND		2.5	0.7
1,4-Dichlorobenzene	106-46-7	3	ND		2.5	0.7	ND		2.5	0.7
Methyl tert butyl ether	1634-04-4	10	ND		2.5	0.17	ND		2.5	0.17
p/m-Xylene	179601-23-1	5	ND		2.5	0.7	ND		2.5	0.7
o-Xylene	95-47-6	5	ND		2.5	0.7	ND		2.5	0.7
Xylenes, Total	1330-20-7		ND		2.5	0.7	ND		2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5	ND		2.5	0.7	ND		2.5	0.7
1,2-Dichloroethene, Total	540-59-0		ND		2.5	0.7	ND		2.5	0.7
Dibromomethane	74-95-3	5	ND		5	1	ND		5	1
1,2,3-Trichloropropane	96-18-4	0.04	ND		2.5	0.7	ND		2.5	0.7
Acrylonitrile	107-13-1	5	ND		5	1.5	ND		5	1.5
Styrene	100-42-5	5	ND		2.5	0.7	ND		2.5	0.7
Dichlorodifluoromethane	75-71-8	5	ND		5	1	ND		5	1
Acetone	67-64-1	50	3.7	J	5	1.5	3.7	J	5	1.5
Carbon disulfide	75-15-0	60	ND		5	1	ND		5	1
2-Butanone	78-93-3	50	2	J	5	1.9	2.1	J	5	1.9
Vinyl acetate	108-05-4		ND		5	1	ND		5	1
4-Methyl-2-pentanone	108-10-1		ND		5	1	ND		5	1
2-Hexanone	591-78-6	50	ND		5	1	ND		5	1

Table 3.3
Groundwater Analytical Results

		SAMPLE ID:	TW-2				TW-3			
		LAB ID:	L2475472-06				L2475472-07			
		COLLECTION DATE:	12/20/2024				12/20/2024			
		SAMPLE DEPTH:								
		SAMPLE MATRIX:	WATER				WATER			
		NY-AWQS								
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Bromochloromethane	74-97-5	5	ND		2.5	0.7	ND		2.5	0.7
2,2-Dichloropropane	594-20-7	5	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromoethane	106-93-4	0.0006	ND		2	0.65	ND		2	0.65
1,3-Dichloropropane	142-28-9	5	ND		2.5	0.7	ND		2.5	0.7
1,1,1,2-Tetrachloroethane	630-20-6	5	ND		2.5	0.7	ND		2.5	0.7
Bromobenzene	108-86-1	5	ND		2.5	0.7	ND		2.5	0.7
n-Butylbenzene	104-51-8	5	2.2	J	2.5	0.7	ND		2.5	0.7
sec-Butylbenzene	135-98-8	5	1.4	J	2.5	0.7	ND		2.5	0.7
tert-Butylbenzene	98-06-6	5	ND		2.5	0.7	ND		2.5	0.7
o-Chlorotoluene	95-49-8	5	ND		2.5	0.7	ND		2.5	0.7
p-Chlorotoluene	106-43-4	5	ND		2.5	0.7	ND		2.5	0.7
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ND		2.5	0.7	ND		2.5	0.7
Hexachlorobutadiene	87-68-3	0.5	ND		2.5	0.7	ND		2.5	0.7
Isopropylbenzene	98-82-8	5	ND		2.5	0.7	ND		2.5	0.7
p-Isopropyltoluene	99-87-6	5	ND		2.5	0.7	ND		2.5	0.7
Naphthalene	91-20-3	10	1.2	J	2.5	0.7	ND		2.5	0.7
n-Propylbenzene	103-65-1	5	1.4	J	2.5	0.7	ND		2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trichlorobenzene	120-82-1	5	ND		2.5	0.7	ND		2.5	0.7
1,3,5-Trimethylbenzene	108-67-8	5	ND		2.5	0.7	ND		2.5	0.7
1,2,4-Trimethylbenzene	95-63-6	5	3.3		2.5	0.7	ND		2.5	0.7
1,4-Dioxane	123-91-1	0.35	ND		250	61	ND		250	61
p-Diethylbenzene	105-05-5		1.3	J	2	0.7	ND		2	0.7
p-Ethyltoluene	622-96-8		1.4	J	2	0.7	ND		2	0.7
1,2,4,5-Tetramethylbenzene	95-93-2	5	6.9		2	0.54	ND		2	0.54
Ethyl ether	60-29-7		ND		2.5	0.7	ND		2.5	0.7
trans-1,4-Dichloro-2-butene	110-57-6	5	ND		2.5	0.7	ND		2.5	0.7
Total VOCs			24.8	-	-	-	5.8	-	-	-
VOLATILE ORGANICS BY GC/MS-TIC										
No Tentatively Identified Compounds			-		-	-	ND		0	0
Unknown Aromatic			18.1	J	0	0	-	-	-	-
3-Phenylbut-1-ene	000934-10-1		12.3	NJ	0	0	-	-	-	-
Unknown			13.9	J	0	0	-	-	-	-
Benzene, 1-propenyl-	000637-50-3		10.3	NJ	0	0	-	-	-	-
Unknown Aromatic			15.5	J	0	0	-	-	-	-
Unknown Aromatic			16.7	J	0	0	-	-	-	-
Unknown Aromatic			11.9	J	0	0	-	-	-	-
Unknown Benzene			16.6	J	0	0	-	-	-	-
Unknown Aromatic			10.3	J	0	0	-	-	-	-
Unknown Naphthalene			10.2	J	0	0	-	-	-	-
Total TIC Compounds			136	J	0	0	-	-	-	-
PERFLUORINATED ALKYL ACIDS BY EPA 1633										
Perfluorobutanoic Acid (PFBA)	375-22-4		-		-	-	0.00734		0.00678	0.000559
Perfluoropentanoic Acid (PFPeA)	2706-90-3		-		-	-	0.0111		0.00339	0.000381
Perfluorobutanesulfonic Acid (PFBS)	375-73-5		-		-	-	0.0261		0.00169	0.000424
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2	757124-72-4		-		-	-	ND		0.00678	0.000966
Perfluorohexanoic Acid (PFHxA)	307-24-4		-		-	-	0.0113		0.00169	0.000262
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4		-		-	-	0.000466	J	0.00169	0.00022
Perfluoroheptanoic Acid (PFHpA)	375-85-9		-		-	-	0.0077		0.00169	0.000254
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4		-		-	-	0.00349		0.00169	0.000144
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0067	-		-	-	0.0369		0.00169	0.00028

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

Table 3.3
Groundwater Analytical Results

		SAMPLE ID:	TW-2				TW-3			
		LAB ID:	L2475472-06				L2475472-07			
		COLLECTION DATE:	12/20/2024				12/20/2024			
		SAMPLE DEPTH:								
		SAMPLE MATRIX:	WATER				WATER			
		NY-AWQS								
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2	27619-97-2		-		-	-	ND		0.00678	0.0051
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8		-		-	-	0.000661	J	0.00169	0.000212
Perfluorononanoic Acid (PFNA)	375-95-1		-		-	-	0.0032		0.00169	0.00028
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.0027	-		-	-	0.0941		0.00169	0.00028
Perfluorodecanoic Acid (PFDA)	335-76-2		-		-	-	0.00121	J	0.00169	0.00022
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4		-		-	-	ND		0.00678	0.0013
Perfluorononanesulfonic Acid (PFNS)	68259-12-1		-		-	-	ND		0.00169	0.000212
N-Methyl Perfluorooctanesulfonamidoacetic Aci	2355-31-9		-		-	-	ND		0.00169	0.000508
Perfluoroundecanoic Acid (PFUnA)	2058-94-8		-		-	-	ND		0.00169	0.000186
Perfluorodecanesulfonic Acid (PFDS)	335-77-3		-		-	-	ND		0.00169	0.000144
Perfluorooctanesulfonamide (PFOSA)	754-91-6		-		-	-	ND		0.00169	0.000102
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	2991-50-6		-		-	-	ND		0.00169	0.000508
Perfluorododecanoic Acid (PFDoA)	307-55-1		-		-	-	ND		0.00169	0.000229
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8		-		-	-	ND		0.00169	0.000195
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7		-		-	-	ND		0.00169	0.000169
Hexafluoropropylene Oxide Dimer Acid (HFPO-I	13252-13-6		-		-	-	ND		0.00678	0.00169
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	919005-14-4		-		-	-	ND		0.00678	0.000398
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5		-		-	-	ND		0.00169	0.000254
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic A	756426-58-1		-		-	-	ND		0.00678	0.000466
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfon	763051-92-9		-		-	-	ND		0.00678	0.000474
N-Methyl Perfluorooctane Sulfonamide (NMeFO	31506-32-8		-		-	-	ND		0.00169	0.000237
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA	4151-50-2		-		-	-	ND		0.00169	0.000373
N-Methyl Perfluorooctanesulfonamido Ethanol (	24448-09-7		-		-	-	ND		0.0169	0.00138
N-Ethyl Perfluorooctanesulfonamido Ethanol (N	1691-99-2		-		-	-	ND		0.0169	0.00117
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1		-		-	-	ND		0.00339	0.000262
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5		-		-	-	ND		0.00339	0.000381
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEES	113507-82-7		-		-	-	ND		0.00339	0.000347
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6		-		-	-	ND		0.00339	0.000576
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5		-		-	-	ND		0.00847	0.000568
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3		-		-	-	ND		0.0424	0.00451
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4		-		-	-	ND		0.0424	0.00337
SEMIVOLATILE ORGANICS BY GC/MS										
1,2,4-Trichlorobenzene	120-82-1	5	ND		5	0.98	ND		5	0.98
Bis(2-chloroethyl)ether	111-44-4	1	ND		2	0.39	ND		2	0.39
1,2-Dichlorobenzene	95-50-1	3	ND		2	0.33	ND		2	0.33
1,3-Dichlorobenzene	541-73-1	3	ND		2	0.32	ND		2	0.32
1,4-Dichlorobenzene	106-46-7	3	ND		2	0.39	ND		2	0.39
3,3'-Dichlorobenzidine	91-94-1	5	ND		5	1.8	ND		5	1.8
2,4-Dinitrotoluene	121-14-2	5	ND		5	0.54	ND		5	0.54
2,6-Dinitrotoluene	606-20-2	5	ND		5	0.84	ND		5	0.84
4-Chlorophenyl phenyl ether	7005-72-3		ND		2	0.39	ND		2	0.39
4-Bromophenyl phenyl ether	101-55-3		ND		2	0.24	ND		2	0.24
Bis(2-chloroisopropyl)ether	108-60-1	5	ND		2	0.4	ND		2	0.4
Bis(2-chloroethoxy)methane	111-91-1	5	ND		5	0.84	ND		5	0.84
Hexachlorocyclopentadiene	77-47-4	5	ND		20	1.2	ND		20	1.2
Isophorone	78-59-1	50	ND		5	0.86	ND		5	0.86
Nitrobenzene	98-95-3	0.4	ND		2	0.2	ND		2	0.2
NDPA/DPA	86-30-6	50	ND		2	0.92	ND		2	0.92
n-Nitrosodi-n-propylamine	621-64-7		ND		5	0.91	ND		5	0.91
Bis(2-ethylhexyl)phthalate	117-81-7	5	ND		3	1.4	ND		3	1.4
Butyl benzyl phthalate	85-68-7	50	ND		5	2.6	ND		5	2.6

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

Table 3.3
Groundwater Analytical Results

		SAMPLE ID:	TW-2				TW-3			
		LAB ID:	L2475472-06				L2475472-07			
		COLLECTION DATE:	12/20/2024				12/20/2024			
		SAMPLE DEPTH:								
		SAMPLE MATRIX:	WATER				WATER			
		NY-AWQS								
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Di-n-butylphthalate	84-74-2	50	ND		5	0.96	ND		5	0.96
Di-n-octylphthalate	117-84-0	50	ND		5	2.3	ND		5	2.3
Diethyl phthalate	84-66-2	50	ND		5	0.76	ND		5	0.76
Dimethyl phthalate	131-11-3	50	ND		5	0.92	ND		5	0.92
Biphenyl	92-52-4		ND		2	0.2	ND		2	0.2
4-Chloroaniline	106-47-8	5	ND		5	0.47	ND		5	0.47
2-Nitroaniline	88-74-4	5	ND		5	1	ND		5	1
3-Nitroaniline	99-09-2	5	ND		5	1.2	ND		5	1.2
4-Nitroaniline	100-01-6	5	ND		5	1.4	ND		5	1.4
Dibenzofuran	132-64-9		ND		2	0.4	ND		2	0.4
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ND		10	0.24	ND		10	0.24
Acetophenone	98-86-2		ND		5	0.92	ND		5	0.92
2,4,6-Trichlorophenol	88-06-2		ND		5	2.1	ND		5	2.1
p-Chloro-m-cresol	59-50-7		ND		2	0.61	ND		2	0.61
2-Chlorophenol	95-57-8		ND		2	0.65	ND		2	0.65
2,4-Dichlorophenol	120-83-2	1	ND		5	1.7	ND		5	1.7
2,4-Dimethylphenol	105-67-9	50	ND		5	2	ND		5	2
2-Nitrophenol	88-75-5		ND		10	2	ND		10	2
4-Nitrophenol	100-02-7		ND		10	1.4	ND		10	1.4
2,4-Dinitrophenol	51-28-5	10	ND		20	5.4	ND		20	5.4
4,6-Dinitro-o-cresol	534-52-1		ND		10	2.3	ND		10	2.3
Phenol	108-95-2	1	ND		5	0.35	ND		5	0.35
2-Methylphenol	95-48-7		ND		5	2.3	ND		5	2.3
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ND		5	1.4	ND		5	1.4
2,4,5-Trichlorophenol	95-95-4		ND		5	2.1	ND		5	2.1
Benzoic Acid	65-85-0		ND		50	2.6	ND		50	2.6
Benzyl Alcohol	100-51-6		ND		2	0.38	ND		2	0.38
Carbazole	86-74-8		ND		2	0.31	ND		2	0.31
Total SVOCs			-	-	-	-	-	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-SIM										
Acenaphthene	83-32-9	20	1.5		0.1	0.02	ND		0.1	0.02
2-Chloronaphthalene	91-58-7	10	ND		0.2	0.02	ND		0.2	0.02
Fluoranthene	206-44-0	50	0.38		0.1	0.03	ND		0.1	0.03
Hexachlorobutadiene	87-68-3	0.5	ND		0.5	0.02	ND		0.5	0.02
Naphthalene	91-20-3	10	0.37		0.1	0.02	0.06	J	0.1	0.02
Benzo(a)anthracene	56-55-3	0.002	0.14		0.1	0.03	ND		0.1	0.03
Benzo(a)pyrene	50-32-8	0	0.05	J	0.1	0.02	ND		0.1	0.02
Benzo(b)fluoranthene	205-99-2	0.002	0.06	J	0.1	0.03	0.07	J	0.1	0.03
Benzo(k)fluoranthene	207-08-9	0.002	0.03	J	0.1	0.03	0.08	J	0.1	0.03
Chrysene	218-01-9	0.002	0.18		0.1	0.03	ND		0.1	0.03
Acenaphthylene	208-96-8		0.15		0.1	0.02	ND		0.1	0.02
Anthracene	120-12-7	50	ND		0.1	0.02	ND		0.1	0.02
Benzo(ghi)perylene	191-24-2		0.05	J	0.1	0.02	0.09	J	0.1	0.02
Fluorene	86-73-7	50	1.2		0.1	0.03	ND		0.1	0.03
Phenanthrene	85-01-8	50	ND		0.1	0.04	ND		0.1	0.04
Dibenzo(a,h)anthracene	53-70-3		ND		0.1	0.02	0.11		0.1	0.02
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.04	J	0.1	0.02	0.1		0.1	0.02
Pyrene	129-00-0	50	1.8		0.1	0.04	ND		0.1	0.04
2-Methylnaphthalene	91-57-6		ND		0.1	0.03	0.04	J	0.1	0.03
Pentachlorophenol	87-86-5	1	0.3	J	0.8	0.06	ND		0.8	0.06
Hexachlorobenzene	118-74-1	0.04	ND		0.8	0.01	ND		0.8	0.01

Table 3.3
Groundwater Analytical Results

		SAMPLE ID:	TW-2				TW-3			
		LAB ID:	L2475472-06				L2475472-07			
		COLLECTION DATE:	12/20/2024				12/20/2024			
		SAMPLE DEPTH:								
		SAMPLE MATRIX:	WATER				WATER			
		NY-AWQS								
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Hexachloroethane	67-72-1	5	ND		0.8	0.02	ND		0.8	0.02
Total SVOCs			6.25	-	-	-	0.55	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC										
Unknown			7.1	J	0	0	-	-	-	-
Unknown			11.1	J	0	0	-	-	-	-
Unknown			8.2	J	0	0	-	-	-	-
Unknown			16	J	0	0	5.3	J	0	0
Unknown			8.4	J	0	0	4.3	J	0	0
Unknown PAH			10.6	J	0	0	-	-	-	-
Unknown Naphthalene			13.9	J	0	0	-	-	-	-
Unknown Benzene			9.7	J	0	0	-	-	-	-
Unknown Benzene			10.8	J	0	0	-	-	-	-
Unknown Alkane			13.9	J	0	0	-	-	-	-
Unknown Alkane			10	J	0	0	-	-	-	-
Unknown Alkane			12.5	J	0	0	-	-	-	-
Unknown			23.5	J	0	0	-	-	-	-
Unknown Alkane			7	J	0	0	-	-	-	-
Total TIC Compounds			163	J	0	0	9.6	J	0	0
ORGANOCHLORINE PESTICIDES BY GC										
Delta-BHC	319-86-8	0.04	ND		0.014	0.003	ND		0.014	0.003
Lindane	58-89-9	0.05	ND		0.014	0.003	ND		0.014	0.003
Alpha-BHC	319-84-6	0.01	ND		0.014	0.003	ND		0.014	0.003
Beta-BHC	319-85-7	0.04	ND		0.014	0.004	ND		0.014	0.004
Heptachlor	76-44-8	0.04	ND		0.014	0.002	ND		0.014	0.002
Aldrin	309-00-2	0	ND		0.014	0.002	ND		0.014	0.002
Heptachlor epoxide	1024-57-3	0.03	ND		0.014	0.003	ND		0.014	0.003
Endrin	72-20-8	0	ND		0.029	0.003	ND		0.029	0.003
Endrin aldehyde	7421-93-4	5	ND		0.029	0.006	ND		0.029	0.006
Endrin ketone	53494-70-5	5	ND		0.029	0.003	ND		0.029	0.003
Dieldrin	60-57-1	0.004	ND		0.029	0.003	ND		0.029	0.003
4,4'-DDE	72-55-9	0.2	ND		0.029	0.003	ND		0.029	0.003
4,4'-DDD	72-54-8	0.3	ND		0.029	0.003	ND		0.029	0.003
4,4'-DDT	50-29-3	0.2	ND		0.029	0.003	ND		0.029	0.003
Endosulfan I	959-98-8		ND		0.014	0.002	ND		0.014	0.002
Endosulfan II	33213-65-9		ND		0.029	0.004	ND		0.029	0.004
Endosulfan sulfate	1031-07-8		ND		0.029	0.003	ND		0.029	0.003
Methoxychlor	72-43-5	35	ND		0.143	0.005	ND		0.143	0.005
Toxaphene	8001-35-2	0.06	ND		0.143	0.045	ND		0.143	0.045
cis-Chlordane	5103-71-9		0.083		0.014	0.005	ND		0.014	0.005
trans-Chlordane	5103-74-2		ND		0.014	0.004	ND		0.014	0.004
Chlordane	57-74-9	0.05	ND		0.143	0.033	ND		0.143	0.033
POLYCHLORINATED BIPHENYLS BY GC										
Aroclor 1016	12674-11-2	0.09	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1221	11104-28-2	0.09	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1232	11141-16-5	0.09	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1242	53469-21-9	0.09	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1248	12672-29-6	0.09	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1254	11097-69-1	0.09	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1260	11096-82-5	0.09	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1262	37324-23-5	0.09	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1268	11100-14-4	0.09	ND		0.071	0.061	ND		0.071	0.061

Table 3.3
Groundwater Analytical Results

		SAMPLE ID:	TW-2				TW-3			
		LAB ID:	L2475472-06				L2475472-07			
		COLLECTION DATE:	12/20/2024				12/20/2024			
		SAMPLE DEPTH:								
		SAMPLE MATRIX:	WATER				WATER			
		NY-AWQS								
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
PCBs, Total	1336-36-3		ND		0.071	0.061	ND		0.071	0.061
TOTAL METALS										
Aluminum, Total	7429-90-5		50600		10	3.27	2200		10	3.27
Antimony, Total	7440-36-0	3	1.7	J	4	0.42	ND		4	0.42
Arsenic, Total	7440-38-2	25	12.4		0.5	0.16	0.7		0.5	0.16
Barium, Total	7440-39-3	1000	822.7		0.5	0.17	68.3		0.5	0.17
Beryllium, Total	7440-41-7	3	1.3		0.5	0.1	ND		0.5	0.1
Cadmium, Total	7440-43-9	5	1.79		0.2	0.05	ND		0.2	0.05
Calcium, Total	7440-70-2		74400		100	39.4	25800		100	39.4
Chromium, Total	7440-47-3	50	103.3		1	0.17	2.83		1	0.17
Cobalt, Total	7440-48-4		58.53		0.5	0.16	1.74		0.5	0.16
Copper, Total	7440-50-8	200	540.7		1	0.38	7.98		1	0.38
Iron, Total	7439-89-6	300	74200		50	19.1	2860		50	19.1
Lead, Total	7439-92-1	25	221.1		1	0.34	2.16		1	0.34
Magnesium, Total	7439-95-4	35000	33200		70	24.2	4900		70	24.2
Manganese, Total	7439-96-5	300	2188		1	0.44	102.4		1	0.44
Mercury, Total	7439-97-6	0.7	3.3		0.2	0.09	ND		0.2	0.09
Nickel, Total	7440-02-0	100	67.52		2	0.55	2.89		2	0.55
Potassium, Total	7440-09-7		16200		100	30.9	4900		100	30.9
Selenium, Total	7782-49-2	10	13.8		5	1.73	5.73		5	1.73
Silver, Total	7440-22-4	50	0.6		0.4	0.16	ND		0.4	0.16
Sodium, Total	7440-23-5	20000	29200		500	29.3	130000		5000	293
Thallium, Total	7440-28-0	0.5	1.82		1	0.14	ND		1	0.14
Vanadium, Total	7440-62-2		170.4		5	1.57	4.85	J	5	1.57
Zinc, Total	7440-66-6	2000	478.1		10	3.41	8.45	J	10	3.41
GENERAL CHEMISTRY										
Cyanide, Total	57-12-5	200	ND		5	1	ND		5	1

* Comparison is not performed on parameters with non-numeric criteria.

NY-AWQS: NY - New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standards & Guidance Values including all addenda through February 2023.

Table 3.5
Soil Vapor Sample Results

Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06040
(860) 645-1102

Project Id : PEEKSKILL NY
PO # : 13904

	CAS	Units	Soil Vapor (SS)		CS34475 12/20/2024 SV-1 Air				CS34476 12/20/2024 SV-3 Air				CS34477 12/20/2024 SV-2 Air			
	Lab Sample Id				CS34475				CS34476				CS34477			
	Collection Date				12/20/2024				12/20/2024				12/20/2024			
	Client Id				SV-1				SV-3				SV-2			
	Matrix				Air				Air				Air			
					Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Volatiles (TO15) By TO15																
1,1,1,2-Tetrachloroethane	630-20-6	ppbv			< 0.729	0.729	U	0.729	< 0.729	0.729	U	0.729	< 0.729	0.729	U	0.729
1,1,1-Trichloroethane	71-55-6	ppbv		18.3	< 0.917	0.917	U	0.917	< 0.917	0.917	U	0.917	1.83	0.917		0.917
1,1,2,2-Tetrachloroethane	79-34-5	ppbv			< 0.729	0.729	U	0.729	< 0.729	0.729	U	0.729	< 0.729	0.729	U	0.729
1,1,2-Trichloroethane	79-00-5	ppbv			< 0.917	0.917	U	0.917	< 0.917	0.917	U	0.917	< 0.917	0.917	U	0.917
1,1-Dichloroethane	75-34-3	ppbv			< 1.24	1.24	U	1.24	< 1.24	1.24	U	1.24	< 1.24	1.24	U	1.24
1,1-Dichloroethene	75-35-4	ppbv		1.51	< 0.252	0.252	U	0.252	< 0.252	0.252	U	0.252	< 0.252	0.252	U	0.252
1,2,4-Trichlorobenzene	120-82-1	ppbv			< 0.674	0.674	U	0.674	< 0.674	0.674	U	0.674	< 0.674	0.674	U	0.674
1,2,4-Trimethylbenzene	95-63-6	ppbv			1.69	1.02		1.02	1.08	1.02		1.02	2.18	1.02		1.02
1,2-Dibromoethane(EDB)	106-93-4	ppbv			< 0.651	0.651	U	0.651	< 0.651	0.651	U	0.651	< 0.651	0.651	U	0.651
1,2-Dichlorobenzene	95-50-1	ppbv			< 0.832	0.832	U	0.832	< 0.832	0.832	U	0.832	< 0.832	0.832	U	0.832
1,2-Dichloroethane	107-06-2	ppbv			< 1.24	1.24	U	1.24	< 1.24	1.24	U	1.24	< 1.24	1.24	U	1.24
1,2-dichloropropane	78-87-5	ppbv			< 1.08	1.08	U	1.08	< 1.08	1.08	U	1.08	2.04	1.08		1.08
1,2-Dichlorotetrafluoroethane	76-14-2	ppbv			< 0.716	0.716	U	0.716	< 0.716	0.716	U	0.716	< 0.716	0.716	U	0.716
1,3,5-Trimethylbenzene	108-67-8	ppbv			< 1.02	1.02	U	1.02	< 1.02	1.02	U	1.02	< 1.02	1.02	U	1.02
1,3-Butadiene	106-99-0	ppbv			< 2.26	2.26	U	2.26	< 2.26	2.26	U	2.26	< 2.26	2.26	U	2.26
1,3-Dichlorobenzene	541-73-1	ppbv			< 0.832	0.832	U	0.832	< 0.832	0.832	U	0.832	< 0.832	0.832	U	0.832
1,4-Dichlorobenzene	106-46-7	ppbv			< 0.832	0.832	U	0.832	< 0.832	0.832	U	0.832	< 0.832	0.832	U	0.832
1,4-Dioxane	123-91-1	ppbv			< 1.39	1.39	U	1.39	< 1.39	1.39	U	1.39	< 1.39	1.39	U	1.39
2-Hexanone(MBK)	591-78-6	ppbv			< 1.22	1.22	U	1.22	< 1.22	1.22	U	1.22	< 1.22	1.22	U	1.22
4-Ethyltoluene	622-96-8	ppbv			1.52	1.02		1.02	1.24	1.02		1.02	1.74	1.02		1.02
4-Isopropyltoluene	99-87-6	ppbv			< 0.911	0.911	U	0.911	< 0.911	0.911	U	0.911	< 0.911	0.911	U	0.911
4-Methyl-2-pentanone(MIBK)	108-10-1	ppbv			< 1.22	1.22	U	1.22	< 1.22	1.22	U	1.22	< 1.22	1.22	U	1.22
Acetone	67-64-1	ppbv			46.4	2.11		2.11	38.3	2.11		2.11	28.2	2.11		2.11
Acrylonitrile	107-13-1	ppbv			< 2.31	2.31	U	2.31	< 2.31	2.31	U	2.31	< 2.31	2.31	U	2.31
Benzene	71-43-2	ppbv			< 1.57	1.57	U	1.57	< 1.57	1.57	U	1.57	< 1.57	1.57	U	1.57
Benzyl chloride	100-44-7	ppbv			< 0.966	0.966	U	0.966	< 0.966	0.966	U	0.966	< 0.966	0.966	U	0.966
Bromodichloromethane	75-27-4	ppbv			< 0.747	0.747	U	0.747	< 0.747	0.747	U	0.747	< 0.747	0.747	U	0.747
Bromoform	75-25-2	ppbv			< 0.484	0.484	U	0.484	< 0.484	0.484	U	0.484	< 0.484	0.484	U	0.484
Bromomethane	74-83-9	ppbv			< 1.29	1.29	U	1.29	< 1.29	1.29	U	1.29	< 1.29	1.29	U	1.29
Carbon Disulfide	75-15-0	ppbv			89.7	1.61		1.61	14.8	1.61		1.61	< 1.61	1.61	U	1.61
Carbon Tetrachloride	56-23-5	ppbv		0.954	< 0.159	0.159	U	0.159	< 0.159	0.159	U	0.159	< 0.159	0.159	U	0.159
Chlorobenzene	108-90-7	ppbv			< 1.09	1.09	U	1.09	< 1.09	1.09	U	1.09	< 1.09	1.09	U	1.09
Chloroethane	75-00-3	ppbv			< 1.90	1.90	U	1.90	< 1.90	1.90	U	1.90	< 1.90	1.90	U	1.90
Chloroform	67-66-3	ppbv			< 1.02	1.02	U	1.02	< 1.02	1.02	U	1.02	88.2	1.02		1.02

Table 3.5
Soil Vapor Sample Results

Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06040
(860) 645-1102

Project Id : PEEKSKILL NY
PO # : 13904

	Lab Sample Id				CS34475				CS34476				CS34477			
	Collection Date				12/20/2024				12/20/2024				12/20/2024			
	Client Id				SV-1				SV-3				SV-2			
	Matrix				Air				Air				Air			
	CAS	Units	Soil Vapor (SS)		Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Chloromethane	74-87-3	ppbv			< 2.42	2.42	U	2.42	< 2.42	2.42	U	2.42	< 2.42	2.42	U	2.42
Cis-1,2-Dichloroethene	156-59-2	ppbv		1.51	< 0.252	0.252	U	0.252	< 0.252	0.252	U	0.252	< 0.252	0.252	U	0.252
cis-1,3-Dichloropropene	10061-01-5	ppbv			< 1.10	1.10	U	1.10	< 1.10	1.10	U	1.10	< 1.10	1.10	U	1.10
Cyclohexane	110-82-7	ppbv			11.7	1.45		1.45	3.28	1.45		1.45	< 1.45	1.45	U	1.45
Dibromochloromethane	124-48-1	ppbv			< 0.587	0.587	U	0.587	< 0.587	0.587	U	0.587	< 0.587	0.587	U	0.587
Dichlorodifluoromethane	75-71-8	ppbv			< 1.01	1.01	U	1.01	< 1.01	1.01	U	1.01	< 1.01	1.01	U	1.01
Ethanol	64-17-5	ppbv			< 2.66	2.66	U	2.66	< 2.66	2.66	U	2.66	< 2.66	2.66	U	2.66
Ethyl acetate	141-78-6	ppbv			< 1.39	1.39	U	1.39	< 1.39	1.39	U	1.39	< 1.39	1.39	U	1.39
Ethylbenzene	100-41-4	ppbv			< 1.15	1.15	U	1.15	1.63	1.15		1.15	< 1.15	1.15	U	1.15
Heptane	142-82-5	ppbv			< 1.22	1.22	U	1.22	< 1.22	1.22	U	1.22	< 1.22	1.22	U	1.22
Hexachlorobutadiene	87-68-3	ppbv			< 0.469	0.469	U	0.469	< 0.469	0.469	U	0.469	< 0.469	0.469	U	0.469
Hexane	110-54-3	ppbv			1.63	1.42		1.42	2.11	1.42		1.42	< 1.42	1.42	U	1.42
Isooctane	540-84-1	ppbv			< 1.07	1.07	U	1.07	< 1.07	1.07	U	1.07	< 1.07	1.07	U	1.07
Isopropylalcohol	67-63-0	ppbv			< 2.04	2.04	U	2.04	< 2.04	2.04	U	2.04	< 2.04	2.04	U	2.04
Isopropylbenzene	98-82-8	ppbv			< 1.02	1.02	U	1.02	< 1.02	1.02	U	1.02	< 1.02	1.02	U	1.02
m,p-Xylene	179601-23-1	ppbv			4.8	1.15		1.15	5.72	1.15		1.15	4.73	1.15		1.15
Methyl Ethyl Ketone	78-93-3	ppbv			2.76	1.70		1.70	2.71	1.70		1.70	2.81	1.70		1.70
Methyl tert-butyl ether(MTBE)	1634-04-4	ppbv			< 1.39	1.39	U	1.39	< 1.39	1.39	U	1.39	< 1.39	1.39	U	1.39
Methylene Chloride	75-09-2	ppbv		28.8	< 4.32	4.32	U	4.32	< 4.32	4.32	U	4.32	< 4.32	4.32	U	4.32
Naphthalene	91-20-3	ppbv			< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
n-Butylbenzene	104-51-8	ppbv			< 0.911	0.911	U	0.911	< 0.911	0.911	U	0.911	< 0.911	0.911	U	0.911
o-Xylene	95-47-6	ppbv			1.86	1.15		1.15	1.83	1.15		1.15	1.69	1.15		1.15
Propylene	115-07-1	ppbv			< 2.91	2.91	U	2.91	< 2.91	2.91	U	2.91	5.05	2.91		2.91
sec-Butylbenzene	135-98-8	ppbv			< 0.911	0.911	U	0.911	< 0.911	0.911	U	0.911	< 0.911	0.911	U	0.911
Styrene	100-42-5	ppbv			< 1.17	1.17	U	1.17	< 1.17	1.17	U	1.17	< 1.17	1.17	U	1.17
Tetrachloroethene	127-18-4	ppbv		14.8	0.99	0.184		0.184	1.34	0.184		0.184	170	0.184		0.184
Tetrahydrofuran	109-99-9	ppbv			< 1.70	1.70	U	1.70	< 1.70	1.70	U	1.70	< 1.70	1.70	U	1.70
Toluene	108-88-3	ppbv			4.26	1.33		1.33	4.31	1.33		1.33	3.73	1.33		1.33
Trans-1,2-Dichloroethene	156-60-5	ppbv			< 1.26	1.26	U	1.26	< 1.26	1.26	U	1.26	< 1.26	1.26	U	1.26
trans-1,3-Dichloropropene	10061-02-6	ppbv			< 1.10	1.10	U	1.10	< 1.10	1.10	U	1.10	< 1.10	1.10	U	1.10
Trichloroethene	79-01-6	ppbv		1.12	< 0.185	0.185	U	0.185	< 0.185	0.185	U	0.185	1.8	0.185		0.185
Trichlorofluoromethane	75-69-4	ppbv			< 0.891	0.891	U	0.891	< 0.891	0.891	U	0.891	< 0.891	0.891	U	0.891
Trichlorotrifluoroethane	76-13-1	ppbv			< 0.653	0.653	U	0.653	< 0.653	0.653	U	0.653	< 0.653	0.653	U	0.653
Vinyl Chloride	75-01-4	ppbv		2.35	< 0.390	0.390	U	0.390	< 0.390	0.390	U	0.390	< 0.390	0.390	U	0.390
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3			< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
1,1,1-Trichloroethane	71-55-6	ug/m3		100	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	9.98	5.00		5.00

Table 3.5
Soil Vapor Sample Results

Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06040
(860) 645-1102

Project Id : PEEKSKILL NY
PO # : 13904

					CS34475				CS34476				CS34477			
	Lab Sample Id				CS34475				CS34476				CS34477			
	Collection Date				12/20/2024				12/20/2024				12/20/2024			
	Client Id				SV-1				SV-3				SV-2			
	Matrix				Air				Air				Air			
	CAS	Units	Soil Vapor (SS)		Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3			< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
1,1,2-Trichloroethane	79-00-5	ug/m3			< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
1,1-Dichloroethane	75-34-3	ug/m3			< 5.02	5.02	U	5.02	< 5.02	5.02	U	5.02	< 5.02	5.02	U	5.02
1,1-Dichloroethene	75-35-4	ug/m3		6	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
1,2,4-Trichlorobenzene	120-82-1	ug/m3			< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
1,2,4-Trimethylbenzene	95-63-6	ug/m3			8.3	5.01		5.01	5.31	5.01		5.01	10.7	5.01		5.01
1,2-Dibromoethane(EDB)	106-93-4	ug/m3			< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
1,2-Dichlorobenzene	95-50-1	ug/m3			< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
1,2-Dichloroethane	107-06-2	ug/m3			< 5.02	5.02	U	5.02	< 5.02	5.02	U	5.02	< 5.02	5.02	U	5.02
1,2-dichloropropane	78-87-5	ug/m3			< 4.99	4.99	U	4.99	< 4.99	4.99	U	4.99	9.42	4.99		4.99
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3			< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
1,3,5-Trimethylbenzene	108-67-8	ug/m3			< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01
1,3-Butadiene	106-99-0	ug/m3			< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
1,3-Dichlorobenzene	541-73-1	ug/m3			< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
1,4-Dichlorobenzene	106-46-7	ug/m3			< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
1,4-Dioxane	123-91-1	ug/m3			< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01
2-Hexanone(MBK)	591-78-6	ug/m3			< 4.99	4.99	U	4.99	< 4.99	4.99	U	4.99	< 4.99	4.99	U	4.99
4-Ethyltoluene	622-96-8	ug/m3			7.47	5.01		5.01	6.09	5.01		5.01	8.55	5.01		5.01
4-Isopropyltoluene	99-87-6	ug/m3			< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/m3			< 4.99	4.99	U	4.99	< 4.99	4.99	U	4.99	< 4.99	4.99	U	4.99
Acetone	67-64-1	ug/m3			110	5.01		5.01	90.9	5.01		5.01	66.9	5.01		5.01
Acrylonitrile	107-13-1	ug/m3			< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01
Benzene	71-43-2	ug/m3			< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01
Benzyl chloride	100-44-7	ug/m3			< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
Bromodichloromethane	75-27-4	ug/m3			< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
Bromoform	75-25-2	ug/m3			< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
Bromomethane	74-83-9	ug/m3			< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01
Carbon Disulfide	75-15-0	ug/m3			279	5.01		5.01	46.1	5.01		5.01	< 5.01	5.01	U	5.01
Carbon Tetrachloride	56-23-5	ug/m3		6	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
Chlorobenzene	108-90-7	ug/m3			< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01
Chloroethane	75-00-3	ug/m3			< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01
Chloroform	67-66-3	ug/m3			< 4.98	4.98	U	4.98	< 4.98	4.98	U	4.98	430	4.98		4.98
Chloromethane	74-87-3	ug/m3			< 4.99	4.99	U	4.99	< 4.99	4.99	U	4.99	< 4.99	4.99	U	4.99
Cis-1,2-Dichloroethene	156-59-2	ug/m3		6	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00
cis-1,3-Dichloropropene	10061-01-5	ug/m3			< 4.99	4.99	U	4.99	< 4.99	4.99	U	4.99	< 4.99	4.99	U	4.99
Cyclohexane	110-82-7	ug/m3			40.2	4.99		4.99	11.3	4.99		4.99	< 4.99	4.99	U	4.99

Table 3.5
Soil Vapor Sample Results

Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06040
(860) 645-1102

Project Id : PEEKSKILL NY
PO # : 13904

				CS34475				CS34476				CS34477			
Lab Sample Id				CS34475				CS34476				CS34477			
Collection Date				12/20/2024				12/20/2024				12/20/2024			
Client Id				SV-1				SV-3				SV-2			
Matrix				Air				Air				Air			
	CAS	Units	Soil Vapor (SS)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Dibromochloromethane	124-48-1	ug/m3		< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
Dichlorodifluoromethane	75-71-8	ug/m3		< 4.99	4.99	U	4.99	< 4.99	4.99	U	4.99	< 4.99	4.99	U	4.99
Ethanol	64-17-5	ug/m3		< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01
Ethyl acetate	141-78-6	ug/m3		< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01
Ethylbenzene	100-41-4	ug/m3		< 4.99	4.99	U	4.99	7.07	4.99		4.99	< 4.99	4.99	U	4.99
Heptane	142-82-5	ug/m3		< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
Hexachlorobutadiene	87-68-3	ug/m3		< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
Hexane	110-54-3	ug/m3		5.74	5.00		5.00	7.43	5.00		5.00	< 5.00	5.00	U	5.00
Isooctane	540-84-1	ug/m3		< 4.99	4.99	U	4.99	< 4.99	4.99	U	4.99	< 4.99	4.99	U	4.99
Isopropylalcohol	67-63-0	ug/m3		< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01
Isopropylbenzene	98-82-8	ug/m3		< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01
m,p-Xylene	179601-23-1	ug/m3		20.8	4.99		4.99	24.8	4.99		4.99	20.5	4.99		4.99
Methyl Ethyl Ketone	78-93-3	ug/m3		8.13	5.01		5.01	7.99	5.01		5.01	8.28	5.01		5.01
Methyl tert-butyl ether(MTBE)	1634-04-4	ug/m3		< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01
Methylene Chloride	75-09-2	ug/m3	100	< 15.0	15.0	U	15.0	< 15.0	15.0	U	15.0	< 15.0	15.0	U	15.0
Naphthalene	91-20-3	ug/m3		< 5.23	5.23	U	5.23	< 5.23	5.23	U	5.23	< 5.23	5.23	U	5.23
n-Butylbenzene	104-51-8	ug/m3		< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
o-Xylene	95-47-6	ug/m3		8.07	4.99		4.99	7.94	4.99		4.99	7.33	4.99		4.99
Propylene	115-07-1	ug/m3		< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01	8.69	5.01		5.01
sec-Butylbenzene	135-98-8	ug/m3		< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
Styrene	100-42-5	ug/m3		< 4.98	4.98	U	4.98	< 4.98	4.98	U	4.98	< 4.98	4.98	U	4.98
Tetrachloroethene	127-18-4	ug/m3	100	6.71	1.25		1.25	9.08	1.25		1.25	1,150	1.25		1.25
Tetrahydrofuran	109-99-9	ug/m3		< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01	< 5.01	5.01	U	5.01
Toluene	108-88-3	ug/m3		16	5.01		5.01	16.2	5.01		5.01	14	5.01		5.01
Trans-1,2-Dichloroethene	156-60-5	ug/m3		< 4.99	4.99	U	4.99	< 4.99	4.99	U	4.99	< 4.99	4.99	U	4.99
trans-1,3-Dichloropropene	10061-02-6	ug/m3		< 4.99	4.99	U	4.99	< 4.99	4.99	U	4.99	< 4.99	4.99	U	4.99
Trichloroethene	79-01-6	ug/m3	6	< 0.99	0.99	U	0.99	< 0.99	0.99	U	0.99	9.67	0.99		0.99
Trichlorofluoromethane	75-69-4	ug/m3		< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
Trichlorotrifluoroethane	76-13-1	ug/m3		< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00	< 5.00	5.00	U	5.00
Vinyl Chloride	75-01-4	ug/m3	6	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00	< 1.00	1.00	U	1.00

Qualifiers

U	The compound was anlayzed for but not detected at or above the MDL.
	The number immediately preceding the "U" represents the PQL reporting level

Table 3.5
Soil Vapor Sample Results

Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06040
(860) 645-1102

Project Id : PEEKSKILL NY
PO # : 13904

			CS34475				CS34476				CS34477			
Lab Sample Id			CS34475				CS34476				CS34477			
Collection Date			12/20/2024				12/20/2024				12/20/2024			
Client Id			SV-1				SV-3				SV-2			
Matrix			Air				Air				Air			
CAS	Units	Soil Vapor (SS)	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL

corrected for percent solids, weight and/or volume calculations, and dilution factors.

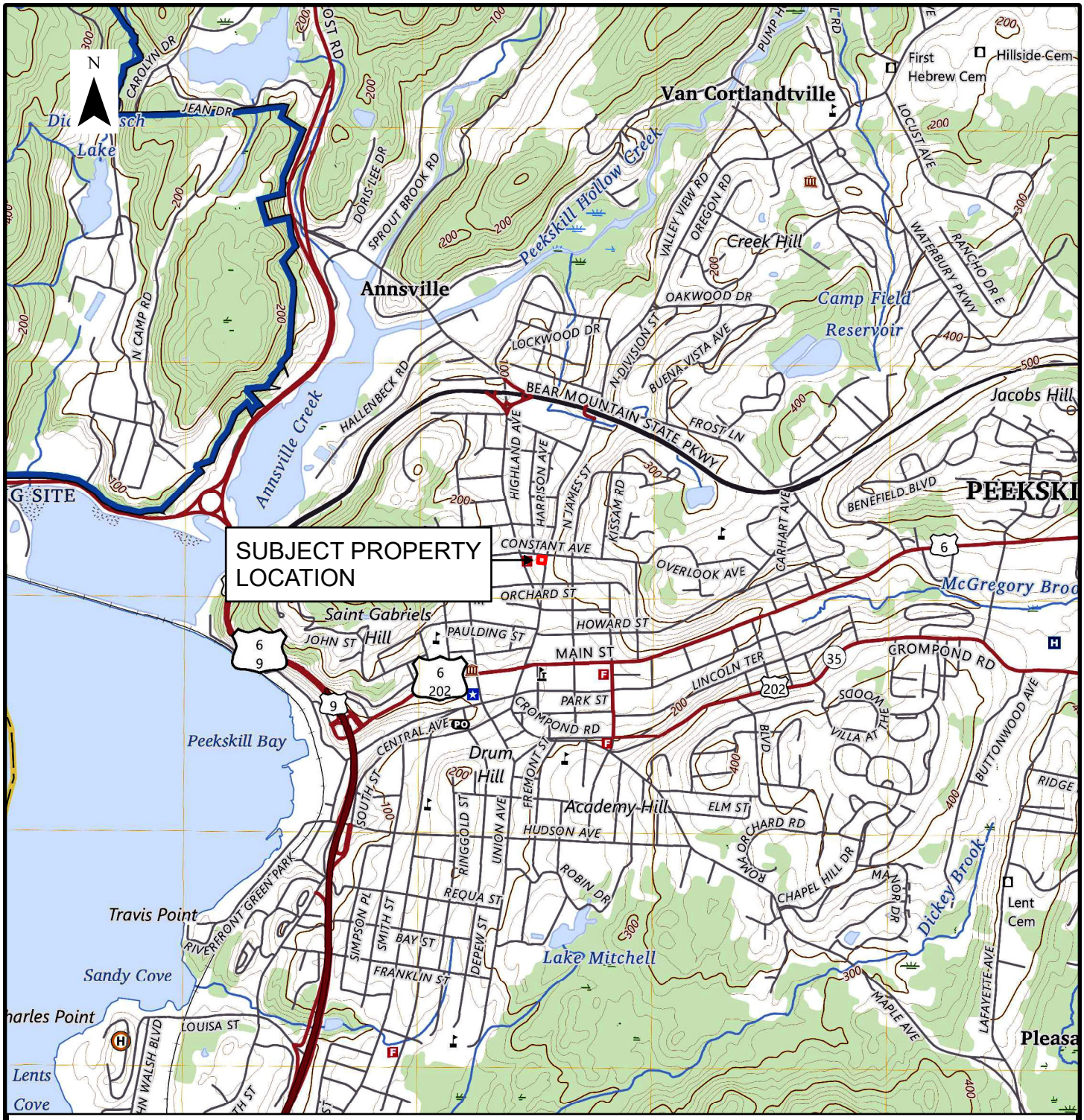
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response fo the nearest internal. This flag is used on the TIC form for all compounds identified.
S	This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.
D	The reported concentration is the result of a diluted analysis.
Q	For TICS, this compound was quantitated using a calibration curve.
(*)	See report for comment.

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

Figures



REFERENCE:

UNITED STATES GEOLOGICAL SURVEY (USGS)
PEEKSKILL, NY USGS QUADRANGLE - 2023

LEGEND:

SUBJECT PROPERTY LOCATION

SCALE: 1" = 2,000'

0 1,000 2,000 4,000 FEET

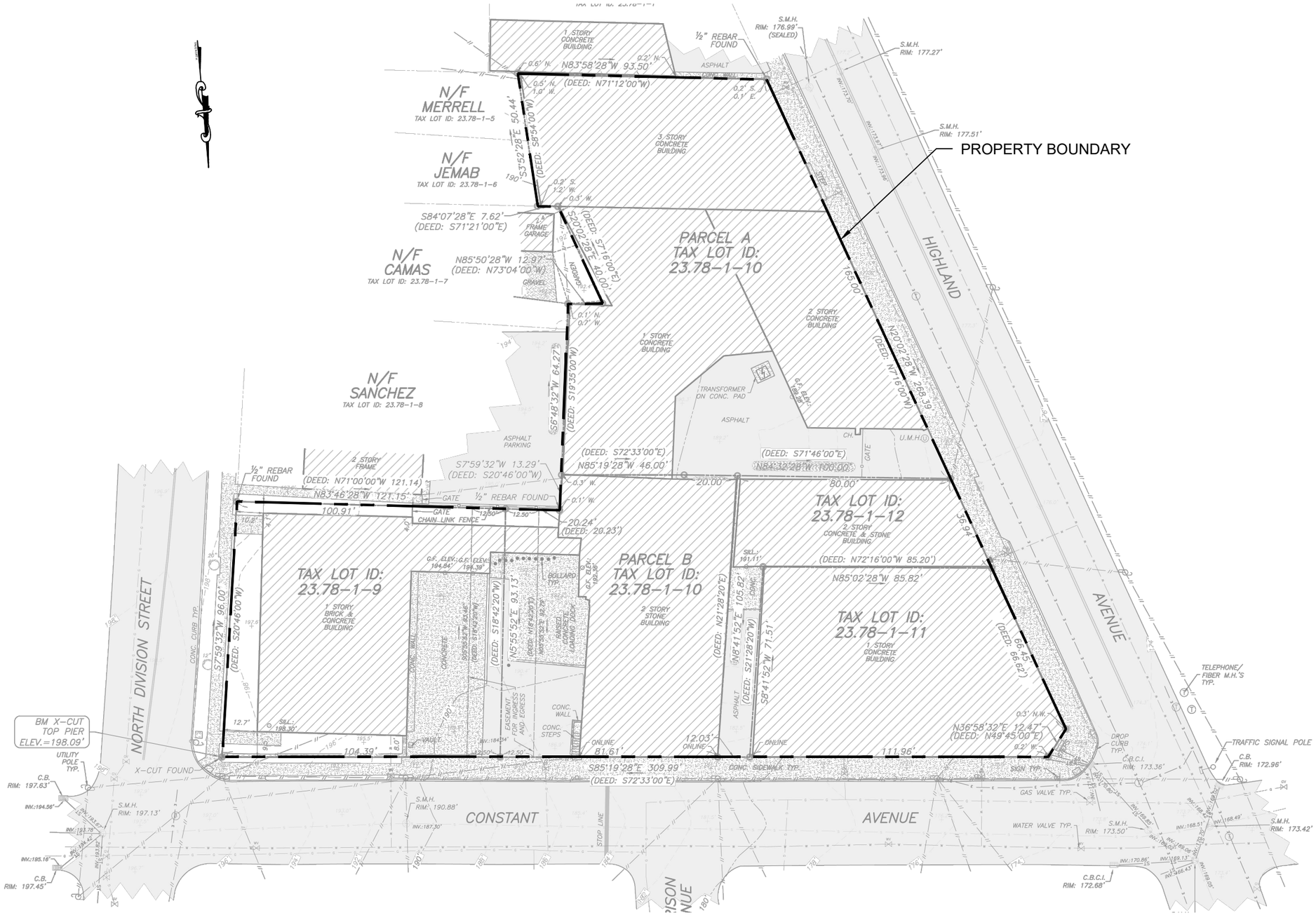
418 NORTH DIVISION STREET
BLOCK 1, LOT 9
PEEKSKILL, NY

SUBJECT PROPERTY LOCATION MAP

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

FIG-1.1
DRAWN BY: KBV
CHECKED BY: CM
SCALE: AS NOTED
DATE: 3/14/2025
JOB NO: 13904

Y:\GIS\Project_Numbers\13904\APRX_PROJECT\APRX_Phase1_Prj_No.aprx, 3/14/2025 3:12 PM, Kim VanderKlein, LAYOUT: FIG-1.2



SCALE: 1"=40'

0 40 80

NOTE:
THIS PLAN IS FOR LOCATING BORINGS, TEST PITS & SOIL VAPOR POINTS ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

REFERENCE
1. EXISTING CONDITIONS & BOUNDARY ARE TAKEN FROM "TOPOGRAPHIC SURVEY OF PROPERTY" PREPARED BY GEOLOGIC LAND SURVEYING, PLLC, DATED NOVEMBER 18, 2024.

NYS Education Law
Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS 2025
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS

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

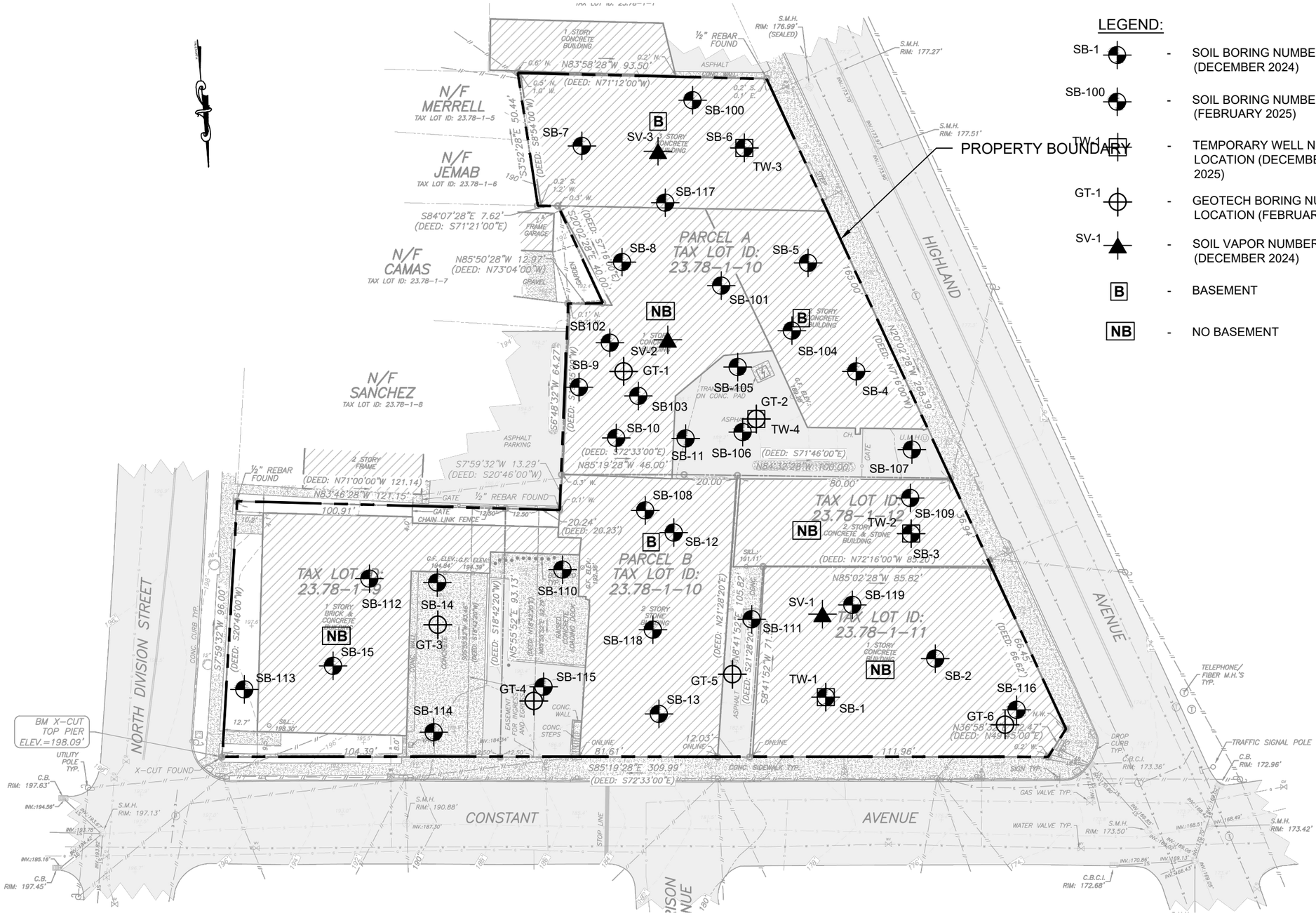
dwg by: AW
chk by: SL
scale: AS NOTED
date: 02/11/2025

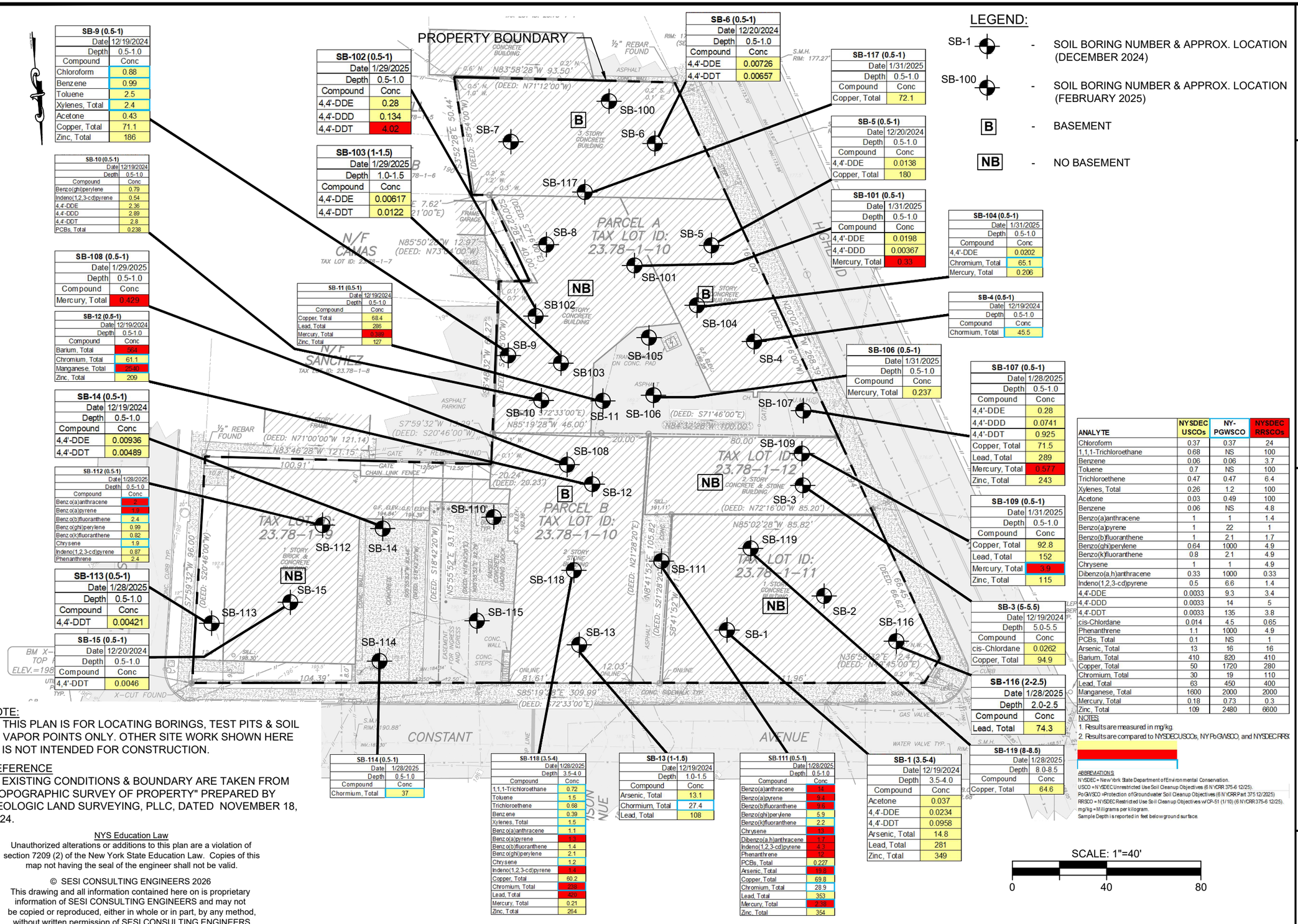
project:
418 NORTH DIVISION STREET
CITY OF PEEKSKILL
WESTCHESTER COUNTY, NEW YORK

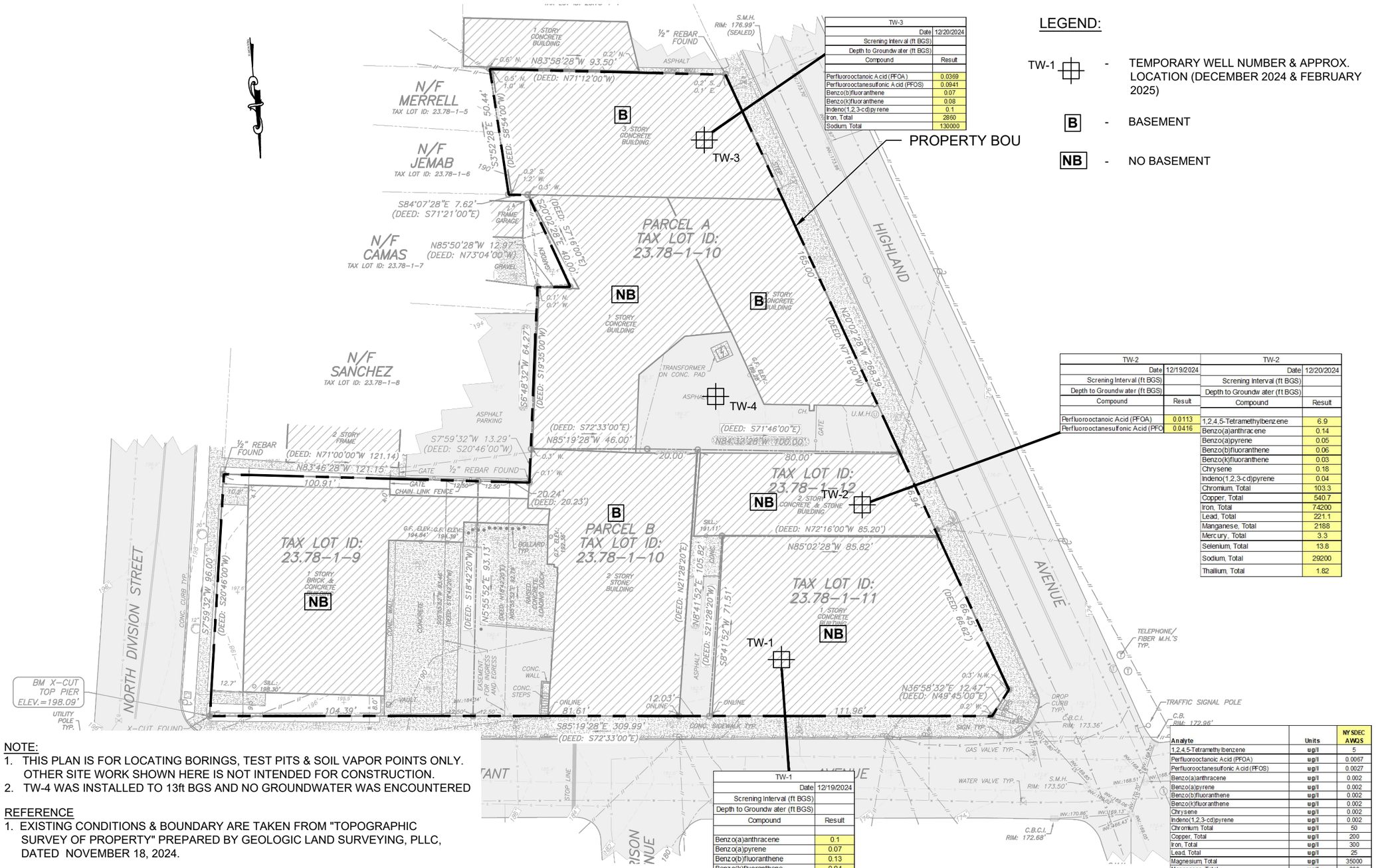
title:
SITE PLAN

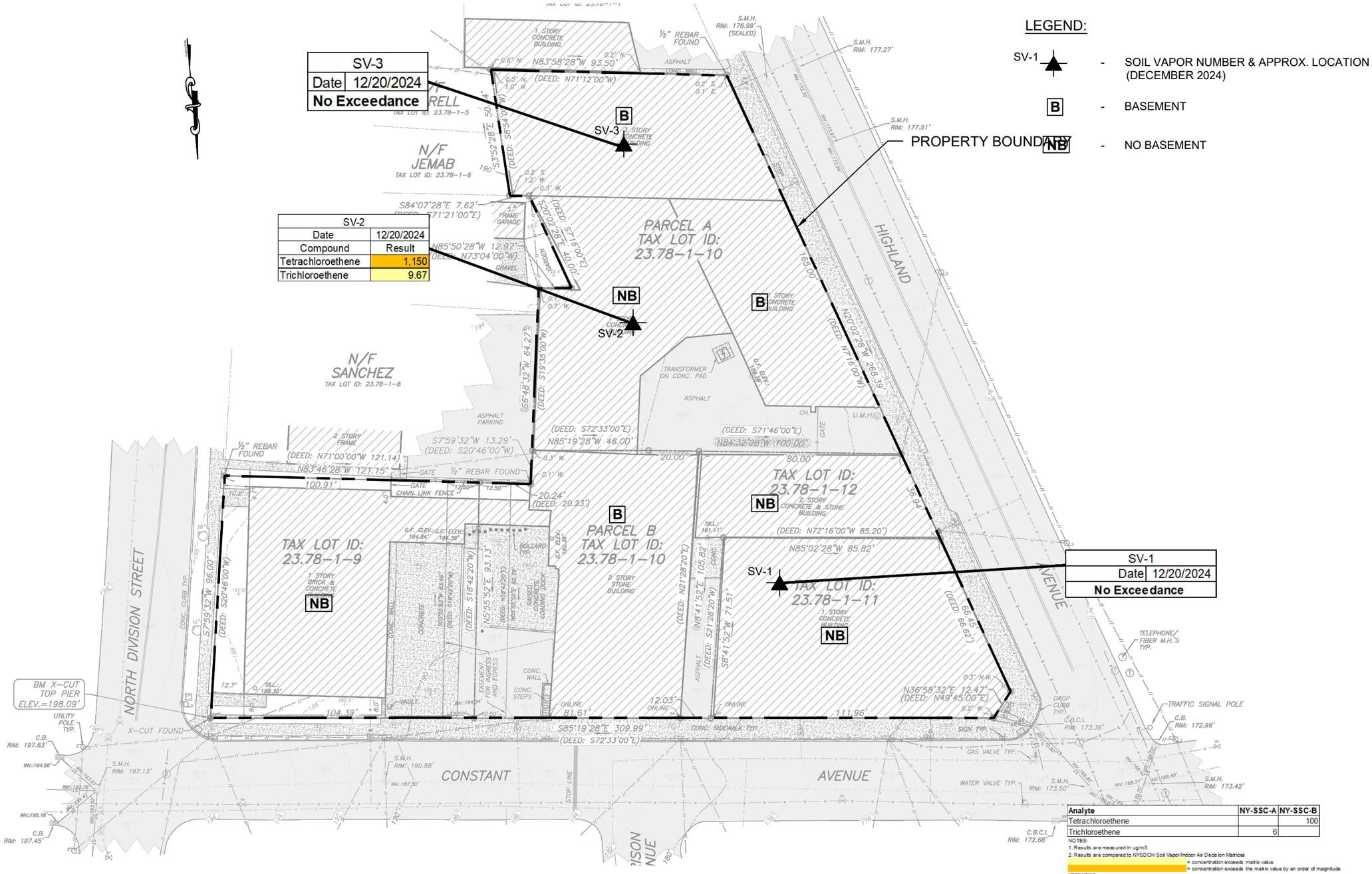
job no: 13904
drawing no:
FIG 1.2

N:\ACAD\13904\CAD\ENVIRONMENTAL\13904.DWG_SITE_LOCATION_PLAN.DWG 03/14/25 03:48:47PM, alan.ward, LAYOUT:SITE


PARCEL A
TAX LOT ID:
23.78–1–10
PARCEL B
TAX LOT ID:
23.78–1–10
TAX LOT ID:
23.78–1–12
TAX LOT ID:
23.78–1–11
TAX LOT ID:
23.78–1–9
N/F MERRELL
TAX LOT ID: 23.78–1–5
N/F JEMAB
TAX LOT ID: 23.78–1–6
N/F CAMAS
TAX LOT ID: 23.78–1–7
N/F SANCHEZ
TAX LOT ID: 23.78–1–8
PROPERTY BOUNDARY
HIGHLAND AVENUE
NORTH DIVISION STREET
CONSTANT AVENUE
SB-1
SB-100
SB-101
SB102
SB103
SB-104
SB-105
SB-106
SB-107
SB-108
SB-109
SB-110
SB-111
SB-112
SB-113
SB-114
SB-115
SB-116
SB-117
SB-118
SB-119
SB-12
SB-13
SB-14
SB-15
SB-2
SB-3
SB-4
SB-5
SB-6
SB-7
SB-8
SB-9
SB-10
SB-11
SV-1
SV-2
SV-3
TW-1
TW-2
TW-3
TW-4
GT-1
GT-2
GT-3
GT-4
GT-5
GT-6
B
NB
BM X–CUT TOP PIER ELEV.=198.09'
X–CUT FOUND
1 STORY CONCRETE BUILDING
2 STORY BRICK & CONCRETE
2 STORY CONCRETE & STONE BUILDING
2 STORY STONE BUILDING
1 STORY CONCRETE BUILDING
2 STORY CONCRETE BUILDING
2 STORY FRAME GARAGE
GRAVEL DRIVEWAY
ASPHALT PARKING
GATE
CHAIN LINK FENCE
CONC. WALL
CONC. STEPS
CONC. SIDEWALK TYP.
TRANSFORMER ON CONC. PAD
GAS VALVE TYP.
WATER VALVE TYP.
SIGN TYP.
DROP CURB TYP.
TELEPHONE/ FIBER M.H.'S TYP.
UTILITY POLE TYP.
TRAFFIC SIGNAL POLE
S.M.H. RIM: 176.99' (SEALED)
S.M.H. RIM: 177.27'
S.M.H. RIM: 177.51'
S.M.H. RIM: 197.13'
S.M.H. RIM: 190.88'
S.M.H. RIM: 173.50'
S.M.H. RIM: 173.42'
C.B. RIM: 197.63'
C.B. RIM: 197.45'
C.B.C.I. RIM: 173.36'
C.B.C.I. RIM: 172.68'
C.B. RIM: 172.96'
½" REBAR FOUND
N83°58'28"W 93.50'
(DEED: N71°12'00"W)
S3°52'28"E 50.44'
(DEED: S8°54'00"W)
S84°07'28"E 7.62'
(DEED: S71°21'00"E)
N85°50'28"W 12.97'
(DEED: N73°04'00"W)
S6°48'32"W 64.27'
(DEED: S20°02'28"E 65.00')
N20°02'28"W 268.39'
(DEED: N16°00'00"W)
S7°59'32"W 13.29'
(DEED: S20°46'00"W)
N85°19'28"W 46.00'
(DEED: S72°33'00"E)
N84°32'28"W 100.00'
(DEED: S71°46'00"E)
N83°46'28"W 121.15'
(DEED: N71°00'00"W 121.14)
100.91'
20.24'
(DEED: 20.23')
S7°59'32"W 96.00'
(DEED: S20°46'00"W)
S5°55'52"E 93.13'
(DEED: S18°42'20"W)
N5°55'52"W 105.82'
(DEED: N21°28'20"E)
S8°41'52"W 71.
(DEED: S21°28'20"E)
N36°58'52"E 2.47'
(DEED: N49°15'00"E)
S85°19'28"E 309.99'
(DEED: S72°33'00"E)
104.39'
111.96'
80.00'
20.00'
165.00'
N85°02'28"W 85.82'
(DEED: N72°16'00"W 85.20')
(DEED: 66.62')
12.03' ONLINE
81.61' ONLINE
12.7'
SILL: 198.30'
SILL: 191.11'
G.F. ELEV.: 194.64'
G.F. ELEV.: 194.39'
G.F. ELEV.: 192.36'
INV.:184.34'
INV.:194.56'
INV.:185.16'
INV.:183.78'
INV.:194.43'
INV.:191.47'
INV.:168.51'
INV.:168.49'
INV.:170.86'
INV.:169.13'
INV.:166.43'
INV.:169.05'
INV.:165.85'
INV.:165.04'
INV.:165.02'
INV.:165.00'
INV.:164.98'
INV.:164.96'
INV.:164.94'
INV.:164.92'
INV.:164.90'
INV.:164.88'
INV.:164.86'
INV.:164.84'
INV.:164.82'
INV.:164.80'
INV.:164.78'
INV.:164.76'
INV.:164.74'
INV.:164.72'
INV.:164.70'
INV.:164.68'
INV.:164.66'
INV.:164.64'
INV.:164.62'
INV.:164.60'
INV.:164.58'
INV.:164.56'
INV.:164.54'
INV.:164.52'
INV.:164.50'
INV.:164.48'
INV.:164.46'
INV.:164.44'
INV.:164.42'
INV.:164.40'
INV.:164.38'
INV.:164.36'
INV.:164.34'
INV.:164.32'
INV.:164.30'
INV.:164.28'
INV.:164.26'


PROPERTY BOUNDARY
PARCEL A
TAX LOT ID: 23.78–1–10
PARCEL B
TAX LOT ID: 23.78–1–10
TAX LOT ID: 23.78–1–11
TAX LOT ID: 23.78–1–9
N/F CAMAS
TAX LOT ID: 23.78–1–7
N/F SANCHEZ
TAX LOT ID: 23.78–1–8
CONSTANT
AVENUE
HIGHLAND
SB-1
SB-2
SB-3
SB-4
SB-5
SB-6
SB-7
SB-8
SB-9
SB-10
SB-11
SB-12
SB-13
SB-14
SB-15
SB-100
SB-101
SB102
SB103
SB-104
SB-105
SB-106
SB-107
SB-108
SB-109
SB-110
SB-111
SB-112
SB-113
SB-114
SB-115
SB-116
SB-117
SB-118
SB-119
NB
B
3 STORY CONCRETE BUILDING
2 STORY CONCRETE & STONE BUILDING
1 STORY BRICK & CONCRETE BUILDING
2 STORY STONE BUILDING
1 STORY CONCRETE BUILDING
FRAME GARAGE
GATE CHAIN LINK FENCE
CONC. SIDEWALK TYP.
CONC. STEPS
CONC. WALL
ASPHALT PARKING
ASPHALT
WATER VALVE TYP.
GAS VALVE
SIGN
TRANSFORMER ON CONC. PAD
½" REBAR FOUND
X–CUT FOUND
S.M.H. RIM: 177.27'
S.M.H. RIM: 190.88'
S.M.H. RIM: 168.51'
N83°58'28"W 93.50'
(DEED: N71°12'00"W)
(DEED: S8°54'00"W)
(DEED: S20°46'00"W)
(DEED: N71°00'00"W 121.14')
N83°46'28"W 121.15'
100.91'
20.24'
(DEED: 20.23')
S7°59'32"W 96.00'
S85°19'28"E 309.99
(DEED: S72°33'00"E)
N85°19'28"W 46.00'
(DEED: S71°46'00"E)
N83°33'28"W 100.00'
N85°02'28"W 85.82'
(DEED: N72°16'00"W 85.20')
(DEED: N20°02'28"W 268.39')
(DEED: S20°02'28"E 46.00')
(DEED: N21°28'20"E)
(DEED: S18°42'20"W)
(DEED: S21°28'20"W)
(DEED: 66.45')
N36°56'32"E 2.24'
(DEED: N45°00'E)
S7°59'32"W 93.13'
S5°55'52"E 93.13'
S5°52'28"E 50.44'
N85°50'28"W 12.97'
(DEED: N73°00'00"W)
S7°59'32"W 96.00'
104.39'
12.03'
81.61'
1.96'
80.00'
20.00'
16.00'
12.50'
10.25'
8.0'
6.0'
0.6' N.
1.0' W.
0.2' N.
0.2' S.
0.1' E.
1.2' W.
0.3' W.
0.1' W.
0.7' W.
0.2' W.
0.4' W.
0.5' N.
0.2' S.
0.3' W.
0.2' W.
0.1' W.
0.2' W.
0.4' W.
0.2' W.
0.3' W.
0.2' W.
0.2' W.
0.2


N/F MERRELL TAX LOT ID: 23.78–1–5
N/F JEMAB TAX LOT ID: 23.78–1–6
N/F CAMAS TAX LOT ID: 23.78–1–7
N/F SANCHEZ TAX LOT ID: 23.78–1–8
PARCEL A TAX LOT ID: 23.78–1–10
PARCEL B TAX LOT ID: 23.78–1–10
TAX LOT ID: 23.78–1–9
TAX LOT ID: 23.78–1–11
TAX LOT ID: 23.78–1–12
PROPERTY BOU
HIGHLAND
NORTH DIVISION STREET
AVENUE
TW-1
TW-2
TW-3
TW-4
B
NB
1 STORY CONCRETE BUILDING
3 STORY CONCRETE BUILDING
2 STORY CONCRETE & STONE BUILDING
2 STORY STONE BUILDING
1 STORY BRICK & CONCRETE
2 STORY FRAME
1½ STORY FRAME GARAGE
TRANSFORMER ON CONC. PAD
GATE
CHAIN LINK FENCE
CONC. WALL
CONC. STEPS
CONC. SIDEWALK TYP.
DROP CURB TYP.
TELEPHONE/ FIBER M.H.'S TYP.
TRAFFIC SIGNAL POLE
GAS VALVE TYP.
WATER VALVE TYP.
SIGN TYP.
BM X–CUT TOP PIER ELEV.=198.09'
X–CUT FOUND
½" REBAR FOUND
S.M.H. RIM: 176.99' (SEALED)
S.M.H. RIM: 173.50'
C.B.C.I. RIM: 173.36'
C.B.C.I. RIM: 172.68'
C.B. RIM: 172.98'
S85°19'28"E 309.99' (DEED: S72°33'00"E)
N85°19'28"W 46.00' (DEED: S72°33'00"E)
N83°58'28"W 93.50' (DEED: N71°12'00"W)
S3°52'28"E 50.44' (DEED: S8°54'00"W)
S84°07'28"E 7.62' (DEED: S71°21'00"E)
N85°50'28"W 12.97' (DEED: N73°04'00"W)
S6°48'32"W 64.27' (DEED: S19°35'00"W)
S7°59'32"W 13.29' (DEED: S20°46'00"W)
N83°46'28"W 121.15' (DEED: N71°00'00"W 121.14)
100.91'
20.24' (DEED: 20.23')
S7°59'32"W 96.00' (DEED: S20°46'00"W)
S5°55'52"E 93.13' (DEED: S18°42'20"W)
104.39'
81.61'
111.96'
80.00'
20.00'
N20°02'28"W 268.39' (DEED: N7°16'00"W)
N84°33'28"W 100.00' (DEED: S71°46'00"E)
N72°16'00"W 85.20' (DEED: N72°16'00"W 85.20')
N85°02'28"W 85.82'
N36°58'32"E 12.47' (DEED: N49°45'00"E)
(DEED: 66.62')
(DEED: S20°02'28"E 49.00')
(DEED: S7°16'00"E)
(DEED: N21°28'20"E)
(DEED: S21°28'20"W)
105.82'
71.51'
S8°41'52"W
N8°41'52"E
105.82'
12.03'
ONLINE
165.00'
155.00'
50.44'
49.00'
64.27'
96.00'
93.13'
12.47'
12.7'
10.8'
12.50'
8.0'
0.1' N.
0.7' W.
0.3' W.
0.2' N.
0.2' S.
0.1' E.
0.5' N.
1.9' W.
0.2' S.
1.2' W.
0.3' W.
0.3' N.W.
0.2' W.
SILL: 198.30'
SILL: 191.11'
INV: 184.34'
INV: 170.86'
INV: 169.13'
INV: 168.51'
INV: 168.43'
INV: 168.27'
INV: 168.15'
INV: 168.03'
INV: 166.43'
INV: 165.03'
INV: 165.01'
INV: 160.01'
G.F. ELEV.: 194.84'
G.F. ELEV.: 194.39'
G.F. ELEV.: 192.36'
G.F. ELEV.: 192.39'
G.F. ELEV.: 189.64'
G.F. ELEV.: 189.39'
G.F. ELEV.: 188.96'
G.F. ELEV.: 188.71'
G.F. ELEV.: 188.46'
G.F. ELEV.: 188.21'
G.F. ELEV.: 187.96'
G.F. ELEV.: 187.71'
G.F. ELEV.: 187.46'
G.F. ELEV.: 187.21'
G.F. ELEV.: 186.96'
G.F. ELEV.: 186.71'
G.F. ELEV.: 186.46'
G.F. ELEV.: 186.21'
G.F. ELEV.: 185.96'
G.F. ELEV.: 185.71'
G.F. ELEV.: 185.46'
G.F. ELEV.: 185.21'
G.F. ELEV.: 184.96'
G.F. ELEV.: 184.71'
G.F. ELEV.: 184.46'
G.F. ELEV.: 184.21'
G.F. ELEV.: 183.96'
G.F. ELEV.: 183.71'
G.F. ELEV.: 183.46'
G.F. ELEV.: 183.21'
G.F. ELEV.: 182.96'
G.F. ELEV.: 182.71'
G.F. ELEV.: 182.46'
G.F. ELEV.: 182.21'
G.F. ELEV.: 181.96'
G.F. ELEV.: 181.71'
G.F. ELEV.: 181.46'
G.F. ELEV.: 181.21'
G.F. ELEV.: 180.96'
G.F. ELEV.: 180.71'
G.F. ELEV.: 180.46'
G.F. ELEV.: 180.21'
G.F. ELEV.: 179.96'
G.F. ELEV.: 179.71'
G.F. ELEV.: 179.46'
G.F. ELEV.: 179.21'
G.F. ELEV.: 178.96'
G.F. ELEV.: 178.71'
G.F. ELEV.: 178.46'
G.F. ELEV.: 178.21'
G.F. ELEV.: 177.96'
G.F. ELEV.: 177.71'
G.F. ELEV.: 177.46'
G.F. ELEV.: 177.21'
G.F. ELEV.: 176.96'
G.F. ELEV.: 176.71'
G.F. ELEV.: 176.46'
G.F. ELEV.: 176.21'
G.F. ELEV.: 175.96'
G.F. ELEV.: 175.71'
G.F. ELEV.: 175.46'
G.F. ELEV.: 175.21'
G.F. ELEV.: 174.96'
G.F. ELEV.: 174.71'
G.F. ELEV.: 174.46'
G.F. ELEV.: 174.21'
G.F. ELEV.: 173.96'
G.F. ELEV.: 173.71'
G.F. ELEV.: 173.46'
G.F. ELEV.: 173.21'
G.F. ELEV.: 172.96'
G.F. ELEV.: 172.71'
G.F. ELEV.: 172.46'
G.F. ELEV.: 172.21'
G.F. ELEV.: 171.96'
G.F. ELEV.: 171.71'
G.F. ELEV.: 171.46'
G.F. ELEV.: 171.21'
G.F. ELEV.: 170.96'
G.F. ELEV.: 170.71'
G.F. ELEV.: 170.46'
G.F. ELEV.: 170.21'
G.F. ELEV.: 169.96'
G.F. ELEV.: 169.71'
G.F. ELEV.: 169.46'
G.F. ELEV.: 169.21'
G.F. ELEV.: 168.96'
G.F. ELEV.: 168.71'
G.F. ELEV.: 168.46'
G.F. ELEV.: 168.21'
G.F. ELEV.: 167.96'
G.F. ELEV.: 167.71'
G.F. ELEV.: 167.46'
G.F. ELEV.: 167.21'
G.F. ELEV.: 166.96'
G.F. ELEV.: 166.71'
G.F. ELEV.: 166.46'
G.F. ELEV.: 166.21'
G.F. ELEV.: 165.96'
G.F. ELEV.: 165.71'
G.F. ELEV.: 165.46'
G.F. ELEV.: 165.21'
G.F. ELEV.: 164.96'
G.F. ELEV.: 164.71'
G.F. ELEV.: 164.46'
G.F. ELEV.: 164.21'
G.F. ELEV.: 163.96'
G.F. ELEV.: 163.71'
G.F. ELEV.: 163.46'
G.F. ELEV.: 163.21'
G.F. ELEV.: 162.96'
G.F. ELEV.: 162.71'
G.F. ELEV.: 162.46'
G.F. ELEV.: 162.21'
G.F. ELEV.: 161.96'
G.F. ELEV.: 161.71'
G.F. ELEV.: 161.46'
G.F. ELEV.: 161.21'
G.F. ELEV.: 160.96'
G.F. ELEV.: 160.71'
G.F. ELEV.: 160.46'
G.F. ELEV.: 160.21'
G.F. ELEV.: 159.96'
G.F. ELEV.: 159.71'
G.F. ELEV.: 159.46'
G.F. ELEV.: 159.21'
G.F. ELEV.: 158.96'
G.F. ELEV.: 158.71'
G.F. ELEV.: 158.46'
G.F. ELEV.: 158.21'
G.F. ELEV.: 157.96'
G.F. ELEV.: 157.71'
G.F. ELEV.: 157.46'
G.F. ELEV.: 157.21'
G.F. ELEV.: 156.96'
G.F. ELEV.: 156.71'
G.F. ELEV.: 156.46'
G.F. ELEV.: 156.21'
G.F. ELEV.: 155.96'
G.F. ELEV.: 155.71'
G.F. ELEV.: 155.46'
G.F. ELEV.: 155.21'
G.F. ELEV.: 154.96'
G.F. ELEV.: 154.71'
G.F. ELEV.: 154.46'
G.F. ELEV.: 154.21'
G.F. ELEV.: 153.96'
G.F. ELEV.: 153.71'
G.F. ELEV.: 153.46'
G.F. ELEV.: 153.21'
G.F. ELEV.: 152.96'
G.F. ELEV.: 152.71'
G.F. ELEV.: 152.46'
G.F. ELEV.: 152.21'
G.F. ELEV.: 151.96'
G.F. ELEV.: 151.71'
G.F. ELEV.: 151.46'
G.F. ELEV.: 151.21'
G.F. ELEV.: 150.96'
G.F. ELEV.: 150.71'
G.F. ELEV.: 150.46'
G.F. ELEV.: 150.21'
G.F. ELEV.: 149.96'
G.F. ELEV.: 149.71'
G.F. ELEV.: 149.46'
G.F. ELEV.: 149.21'
G.F. ELEV.: 148.96'
G.F. ELEV.: 148.71'
G.F. ELEV.: 148.46'
G.F. ELEV.: 148.21'
G.F. ELEV.: 147.96'
G.F. ELEV.: 147.71'
G.F. ELEV.: 147.46'
G.F. ELEV.: 147.21'
G.F. ELEV.: 146.96'
G.F. ELEV.: 146.71'
G.F. ELEV.: 146.46'
G.F. ELEV.: 146.21'
G.F. ELEV.: 145.96'
G.F. ELEV.: 145.71'
G.F. ELEV.: 145.46'
G.F. ELEV.: 145.21'
G.F. ELEV.: 144.96'
G.F. ELEV.: 144.71'
G.F. ELEV.: 144.46'
G.F. ELEV.: 144.21'
G.F. ELEV.: 143.96'
G.F. ELEV.: 143.71'
G.F. ELEV.: 143.46'
G.F. ELEV.: 143.21'
G.F. ELEV.: 142.96'
G.F. ELEV.: 142.71'
G.F. ELEV.: 142.46'
G.F. ELEV.: 142.21'
G.F. ELEV.: 141.96'
G.F. ELEV.: 141.71'
G.F. ELEV.: 141.46'
G.F. ELEV.: 141.21'
G.F. ELEV.: 140.96'
G.F. ELEV.: 140.71'
G.F. ELEV.: 140.46'
G.F. ELEV.: 140.21'
G.F. ELEV.: 139.96'
G.F. ELEV.: 139.71'
G.F. ELEV.: 139.46'
G.F. ELEV.: 139.21'
G.F. ELEV.: 138.96'
G.F. ELEV.: 138.71'
G.F. ELEV.: 138.46'
G.F. ELEV.: 138.21'
G.F. ELEV.: 137.96'
G.F. ELEV.: 137.71'
G.F. ELEV.: 137.46'
G.F. ELEV.: 137.21'
G.F. ELEV.: 136.96'
G.F. ELEV.: 136.71'
G.F. ELEV.: 136.46'
G.F. ELEV.: 136.21'
G.F. ELEV.: 135.96'
G.F. ELEV.: 135.71'
G.F. ELEV.: 135.46'
G.F. ELEV.: 135.21'
G.F. ELEV.: 134.96'
G.F. ELEV.: 134.71'
G.F. ELEV.: 134.46'
G.F. ELEV.: 134.21'
G.F. ELEV.: 133.96'
G.F. ELEV.: 133.71'
G.F. ELEV.: 133.46'
G.F. ELEV.: 133.21'
G.F. ELEV.: 132.96'
G.F. ELEV.: 132.71'
G.F. ELEV.: 132.46'
G.F. ELEV.: 132.21'
G.F. ELEV.: 131.96'
G.F. ELEV.: 131.71'
G.F. ELEV.: 131.46'
G.F. ELEV.: 131.21'
G.F. ELEV.: 130.96'
G.F. ELEV.: 130.71'
G.F. ELEV.: 130.46'
G.F. ELEV.: 130.21'
G.F. ELEV.: 129.96'
G.F. ELEV.: 129.71'
G.F. ELEV.: 129.46'
G.F. ELEV.: 129.21'
G.F. ELEV.: 128.96'
G.F. ELEV.: 128.71'
G.F. ELEV.: 128.46'
G.F. ELEV.: 128.21'
G.F. ELEV.: 127.96'
G.F. ELEV.: 127.71'
G.F. ELEV.: 127.46'
G.F. ELEV.: 127.21'
G.F. ELEV.: 126.96'
G.F. ELEV.: 126.71'
G.F. ELEV.: 126.46'
G.F. ELEV.: 126.21'
G.F. ELEV.: 125.96'
G.F. ELEV.: 125.71'
G.F. ELEV.: 125.46'
G.F. ELEV.: 125.21'
G.F. ELEV.: 124.96'
G.F. ELEV.: 124.71'
G.F. ELEV.: 124.46'
G.F. ELEV.: 124.21'
G.F. ELEV.: 123.96'
G.F. ELEV.: 123.71'
G.F. ELEV.: 123.46'
G.F. ELEV.: 123.21'
G.F. ELEV.: 122.96'
G.F. ELEV.: 122.71'
G.F. ELEV.: 122.46'
G.F. ELEV.: 122.21'
G.F. ELEV.: 121.96'
G.F. ELEV.: 121.71'
G.F. ELEV.: 121.46'
G.F. ELEV.: 121.21'
G.F. ELEV.: 120.96'
G.F. ELEV.: 120.71'
G.F. ELEV.: 120.46'
G.F. ELEV.: 120.21'
G.F. ELEV.: 119.96'
G.F. ELEV.: 119.71'
G.F. ELEV.: 119.46'
G.F. ELEV.: 119.21'
G.F. ELEV.: 118.96'
G.F. ELEV.: 118.71'
G.F. ELEV.: 118.46'
G.F. ELEV.: 118.21'
G.F. ELEV.: 117.96'
G.F. ELEV.: 117.71'
G.F. ELEV.: 117.46'
G.F. ELEV.: 117.21'
G.F. ELEV.: 116.96'
G.F. ELEV.: 116.71'
G.F. ELEV.: 116.46'
G.F. ELEV.: 116.21'
G.F. ELEV.: 115.96'
G.F. ELEV.: 115.71'
G.F. ELEV.: 115.46'
G.F. ELEV.: 115.21'
G.F. ELEV.: 114.96'
G.F. ELEV.: 114.71'
G.F. ELEV.: 114.46'
G.F. ELEV.: 114.21'
G.F. ELEV.: 113.96'
G.F. ELEV.: 113.71'
G.F. ELEV.: 113.46'
G.F. ELEV.: 113.21'
G.F. ELEV.: 112.96'
G.F. ELEV.: 112.71'
G.F. ELEV.: 112.46'
G.F. ELEV.: 112.21'
G.F. ELEV.: 111.96'
G.F. ELEV.: 111.71'
G.F. ELEV.: 111.46'
G.F. ELEV.: 111.21'
G.F. ELEV.: 110.96'
G.F. ELEV.: 110.71'
G.F. ELEV.: 110.46'
G.F. ELEV.: 110.21'
G.F. ELEV.: 109.96'
G.F. ELEV.: 109.71'
G.F. ELEV.: 109.46'
G.F. ELEV.: 109.21'
G.F. ELEV.: 108.96'
G.F. ELEV.: 108.71'
G.F. ELEV.: 108.46'
G.F. ELEV.: 108.21'
G.F. ELEV.: 107.96'
G.F. ELEV.: 107.71'
G.F. ELEV.: 107.46'
G.F. ELEV.: 107.21'
G.F. ELEV.: 106.96'
G.F. ELEV.: 106.71'
G.F. ELEV.: 106.46'
G.F. ELEV.: 106.21'
G.F. ELEV.: 105.96'
G.F. ELEV.: 105.71'
G.F. ELEV.: 105.46'
G.F. ELEV.: 105.21'
G.F. ELEV.: 104.96'
G.F. ELEV.: 104.71'
G.F. ELEV.: 104.46'
G.F. ELEV.: 104.21'
G.F. ELEV.: 103.96'
G.F. ELEV.: 103.71'
G.F. ELEV.: 103.46'
G.F. ELEV.: 103.21'
G.F. ELEV.: 102.96'
G.F. ELEV.: 102.71'
G.F. ELEV.: 102.46'
G.F. ELEV.: 102.21'
G.F. ELEV.: 101.96'
G.F. ELEV.: 101.71'
G.F. ELEV.: 101.46'
G.F. ELEV.: 101.21'
G.F. ELEV.: 100.96'
G.F. ELEV.: 100.71'
G.F. ELEV.: 100.46'
G.F. ELEV.: 100.21'
G.F. ELEV.: 99.96'
G.F. ELEV.: 99.71'
G.F. ELEV.: 99.46'
G.F. ELEV.: 99.21'
G.F. ELEV.: 98.96'
G.F. ELEV.: 98.71'
G.F. ELEV.: 98.46'
G.F. ELEV.: 98.21'
G.F. ELEV.: 97.96'
G.F. ELEV.: 97.71'
G.F. ELEV.: 97.46'
G.F. ELEV.: 97.21'
G.F. ELEV.: 96.96'
G.F. ELEV.: 96.71'
G.F. ELEV.: 96.46'
G.F. ELEV.: 96.21'
G.F. ELEV.: 95.96'
G.F. ELEV.: 95.71'
G.F. ELEV.: 95.46'
G.F. ELEV.: 95.21'
G.F. ELEV.: 94.96'
G.F. ELEV.: 94.71'
G.F. ELEV.: 94.46'
G.F. ELEV.: 94.21'
G.F. ELEV.: 93.96'
G.F. ELEV.: 93.71'
G.F. ELEV.: 93.46'
G.F. ELEV.: 93.21'
G.F. ELEV.: 92.96'
G.F. ELEV.: 92.71'
G.F. ELEV.: 92.46'
G.F. ELEV.: 92.21'
G.F. ELEV.: 91.96'
G.F. ELEV.: 91.71'
G.F. ELEV.: 91.46'
G.F. ELEV.: 91.21'
G.F. ELEV.: 90.96'
G.F. ELEV.: 90.71'
G.F. ELEV.: 90.46'
G.F. ELEV.: 90.21'
G.F. ELEV.: 89.96'
G.F. ELEV.: 89.71'
G.F. ELEV.: 89.46'
G.F. ELEV.: 89.21'
G.F. ELEV.: 88.96'
G.F. ELEV.: 88.71'
G.F. ELEV.: 88.46'
G.F. ELEV.: 88.21'
G.F. ELEV.: 87.96'
G.F. ELEV.: 87.71'
G.F. ELEV.: 87.46'
G.F. ELEV.: 87.21'
G.F. ELEV.: 86.96'
G.F. ELEV.: 86.71'
G.F. ELEV.: 86.46'
G.F. ELEV.: 86.21'
G.F. ELEV.: 85.96'
G.F. ELEV.: 85.71'
G.F. ELEV.: 85.46'
G.F. ELEV.: 85.21'
G.F. ELEV.: 84.96'
G.F. ELEV.: 84.71'
G.F. ELEV.: 84.46'
G.F. ELEV.: 84.21'
G.F. ELEV.: 83.96'
G.F. ELEV.: 83.71'
G.F. ELEV.: 83.46'
G.F. ELEV.: 83.21'
G.F. ELEV.: 82.96'
G.F. ELEV.: 82.71'
G.F. ELEV.: 82.46'
G.F. ELEV.: 82.21'
G.F. ELEV.: 81.96'
G.F. ELEV.: 81.71'
G.F. ELEV.: 81.46'
G.F. ELEV.: 81.21'
G.F. ELEV.: 80.96'
G.F. ELEV.: 80.71'
G.F. ELEV.: 80.46'
G.F. ELEV.: 80.21'
G.F. ELEV.: 79.96'
G.F. ELEV.: 79.71'
G.F. ELEV.: 79.46'
G.F. ELEV.: 79.21'
G.F. ELEV.: 78.96'
G.F. ELEV.: 78.71'
G.F. ELEV.: 78.46'
G.F. ELEV.: 78.21'
G.F. ELEV.: 77.96'
G.F. ELEV.: 77.71'
G.F. ELEV.: 77.46'
G.F. ELEV.: 77.21'
G.F. ELEV.: 76.96'
G.F. ELEV.: 76.71'
G.F. ELEV.: 76.46'
G.F. ELEV.: 76.21'
G.F. ELEV.: 75.96'
G.F. ELEV.: 75.71'
G.F. ELEV.: 75.46'
G.F. ELEV.: 75.21'
G.F. ELEV.: 74.96'
G.F. ELEV.: 74.71'
G.F. ELEV.: 74.46'
G.F. ELEV.: 74.21'
G.F. ELEV.: 73.96'
G.F. ELEV.: 73.71'
G.F. ELEV.: 73.46'
G.F. ELEV.: 73.21'
G.F. ELEV.: 72.96'
G.F. ELEV.: 72.71'
G.F. ELEV.: 72.46'
G.F. ELEV.: 72.21'
G.F. ELEV.: 71.96'
G.F. ELEV.: 71.71'
G.F. ELEV.: 71.46'
G.F. ELEV.: 71.21'
G.F. ELEV.: 70.96'
G.F. ELEV.: 70.71'
G.F. ELEV.: 70.46'
G.F. ELEV.: 70.21'
G.F. ELEV.: 69.96'
G.F. ELEV.: 69.71'
G.F. ELEV.: 69.46'
G.F. ELEV.: 69.21'
G.F. ELEV.: 68.96'
G.F. ELEV.: 68.71'
G.F. ELEV.: 68.46'
G.F. ELEV.: 68.21'
G.F. ELEV.: 67.96'
G.F. ELEV.: 67.71'
G.F. ELEV.: 67.46'
G.F. ELEV.: 67.21'
G.F. ELEV.: 66.96'
G.F. ELEV.: 66.71'
G.F. ELEV.: 66.46'
G.F. ELEV.: 66.21'
G.F. ELEV.: 65.96'
G.F. ELEV.: 65.71'
G.F. ELEV.: 65.46'
G.F. ELEV.: 65.21'
G.F. ELEV.: 64.96'
G.F. ELEV.: 64.71'
G.F. ELEV.: 64.46'
G.F. ELEV.: 64.21'
G.F. ELEV.: 63.96'
G.F. ELEV.: 63.71'
G.F. ELEV.: 63.46'
G.F. ELEV.: 63.21'
G.F. ELEV.: 62.96'
G.F. ELEV.: 62.71'
G.F. ELEV.: 62.46'
G.F. ELEV.: 62.21'
G.F. ELEV.: 61.96'
G.F. ELEV.: 61.71'
G.F. ELEV.: 61.46'
G.F. ELEV.: 61.21'
G.F. ELEV.: 60.96'
G.F. ELEV.: 60.71'
G.F. ELEV.: 60.46'
G.F. ELEV.: 60.21'
G.F. ELEV.: 59.96'
G.F. ELEV.: 59.71'
G.F. ELEV.: 59.46'
G.F. ELEV.: 59.21'
G.F. ELEV.: 58.96'
G.F. ELEV.: 58.71'
G.F. ELEV.: 58.46'
G.F. ELEV.: 58.21'
G.F. ELEV.: 57.96'
G.F. ELEV.: 57.71'
G.F. ELEV.: 57.46'
G.F. ELEV.: 57.21'
G.F. ELEV.: 56.96'
G.F. ELEV.: 56.71'
G.F. ELEV.: 56.46'
G.F. ELEV.: 56.21'
G.F. ELEV.: 55.96'
G.F. ELEV.: 55.71'
G.F. ELEV.: 55.46'
G.F. ELEV.: 55.21'
G.F. ELEV.: 54.96'
G.F. ELEV.: 54.71'
G.F. ELEV.: 54.46'
G.F. ELEV.: 54.21'
G.F. ELEV.: 53.96'
G.F. ELEV.: 53.71'
G.F. ELEV.: 53.46'
G.F. ELEV.: 53.21'
G.F. ELEV.: 52.96'
G.F. ELEV.: 52.71'
G.F. ELEV.: 52.46'
G.F. ELEV.: 52.21'
G.F. ELEV.: 51.96'
G.F. ELEV.: 51.71'
G.F. ELEV.: 51.46'
G.F. ELEV.: 51.21'
G.F. ELEV.: 50.96'
G.F. ELEV.: 50.71'
G.F. ELEV.: 50.46'
G.F. ELEV.: 50.21'
G.F. ELEV.: 49.96'
G.F. ELEV.: 49.71'
G.F. ELEV.: 49.46'
G.F. ELEV.: 49.21'
G.F. ELEV.: 48.96'
G.F. ELEV.: 48.71'
G.F. ELEV.: 48.46'
G.F. ELEV.: 48.21'
G.F. ELEV.: 47.96'
G.F. ELEV.: 47.71'
G.F. ELEV.: 47.46'
G.F. ELEV.: 47.21'
G.F. ELEV.: 46.96'
G.F. ELEV.: 46.71'
G.F. ELEV.: 46.46'
G.F. ELEV.: 46.21'
G.F. ELEV.: 45.96'
G.F. ELEV.: 45.71'
G.F. ELEV.: 45.46'
G.F. ELEV.: 45.21'
G.F. ELEV.: 44.96'
G.F. ELEV.: 44.71'
G.F. ELEV.: 44.46'
G.F. ELEV.: 44.21'
G.F. ELEV.: 43.96'
G.F. ELEV.: 43.71'
G.F. ELEV.: 43.46'
G.F. ELEV.: 43.21'
G.F. ELEV.: 42.96'
G.F. ELEV.: 42.71'
G.F. ELEV.: 42.46'
G.F. ELEV.: 42.21'
G.F. ELEV.: 41.96'
G.F. ELEV.: 41.71'
G.F. ELEV.: 41.46'
G.F. ELEV.: 41.21'
G.F. ELEV.: 40.96'
G.F. ELEV.: 40.71'
G.F. ELEV.: 40.46'
G.F. ELEV.: 40.21'
G.F. ELEV.: 39.96'
G.F. ELEV.: 39.71'
G.F. ELEV.: 39.46'
G.F. ELEV.: 39.21'
G.F. ELEV.: 38.96'
G.F. ELEV.: 38.71'
G.F. ELEV.: 38.46'
G.F. ELEV.: 38.21'
G.F. ELEV.: 37.96'
G.F. ELEV.: 37.71'
G.F. ELEV.: 37.46'
G.F. ELEV.: 37.21'
G.F. ELEV.: 36.96'
G.F. ELEV.: 36.71'
G.F. ELEV.: 36.46'
G.F. ELEV.: 36.21'
G.F. ELEV.: 35.96'
G.F. ELEV.: 35.71'
G.F. ELEV.: 35.46'
G.F. ELEV.: 35.21'
G.F. ELEV.: 34.96'
G.F. ELEV.: 34.71'
G.F. ELEV.: 34.46'
G.F. ELEV.: 34.21'
G.F. ELEV.: 33.96'
G.F. ELEV.: 33.71'
G.F. ELEV.: 33.46'
G.F. ELEV.: 33.21'
G.F. ELEV.: 32.96'
G.F. ELEV.: 32.71'
G.F. ELEV.: 32.46'
G.F. ELEV.: 32.21'
G.F. ELEV.: 31.96'
G.F. ELEV.: 31.71'
G.F. ELEV.: 31.46'
G.F. ELEV.: 31.21'
G.F. ELEV.: 30.96'
G.F. ELEV.: 30.71'
G.F. ELEV.: 30.46'
G.F. ELEV.: 30.21'
G.F. ELEV.: 29.96'
G.F. ELEV.: 29.71'
G.F. ELEV.: 29.46'
G.F. ELEV.: 29.21'
G.F. ELEV.: 28.96'
G.F. ELEV.: 28.71'
G.F. ELEV.: 28.46'
G.F. ELEV.: 28.21'
G.F. ELEV.: 27.96'
G.F. ELEV.: 27.71'
G.F. ELEV.: 27.46'
G.F. ELEV.: 27.21'
G.F. ELEV.: 26.96'
G.F. ELEV.: 26.71'
G.F. ELEV.: 26.46'
G.F. ELEV.: 26.21'
G.F. ELEV.: 25.96'
G.F. ELEV.: 25.71'
G.F. ELEV.: 25.46'
G.F. ELEV.: 25.21'
G.F. ELEV.: 24.96'
G.F. ELEV.: 24.71'
G.F. ELEV.: 24.46'
G.F. ELEV.: 24.21'
G.F. ELEV.: 23.96'
G.F. ELEV.: 23.71'
G.F. ELEV.: 23.46'
G.F. ELEV.: 23.21'
G.F. ELEV.: 22.96'
G.F. ELEV.: 22.71'
G.F. ELEV.: 22.46'
G.F. ELEV.: 22.21'
G.F. ELEV.: 21.96'
G.F. ELEV.: 21.71'
G.F. ELEV.: 21.46'
G.F. ELEV.: 21.21'
G.F. ELEV.: 20.96'
G.F. ELEV.: 20.71'
G.F. ELEV.: 20.46'
G.F. ELEV.: 20.21'
G.F. ELEV.: 19.96'
G.F. ELEV.: 19.71'
G.F. ELEV.: 19.46'
G.F. ELEV.: 19.21'
G.F. ELEV.: 18.96'
G.F. ELEV.: 18.71'
G.F. ELEV.: 18.46'
G.F. ELEV.: 18.21'
G.F. ELEV.: 17.96'
G.F. ELEV.: 17.71'
G.F. ELEV.: 17.46'
G.F. ELEV.: 17.21'
G.F. ELEV.: 16.96'
G.F. ELEV.: 16.71'
G.F. ELEV.: 16.46'
G.F. ELEV.: 16.21'
G.F. ELEV.: 15.96'
G.F. ELEV.: 15.71'
G.F. ELEV.: 15.46'
G.F. ELEV.: 15.21'
G.F. ELEV.: 14.96'
G.F. ELEV.: 14.71'
G.F. ELEV.: 14.46'
G.F. ELEV.: 14.21'
G.F. ELEV.: 13.96'
G.F. ELEV.: 13.71'
G.F. ELEV.: 13.46'
G.F. ELEV.: 13.21'
G.F. ELEV.: 12.96'
G.F. ELEV.: 12.71'
G.F. ELEV.: 12.46'
G.F. ELEV.: 12.21'
G.F. ELEV.: 11.96'
G.F. ELEV.: 11.71'
G.F. ELEV.: 11.46'
G.F. ELEV.: 11.21'
G.F. ELEV.: 10.96'
G.F. ELEV.: 10.71'
G.F. ELEV.: 10.46'
G.F. ELEV.: 10.21'
G.F. ELEV.: 9.96'
G.F. ELEV.: 9.71'
G.F. ELEV.: 9.46'
G.F. ELEV.: 9.21'
G.F. ELEV.: 8.96'
G.F. ELEV.: 8.71'
G.F. ELEV.: 8.46'
G.F. ELEV.: 8.21'
G.F. ELEV.: 7.96'
G.F. ELEV.: 7.71'
G.F. ELEV.: 7.46'
G.F. ELEV.: 7.21'
G.F. ELEV.: 6.96'
G.F. ELEV.: 6.71'
G.F. ELEV.: 6.46'
G.F. ELEV.: 6.21'
G.F. ELEV.: 5.96'
G.F. ELEV.: 5.71'
G.F. ELEV.: 5.46'
G.F. ELEV.: 5.21'
G.F. ELEV.: 4.96'
G.F. ELEV.: 4.71'
G.F. ELEV.: 4.46'
G.F. ELEV.: 4.21'
G.F. ELEV.: 3.96'
G.F. ELEV.: 3.71'
G.F. ELEV.: 3.46'
G.F. ELEV.: 3.21'
G.F. ELEV.: 2.96'
G.F. ELEV.: 2.71'
G.F. ELEV.: 2.46'
G.F. ELEV.: 2.21'
G.F. ELEV.: 1.96'
G.F. ELEV.: 1.71'
G.F. ELEV.: 1.46'
G.F. ELEV.: 1.21'
G.F. ELEV.: 0.96'
G.F. ELEV.: 0.71'
G.F. ELEV.: 0.46'
G.F. ELEV.: 0.21'
G.F. ELEV.: -0.04'
G.F. ELEV.: -0.29'
G.F. ELEV.: -0.54'
G.F. ELEV.: -0.79'
G.F. ELEV.: -1.04'
G.F. ELEV.: -1.29'
G.F. ELEV.: -1.54'
G.F. ELEV.: -1.79'
G.F. ELEV.: -2.04'
G.F. ELEV.: -2.29'
G.F. ELEV.: -2.54'
G.F. ELEV.: -2.79'
G.F. ELEV.: -3.04'
G.F. ELEV.: -3.29'
G.F. ELEV.: -3.54'
G.F. ELEV.: -3.79'
G.F. ELEV.: -4.04'
G.F. ELEV.: -4.29'
G.F. ELEV.: -4.54'
G.F. ELEV.: -4.79'
G.F. ELEV.: -5.04'
G.F. ELEV.: -5.29'
G.F. ELEV.: -5.54'
G.F. ELEV.: -5.79'
G.F. ELEV.: -6.04'
G.F. ELEV.: -6.29'
G.F. ELEV.: -6.54'
G.F. ELEV.: -6.79'
G.F. ELEV.: -7.04'
G.F. ELEV.: -7.29'
G.F. ELEV.: -7.54'
G.F. ELEV.: -7.79'
G.F. ELEV.: -8.04'
G.F. ELEV.: -8.29'
G.F. ELEV.: -8.54'
G.F. ELEV.: -8.79'
G.F. ELEV.: -9.04'
G.F. ELEV.: -9.29'
G.F. ELEV.: -9.54'
G.F. ELEV.: -9.79'
G.F. ELEV.: -10.04'
G.F. ELEV.: -10.29'
G.F. ELEV.: -10.54'
G.F. ELEV.: -10.79'
G.F. ELEV.: -11.04'
G.F. ELEV.: -11.29'
G.F. ELEV.: -11.54'
G.F. ELEV.: -11.79'
G.F. ELEV.: -12.04'
G.F. ELEV.: -12.29'
G.F. ELEV.: -12.54'
G.F. ELEV.: -12.79'
G.F. ELEV.: -13.04'
G.F. ELEV.: -13.29'
G.F. ELEV.: -13.54'
G.F. ELEV.: -13.79'
G.F. ELEV.: -14.04'
G.F. ELEV.: -14.29'
G.F. ELEV.: -14.54'
G.F. ELEV.: -14.79'
G.F. ELEV.: -15.04'
G.F. ELEV.: -15.29'
G.F. ELEV.: -15.54'
G.F. ELEV.: -15.79'
G.F. ELEV.: -16.04'
G.F. ELEV.: -16.29'
G.F. ELEV.: -16.54'
G.F. ELEV.: -16.79'
G.F. ELEV.: -17.04'
G.F. ELEV.: -17.29'
G.F. ELEV.: -17.54'
G.F. ELEV.: -17.79'
G.F. ELEV.: -18.04'
G.F. ELEV.: -18.29'
G.F. ELEV.: -18.54'
G.F. ELEV.: -18.79'
G.F. ELEV.: -19.04'
G.F. ELEV.: -19.29'
G.F. ELEV.: -19.54'
G.F. ELEV.: -19.79'
G.F. ELEV.: -20.04'
G.F. ELEV.: -20.29'
G.F. ELEV.: -20.54'
G.F. ELEV.: -20.79'
G.F. ELEV.: -21.04'
G.F. ELEV.: -21.29'
G.F. ELEV.: -21.54'
G.F. ELEV.: -21.79'
G.F. ELEV.: -22.04'
G.F. ELEV.: -22.29'
G.F. ELEV.: -22.54'
G.F. ELEV.: -22.79'
G.F. ELEV.: -23.04'
G.F. ELEV.: -23.29'
G.F. ELEV.: -23.54'
G.F. ELEV.: -23.79'
G.F. ELEV.: -24.04'
G.F. ELEV.: -24.29'
G.F. ELEV.: -24.54'
G.F. ELEV.: -24.79'
G.F. ELEV.: -25.04'
G.F. ELEV.: -25.29'
G.F. ELEV.: -25.54'
G.F. ELEV.: -25.79'
G.F. ELEV.: -26.04'
G.F. ELEV.: -26.29'
G.F. ELEV.: -26.54'
G.F. ELEV.: -26.79'
G.F. ELEV.: -27.04'
G.F. ELEV.: -27.29'
G.F. ELEV.: -27.54'
G.F. ELEV.: -27.79'
G.F. ELEV.: -28.04'
G.F. ELEV.: -28.29'
G.F. ELEV.: -28.54'
G.F. ELEV.: -28.79'
G.F. ELEV.: -29.04'
G.F. ELEV.: -29.29'
G.F. ELEV.: -29.54'
G.F. ELEV.: -29.79'
G.F. ELEV.: -30.04'
G.F. ELEV.: -30.29'
G.F. ELEV.: -30.54'
G.F. ELEV.: -30.79'
G.F. ELEV.: -31.04'
G.F. ELEV.: -31.29'
G.F. ELEV.: -31.54'
G.F. ELEV.: -31.79'
G.F. ELEV.: -32.04'
G.F. ELEV.: -32.29'
G.F. ELEV.: -32.54'
G.F. ELEV.: -32.79'
G.F. ELEV.: -33.04'
G.F. ELEV.: -33.29'
G.F. ELEV.: -33.54'
G.F. ELEV.: -33.79'
G.F. ELEV.: -34.04



NYS Education Law

Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

© SESI CONSULTING ENGINEERS 2025
This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS

NOTE:

THIS PLAN IS FOR LOCATING BORINGS, TEST PITS & SOIL VAPOR POINTS ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.

REFERENCE

1. EXISTING CONDITIONS & BOUNDARY ARE TAKEN FROM "TOPOGRAPHIC SURVEY OF PROPERTY" PREPARED BY GEOLOGIC LAND SURVEYING, PLLC, DATED NOVEMBER 18, 2024.

dwg by: AW
chk by: SL
scale: AS NOTED
date: 02/11/2025

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

project: 418 NORTH DIVISION STREET
CITY OF PEEKSKILL
WESTCHESTER COUNTY, NEW YORK

title: SOIL VAPOR SAMPLE LOCATIONS AND CONCENTRATION PLAN

job no: 13904
drawing no: FIG 3.3

N:\ACAD\13904\CAD\ENVIRONMENTAL\13904.DWG_SITE_LOCATION_PLAN.DWG 03/14/25 03:50:18PM, alan.ward, LAYOUT: VAPOR

Appendix A:

Boring Logs

SESI CONSULTING ENGINEERS

PROJECT NAME:	418 N Division st	GEOPROBE NO.	**SB-1**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG Environmental	DATE STARTED:	12/19/2024	GROUNDWATER TABLE DEPTH:
INSPECTOR: CB	DATE COMPLETED:	12/19/2024	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	30	1	0			(0-0.5) concrete	0
						(0.5-2.5) Fill: Black coarse to fine SAND, some coarse to fine gravel, little silt	0
					SB-1 (3.5-4)	(2.5-3) Fill: red brick	13
							0
5				5		(3-5) Gray/ yellow coarse to fine SAND and GRAVEL, little silt	1
	27	2	5				2
						(5-8) Gray/ red coarse to fine SAND and GRAVEL, little silt. wet at 5'	3
							4
							0
10				10		(8-10) Gray coarse to fine SAND and GRAVEL, little silt	0
						EOB refusal +/- 10 ft Bgs	0
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	418 N Division st	GEOPROBE NO.	**SB-2**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG Environmental	DATE STARTED: 12/19/2024	GROUNDWATER TABLE DEPTH:	
INSPECTOR: CB	DATE COMPLETED: 12/19/2024	0 Hr. / 24 Hr. / Date	

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	30	1	0		SB-2 (0.5-1)	(0-0.5) concrete	0
							0
							0
						(0.5-5) Fill: Brown/ gray coarse to fine SAND and GRAVEL, some silt	0
							0
5				5			0
	47	2	5				0
							0
						(5-9) Brown/yellow coarse to fine SAND and GRAVEL, some silt. wet at 7'	0
							0
10				10		(9-10) Gray silty CLAY, little coarse to fine SAND	0
						EOB +/- 10 ft Bgs	
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	418 N Division st	GEOPROBE NO.	**SB-3**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG Environmental	DATE STARTED:	12/19/2024	GROUNDWATER TABLE DEPTH:
INSPECTOR: CB	DATE COMPLETED:	12/19/2024	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	20	1	0			(0-0.5) concrete	0
							0
						(0.5-4) Fill: Black/ gray coarse to fine SAND and GRAVEL, little silt	0
							0
5				5		(4-5) Brown coarse to fine SAND and GRAVEL, little silt	2
	54	2	5		SB-3 (5-5.5)		4
						(5-7) Brown/ gray coarse to fine SAND, some coarse to fine gravel, little silt	0
				8		(7-8) Gray/ white rock	0
						EOB (refusal) +/- 8 ft Bgs	
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	418 N Division st	GEOPROBE NO.	**SB-7**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG Environmental	DATE STARTED:	12/20/2024	GROUNDWATER TABLE DEPTH:
INSPECTOR: CB	DATE COMPLETED:	12/20/2024	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	26	1	0		SB-7 (0.5-1)	(0-0.5) concrete	0
						(0.5-2) black/brown coarse to fine SAND, some coarse to fine gravel, some silt, staining	0
				3			0
	36	2	3			(2-6) gray/brown coarse to fine SAND and GRAVEL, some silt	0
5							0
				6			0
	12	3	6			(6-9) gray/brown coarse to medium SAND, some coarse to fine gravel, little silt	0
							0
							0
10				9		EOB +/- 9 (refusal)	
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	418 N Division st	GEOPROBE NO.	**SB-8**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG Environmental	DATE STARTED:	12/20/2024	GROUNDWATER TABLE DEPTH:
INSPECTOR: CB	DATE COMPLETED:	12/20/2024	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	36	1	0		SB-7 (0.5-1)	(0-0.5) concrete	0
						(0.5-2) Fill: Dark brown coarse to fine SAND, some coarse to fine gravel, little silt	0
							0
						(2-5) light brown/gray coarse to fine SAND and GRAVEL, some silt	0
5							0
	16	2	5			(5-7) brown/gray coarse to fine SAND and GRAVEL, little silt	0
				7			0
						EOB (refusal) +/- 7ft Bgs	
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	418 N Division st	GEOPROBE NO.	**SB-9**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG Environmental	DATE STARTED:	12/19/2024	GROUNDWATER TABLE DEPTH:
INSPECTOR: CB	DATE COMPLETED:	12/19/2024	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	44	1	0		SB-9 (0.5-1)	(0-0.5) concrete	0
						(0.5-1.5) Black coarse to fine SAND, some coarse to fine gravel, little silt, trace clay	0
							0
						(1.5-5) light brown/ gray coarse to fine SAND, some coarse t fine gravel and silt, trace clay	0
5				5			0
						EOB +/- 5 ft Bgs	
10							
15				15		f	
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	418 N Division st	GEOPROBE NO.	**SB-10**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG Environmental	DATE STARTED:	12/19/2024	GROUNDWATER TABLE DEPTH:
INSPECTOR: CB	DATE COMPLETED:	12/19/2024	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0		1	0		SB-10 (0.5-1)	(0-0.5) concrete	0
						(0.5-1) Fill: Brown coarse to fine SAND, some coarse to fine gravel and silt	0
						(1-1.5) Brown coarse to fine SAND, some coarse to fine gravel and silt	0
							0
5				5		(1.5-6) Brown coarse to fine SAND, some coarse to fine gravel, little silt	0
			5				0
							0
						(6-8) Brown / gray coarse to fine SAND and SILT, some coarse to fine gravel	0
						(8-9.5) crushed rock, coarse to fine gravel	0
10				10		(9.5-10) weathered bedrock	0
						EOB +/- 10 ft Bgs	
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	418 N Division st	GEOPROBE NO.	**SB-11**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG Environmental	DATE STARTED:	12/19/2024	GROUNDWATER TABLE DEPTH:
INSPECTOR: CB	DATE COMPLETED:	12/19/2024	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	36	1	0		SB-11 (0.5-1)	(0-0.5) concrete	0
						(0.5-1.5) Black coarse to fine SAND and SILT, some coarse to fine gravel, trace clay	0
						(1.5-4) Brown coarse to fine SAND, some silt, little coarse to fine gravel, trace clay	0
							0
5				5		(4-5) rock: coarse to fine GRAVEL	0
						EOB (refusal) +/- 5 ft Bgs	
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	418 N Division st	GEOPROBE NO.	**SB-12**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG Environmental	DATE STARTED: 12/19/2024	GROUNDWATER TABLE DEPTH:	
INSPECTOR: CB	DATE COMPLETED: 12/19/2024	0 Hr. / 24 Hr. / Date	

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	35	1	0		SB-12 (0.5-1)	(0-0.5) concrete	0
							0
							0
							0
5				5		(0.5-7) Brown coarse to fine SAND, some coarse to fine gravel and silt	0
	36	2	5				0
							0
						(7-8) Brown/black/ gray coarse to fine SAND and GRAVEL, little silt	0
						(8-10) Yellow coarse to fine SAND and GRAVEL, little silt	0
10				10			0
						EOB +/- 10 ft Bgs	
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	418 N Division st	GEOPROBE NO.	**SB-13**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG Environmental	DATE STARTED:	12/19/2024	GROUNDWATER TABLE DEPTH:
INSPECTOR: CB	DATE COMPLETED:	12/19/2024	0 Hr. | 24 Hr. | Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	22	1	0		SB-13 (1-1.5)	(0-0.5) concrete	8
				2		(0.5-1.5) Fill: Black coarse to fine SAND, some coarse to fine gravel, little silt, trace clay	0
						(1.5-2) Brown coarse to fine SAND, some coarse to fine gravel, little silt, trace clay	
						EOB Refusal (bedrock) +/- 2 ft Bgs	
5							
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	418 N Division st	GEOPROBE NO.	**SB-14**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG Environmental	DATE STARTED:	12/19/2024	GROUNDWATER TABLE DEPTH:
INSPECTOR: CB	DATE COMPLETED:	12/19/2024	0 Hr. | 24 Hr. | Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	30	1	0		SB-14 (0.5-1)	(0-1.5) concrete	0
						(1.5-2.5) Brown coarse to fine SAND and SILT, some coarse to fine gravel, trace clay	0
				2.5		EOD Refusal (bedrock) +/- 2.5 ft bgs	0
5							
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	418 N Division st	GEOPROBE NO.	**SB-15**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG Environmental	DATE STARTED:	12/20/2024	GROUNDWATER TABLE DEPTH:
INSPECTOR: CB	DATE COMPLETED:	12/20/2024	0 Hr. / 24 Hr. / Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	24	1	0		SB-15 (0.5-1)	(0-.5) concrete	0
							0
				3		(0.5-4) Fill: brick, dark brown coarse to fine SAND, some coarse to fine gravel, little silt, trace clay	0
			3				0
5	10			5		(4-5) crushed rock, tan/white coarse to fine SAND, some coarse to fine gravel ,trace silt and clay	0
						EOB (refusal) +/- 5 ft Bgs	
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	13904	GEOPROBE NO.	**SB-100**
LOCATION:	418 N. Division St., Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG Environmental	DATE STARTED:	1/31/2025	GROUNDWATER TABLE DEPTH: none
INSPECTOR: Eliana Diaz	DATE COMPLETED:	1/31/2025	0 Hr. ___ 24 Hr. Date 1/31/25

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	22	1	0		SB-100 (1.0-1.8)	(0" - 6") concrete slab pieces	0
						(6" - 3') light brown medium to fine SAND, little coarse to fine gravel, trace silt	10.5
						no odor, dry	38.2
				3			38.2
5						EOB (refusal) +/- 3 ft Bgs	
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	13904	GEOPROBE NO.	**SB-101**
LOCATION:	418 N. Division St., Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG Environmental	DATE STARTED: 1/31/2025	GROUNDWATER TABLE DEPTH: none	
INSPECTOR: Eliana Diaz	DATE COMPLETED: 1/31/2025	0 Hr.	24 Hr. Date 1/31/25

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	11	1	0		SB-101 (0.5-1.0)	(0" - 6") concrete slab pieces	0
						(6" - 3') Fill: Brown medium to fine SAND, little medium to fine gravel, little silt	0
						with brick pieces, no odor, dry	0
				3			0
5						EOB (refusal) +/- 3 ft Bgs	
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	13904	GEOPROBE NO.	**SB-102**
LOCATION:	418 N. Division St., Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG	DATE STARTED: 1/29/2025	GROUNDWATER TABLE DEPTH: none	
INSPECTOR: Ronnie R	DATE COMPLETED: 1/29/2025	0 Hr.	24 Hr. Date 1/31/25

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	18"	1	0		SB-102 (0.5-1.0)	(0" - 6") concrete slab pieces	0
						(6" - 4') Light brown m-f SAND, little c-f gravel, little silt	0
						no odor, dry	0
				4		(4'-5') light brown to dark gray c-f gravel, little silt,	0
5	36"	2	4			no odor, dry	0
						(5'-7') light brown m-f SAND, little gravel, trace silt	0
				7		no odor, dry	0
						refusal at 7 fbs	
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	13904	GEOPROBE NO.	**SB-103**
LOCATION:	418 N. Division St., Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY:	PG Environmental	DATE STARTED:	1/29/2025
INSPECTOR:	Eliana Diaz	DATE COMPLETED:	1/29/2025

GROUNDWATER TABLE DEPTH: none (0 Hr. | 24 Hr. | Date 1/29/25)

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	24	1	0		SB-103 (1.0-1.5)	(0' - 1') concrete shavings/fragments	0
						(1' - 5') brown to light brown fine SAND, some coarse to fine gravel	0.1
						little silt, no odor, no staining, dry	0.2
							0.1
5				5			0
						EOB (refusal) +/- 5 ft Bgs	
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	13904	GEOPROBE NO.	**SB-104**
LOCATION:	418 N. Division St., Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG Environmental	DATE STARTED: 1/31/2025	GROUNDWATER TABLE DEPTH: none	
INSPECTOR: Eliana Diaz	DATE COMPLETED: 1/31/2025	0 Hr. / 24 Hr.	Date 1/31/25

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	11	1	0		SB-104 (0.5-1.0)	(0" - 6") concrete slab pieces	0
						(6" - 2') Fill: brown/gray medium to fine SAND, little silt, little medium to fine gravel	0
				2		no odor, dry	0
						EOB (refusal) +/- 2 ft Bgs	
5							
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	13904	GEOPROBE NO.	**SB-105**
LOCATION:	418 N. Division St., Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY:	PG Environmental	DATE STARTED:	1/31/2025
INSPECTOR:	Eliana Diaz	DATE COMPLETED:	1/31/2025

GROUNDWATER TABLE DEPTH: none (0 Hr. | 24 Hr. | Date 1/31/25)

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	23	1	0		SB-105 (0.5-1.0)	(0" - 2") asphalt pieces	0
						(2"-5") gray coarse to fine gravel, little medium to fine sand	0
						(5" - 4') light brown medium to fine SAND, little silt, little medium to fine gravel	0
				4		no odor, moist throughout	0
5							
						EOB (refusal) +/- 4 ft Bgs	
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	13904	GEOPROBE NO.	**SB-106**
LOCATION:	418 N. Division St., Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY:	PG Environmental	DATE STARTED:	1/31/2025
INSPECTOR:	Eliana Diaz	DATE COMPLETED:	1/31/2025

GROUNDWATER TABLE DEPTH: none

0 Hr. | 24 Hr. | Date 1/31/25

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	29	1	0		SB-106 (0.5-1.0)	(0" - 2") asphalt pieces	0
						(2"-6") gray coarse to fine gravel, little medium to fine sand, trace silt	0
						(6" - 5') light brown medium to fine SAND, little silt, little medium to fine gravel	0
						no odor, moist throughout	0
5				5			0
						EOB (refusal) +/- 5 ft Bgs	
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	Peekskill (STAGG)	GEOPROBE NO.	**SB-107**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	D.Push	GROUND ELEVATION:	+/-
GEOPROBE BY: PG Environmental: Angel +2	DATE STARTED: 1/28/2025	GROUNDWATER TABLE DEPTH: No water observed in overburden	
INSPECTOR: Ronnie Reynoso	DATE COMPLETED: 1/28/2025	0 Hr.	24 Hr. Date 1/28/2025

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	30	1	0		SB-107 (0.5-1)	(0-.5)' Approximately 4" inches of Asphalt (0.5-4)' Possible Fill: Dark brown to browm coasre to fine SAND, little medium to fine Gravel, with wetahered bedrock fragments. No visual impacts. No odor. Mostly dry.	0
							0
							0
							0
3				4			0
						End of Boring at +/- 4 feet BGS due to bedrock refusal.	0
							0
							0
							0
6							0
9							
12							
15							
30							
35							
40							
45							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE 4.1

SESI CONSULTING ENGINEERS

PROJECT NAME:		GEOPROBE NO.	**SB-108**
LOCATION:		JOB NO.	
METHOD:		GROUND ELEVATION:	
GEOPROBE BY:	DATE STARTED: 1/25/2025	GROUNDWATER TABLE DEPTH:	
INSPECTOR:	DATE COMPLETED:	0 Hr.	24 Hr. Date

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	16	1	0		SB-108 (05.-1)	Concrete slab pieces	0
							0
							0
				4		Light brown coarse to fine Sand, little Silt, trace medium to fine Gravel	0
5							0
	24	2	4				0
						Light brown medium to fine Sand, little medium to fine Gravel, trace Silt (no smell, dry)	0
							0
				9			0
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	13904	GEOPROBE NO.	**SB-109**
LOCATION:	418 N. Division St., Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG Environmental	DATE STARTED:	1/31/2025	GROUNDWATER TABLE DEPTH: none
INSPECTOR: Eliana Diaz	DATE COMPLETED:	1/31/2025	0 Hr. / 24 Hr. / Date 1/31/25

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	28	1	0		SB-109 (0.5-1.0)	(0" - 6") concrete slab pieces	0
						(6" - 3') Fill: brown medium to fine SAND, little silt, little coarse to fine gravel	0
				3		no odor, moist beneath concrete slab pieces	0
			3			(3' - 7') light brown medium to fine SAND, some coarse to fine gravel, little silt	0
5						no odor, moist throughout	0
							0
				7			0
						EOB (refusal) +/- 7 ft Bgs	
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	Peekskill (STAGG)	GEOPROBE NO.	**SB-110**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	D.Push	GROUND ELEVATION:	+/-
GEOPROBE BY: PG Environmental: Angel +2	DATE STARTED: 1/28/2025	GROUNDWATER TABLE DEPTH: No water observed in overburden	
INSPECTOR: Ronnie Reynoso	DATE COMPLETED: 1/28/2025	0 Hr.	24 Hr. Date 1/28/2025

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	17	1	0		SB-110 (0.5-1)	(0-.5)' Approximately 6 inches of concrete slab fragments (0.5-3)' Fill: Dark brown medium to fine SAND, little medium to fine Gravel, little Silt w/ ceramic and brick. No visual impacts. No odor. Mostly dry.	0
							0
							0
							0
3				3			0
	22	2	3			(3-7)' Possible fill: Dark brown to brown medium to fine SAND, little Silt, little medium to fine Gravel, No visual impacts. No odor. Mostly dry.	0
							0
							0
							0
6				7			0
						End of Boring at +/- 7 feet BGS due to bedrock refusal.	
9							
12							
15							
30							
35							
40							
45							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE 4.1

SESI CONSULTING ENGINEERS

PROJECT NAME:	Peekskill (STAGG)	GEOPROBE NO.	**SB-111**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	D.Push	GROUND ELEVATION:	+/-
GEOPROBE BY: PG Environmental: Angel +2	DATE STARTED: 1/28/2025	GROUNDWATER TABLE DEPTH: No water observed in overburden	
INSPECTOR: Ronnie Reynoso	DATE COMPLETED: 1/28/2025	0 Hr. / 24 Hr. / Date 1/28/2025	

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	25	1	0		SB-111 (0.5-1)	(0-.5) Approximately 4-inches of Asphalt fragments	0
						(0.5-3)' Fill: Black to dark brown coarse to fine SAND, little coarse to fine Gravel, trace Silt. moderate dark staining, faint fuel odor, Mostly dry.	1.6
							0.5
							2.2
3				3			0
	14	2	3			(3-9)' Possible fill: Light brown fine SAND, some Silt, little coarse to medium Gravel. No visual impacts. No odor, with some pid readings above 0 ppm. Mostly dry.	0
							0
							0
							0
6				6			0
	20		6			End of Boring at +/-9 feet BGS due to bedrock refusal.	
9				9			
			9				
12				12			
15							
30							
35							
40							
45							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE 4.1

SESI CONSULTING ENGINEERS

PROJECT NAME:	Peekskill (STAGG)	GEOPROBE NO.	**SB-112**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	D.Push	GROUND ELEVATION:	+/-
GEOPROBE BY: PG Environmental: Angel +2	DATE STARTED: 1/28/2025	GROUNDWATER TABLE DEPTH: No water observed in overburden	
INSPECTOR: Ronnie Reynoso	DATE COMPLETED: 1/28/2025	0 Hr.	24 Hr. Date 1/28/2025

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	22	1	0		SB-112 (0.5-1)	(0-.5) Approximately 6 inches of concrete slab fragments	0
						(0.5-3)' Fill: Light brown medium to fine SAND, little medium to fine Gravel, little Silt. No visual impacts. No odor. Mostly dry.	0
							0
						(3-6)' Possible fll: Light brown medium to fine SAND, some coarse to fine Gravel, little Silt. No visual impacts. No odor. Mostly dry.	0
3				3			0
	18	2	3			End of Boring at +/- 6 feet BGS due to bedrock refusal.	0
							0
							0
							0
6				6			0
9							
12							
15							
30							
35							
40							
45							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE 4.1

SESI CONSULTING ENGINEERS

PROJECT NAME:	Peekskill (STAGG)	GEOPROBE NO.	**SB-113**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	D.Push	GROUND ELEVATION:	+/-
GEOPROBE BY: PG Environmental: Angel +2	DATE STARTED: 1/28/2025	GROUNDWATER TABLE DEPTH: No water observed in overburden	
INSPECTOR: Ronnie Reynoso	DATE COMPLETED: 1/28/2025	0 Hr.	24 Hr. Date 1/28/2025

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	23	1	0		SB-113 (0.5-1)	(0-.5) Approximately 6 inches of concrete fragments	0
						(0.5-5)' Fill: Light brown to brown medium to fine SAND, some coarse to fine	0
						Gravel, trace Silt. No visual impacts. No odor. Mostly dry.	0
							0
3				3			0
	18	2	3			End of Boring at +/-5 feet BGS due to bedrock refusal.	0
							0
							0
							0
6				5			0
9							
12							
15							
30							
35							
40							
45							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE 4.1

SESI CONSULTING ENGINEERS

PROJECT NAME:	Peekskill (STAGG)	GEOPROBE NO.	**SB-114**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	D.Push	GROUND ELEVATION:	+/-
GEOPROBE BY: PG Environmental: Angel +2	DATE STARTED: 1/28/2025	GROUNDWATER TABLE DEPTH: No water observed in overburden	
INSPECTOR: Ronnie Reynoso	DATE COMPLETED: 1/28/2025	0 Hr.	24 Hr. Date 1/28/2025

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	20	1	0		SB-114 (0.5-1)	(0-.5)' Approximately 6 inches of concrete slab fragments (0.5-3)' Fill: Light browm to brown medium fne SAND, little medium to fine Gravel, little Silt. No visual impacts. No odor. Mostly dry.	0
							0
							0
							0.1
3				3			0
	25	2	3			(3-6)' Possible fill: Light brown to brown medium to fine, little medium to fine Gravel, little Silt. No visual impacts. No odor. Mostly dry.	0
							0
							0
							0
6				6			0
	16	3	6			(6-9)' Possible fill: Light brown fine SAND, some coarse to fine Gravel, little silt, with red brick historic fill. bedrock fragments. No visual impacts. No odor. Mostly dry	
9				9			
						End of Boring at +/- 9 feet BGS due to bedrock refusal.	
12							
15							
30							
35							
40							
45							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE 4.1

SESI CONSULTING ENGINEERS

PROJECT NAME:	Peekskill (STAGG)	GEOPROBE NO.	**SB-115**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	D.Push	GROUND ELEVATION:	+/-
GEOPROBE BY: PG Environmental: Angel +2	DATE STARTED: 1/28/2025	GROUNDWATER TABLE DEPTH: No water observed in overburden	
INSPECTOR: Ronnie Reynoso	DATE COMPLETED: 1/28/2025	0 Hr. / 24 Hr.	Date 1/28/2025

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	24	1	0		SB-115 (0.5-1)	(0-.5)' Approximately 6 inches of concrete slab fragments	0
						(0.5-1.5)' Fill: Black to dark brown coarse to fine SAND, little fine Gravel, trace Silt, with glass and ceramic historic fill. No visual impacts. No odor. dry.	0
						(1.5-2)' Possible fill:Tan brick/ceramic historic fill fragments, and brown medium to fine SAND, trace fine Gravel, Trace Silt. No visual impacts. No odor. dry.	0
							0
3				3			0
	21	2	3			(2-3)' Possible fill: Light brown fine SAND, some coarse to medium Gravel, little silt. No visual impacts. No odor. Mostly dry.	0
						(3-6)' Possible fill: Light brown medium to fine SAND, trace fine Gravel, little Silt. No visual impacts. No odor. Mostly dry.	0
							0
							0
6				6			0
						End of Boring at +/- 6 feet BGS due to bedrock refusal.	
9							
12							
15							
30							
35							
40							
45							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE 4.1

SESI CONSULTING ENGINEERS

PROJECT NAME:	Peekskill (STAGG)	GEOPROBE NO.	SB-116
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	D.Push	GROUND ELEVATION:	+/-
GEOPROBE BY: PG Environmental: Angel +2	DATE STARTED:	1/28/2025	GROUNDWATER TABLE DEPTH: No water observed in overburden
INSPECTOR: Ronnie Reynoso	DATE COMPLETED:	1/28/2025	0 Hr. / 24 Hr. / Date 1/28/2025

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	10	1	0		SB-116 (2-2.5)	(0-.5)' Approximately 4 inches of concrete slab fragments	0
					Low recovery	(0.5-3)' Fill: Brown medium to fine SAND, little medium to fine Gravel, trace Silt. No visual impacts. No odor. Mostly dry.	0
							0
							0
3				3			0
	17	2	3			(3-4.5)' Possible fill: Dark brown medium to fine SAND, little medium to fine Gravel, little Silt. No visual impacts. No odor. Mostly dry.	0
						(4.5-10)' Possible fill: Brown to light brown fine SAND, little fine Gravel, little Silt, trace Clay. No visual impacts. Faint organic decompostion odor. Slightly moist.	0
							0
							0
6				6			0
				10			13.4 (8'-8.5')
							0 ppm to 10'
12							
15							
30							
35							
40							
45							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE 4.1

SESI CONSULTING ENGINEERS

PROJECT NAME:	13904	GEOPROBE NO.	**SB-117**
LOCATION:	418 N. Division St., Peekskill, NY	JOB NO.	13904
METHOD:	Direct Push	GROUND ELEVATION:	
GEOPROBE BY: PG Environmental	DATE STARTED: 1/31/2025	GROUNDWATER TABLE DEPTH: none	
INSPECTOR: Eliana Diaz	DATE COMPLETED: 1/31/2025	0 Hr. / 24 Hr.	Date 1/31/25

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0	12	1	0		SB-117 (0.5-1.0)	(0" - 6") concrete slab pieces	0
						(6" - 2') brown medium - fine SAND, little silt, little coarse - fine gravel	0
				2		no odor, dry	0
						EOB (refusal) +/- 2 ft Bgs	
5							
10							
15							
20							
25							
30							
35							
40							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	1⅜ in

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE #

SESI CONSULTING ENGINEERS

PROJECT NAME:	Peekskill (STAGG)	GEOPROBE NO.	**SB-118**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	D.Push	GROUND ELEVATION:	+/-
GEOPROBE BY: PG Environmental: Angel +2	DATE STARTED: 1/28/2025	GROUNDWATER TABLE DEPTH: No water observed in overburden	
INSPECTOR: Ronnie Reynoso	DATE COMPLETED: 1/28/2025	0 Hr.	24 Hr. Date 1/28/2025

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	15	1	0		SB-118 (3.5-4)	(0-0.5) Approximately 4-inches of Asphalt fragments	2
						(0.5-3)' Fill:: Brown to dark brown medium to fine SAND, little medium to fine Gravel, little Silt, moderate dark staining, faint fuel odor, Mostly dry.	9.3
							8.3
						(3-5)' Possible fill: Brown to dark brown medium to fine SAND, little medium to fine Gravel, little silt. No visual impacts. No odor. Mostly dry.	5.2
3				3			35
	21	2	3				5
							0
							0
							0
6				5			0
						□□d□□□B□r□□□□□□□-□□□□□B□S□d□□□□□□dr□□□r□□□□	
9							
12							
15							
30							
35							
40							
45							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE 4.1

SESI CONSULTING ENGINEERS

PROJECT NAME:	Peekskill (STAGG)	GEOPROBE NO.	**SB-119**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:	D.Push	GROUND ELEVATION:	+/-
GEOPROBE BY: PG Environmental: Angel +2	DATE STARTED: 1/28/2025	GROUNDWATER TABLE DEPTH: No water observed in overburden	
INSPECTOR: Ronnie Reynoso	DATE COMPLETED: 1/28/2025	0 Hr.	24 Hr. Date 1/28/2025

DEPTH (ft)	RECOVERY (in)	SAMPLE TUBE No.	DEPTH FROM (ft)	DEPTH TO (ft)	ENVIRONMENTAL SOIL SAMPLE NAME	SOIL DESCRIPTION AND STRATIFICATION	PID
0							
	28	1	0		SB-119 (8-8.5)	(0-.5)' Approximately 4 inches of concrete slab fragments	0
						(0.5-3)' Fill: Light brown medium to fine SAND, little Silt, little medium Gravel.	0
						No visual impacts. No odor. Mostly dry.	0
							0
3				3			0
	32	2	3			(3-10)' Possible fill: Tan medium to fine SAND, little medium to fine Gravel,	0
						little Silt. Dark staining observed below 6'. Faint fuel odor, Mostly dry.	0
							0
							0
6	19			6			0
			6				3.2 (6')
							0
							0
							10 (7.5)
9				10			13.4 (8'-8.5')
						□□d□□□B□r□□□□□□□-1□□□□□B□S	0 ppm to 10'
12							
15							
30							
35							
40							
45							

Nominal I.D. of Hole	in.
Nominal I.D. of Barrel Sampler	

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted.

Pp: Pocket Penetrometer; DP: Direct Push

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _ _

Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

FIGURE 4.1

Appendix B:

Laboratory Reports

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

NY ANALYTICAL SERVICES PROTOCOL DATA PACKAGE

SESI Consulting Engineers

PEEKSKILL NY

GCS34475

Ver 1

Data Package Table of Contents

GCS34475 Analytical Report 4
- Cover Letter 4
- Project Summary 5
- SDG Comments 8
- Sample Id Cross Reference 9
- Analytical Report 10
- Canister Sampling Information 19
- QA/QC Report 20
- Sample Criteria Exceedances Report 22
- COC-GCS34475 23

GCS34475 Air V1 24
- Organic Flags 25
- Non-Conformance Summary 26
- Monitoring Compound Recovery (Form 2) 28
- Spike Recovery (Form 3) 29
- Method Blank Summary (Form 4) 31
- Tune Summary (Form 5) 32
  - CHEM20 - 1213_03.D 32
  - CHEM20 - 1223_02.D 34
- Internal Standard (Form 8) 36
  - CHEM20 - 12/13/24 20:23 36
  - CHEM20 - 12/23/24 12:11 38
- Analysis Data Sheet (Form 1) 40
  - CS34475 / SV-1 5X 40
  - CS34476 / SV-3 5X 51
  - CS34477 / SV-2 5X 62
- Initial Calibration Summary (Form 6) 76
  - CHEM20 76
  - CHEM20 - 12/13/24 79
  - CHEM20 - ICV_1213 136
- Continuing Calibration Summary (Form 7) 142
  - CHEM20 - 12/23/24 12:11 142
  - CHEM20 - 12/24/24 10:35 152
- Analysis Data Sheet QC (Form 1) 162
  - CS34443 LCS 162

CS34443 QC 168
CS34443 BLANK 181
CS34443 DUP 185
Canister Cleaning Batch# 3651 198
Injection Log 203
Injection Log - CHEM20 12/30/99 203
Injection Log - CHEM20 12/30/99 205
Injection Log - CHEM24 12/13/02 207

Sunday, February 16, 2025

Attn: Amine Dahmani, PhD
SESI Consulting Engineers
12A Maple Avenue
Pinebrook, NJ 07058

Project ID: **PEEKSKILL NY**
SDG ID: **GCS34475**
Sample ID#s: **CS34475 - CS34477**

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client: SESI Consulting Engineers

Project: PEEKSKILL NY

Laboratory Project: GCS34475

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

February 16, 2025 **SDG I.D.: GCS34475**

SESI Consulting Engineers PEEKSKILL NY

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

February 16, 2025

SDG I.D.: GCS34475

SESI Consulting Engineers PEEKSKILL NY

Laboratory Chronicle

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
CS34475	Volatiles (TO15)	12/20/24	12/24/24	12/24/24	KCA	Y
CS34476	Volatiles (TO15)	12/20/24	12/24/24	12/24/24	KCA	Y
CS34477	Volatiles (TO15)	12/20/24	12/24/24	12/24/24	KCA	Y

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

February 16, 2025

SDG I.D.: GCS34475

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

February 16, 2025

SDG I.D.: GCS34475

Project ID: PEEKSKILL NY

Client Id	Lab Id	Matrix	Col Date
SV-1	CS34475	AIR	12/20/24 8:55
SV-3	CS34476	AIR	12/20/24 9:00
SV-2	CS34477	AIR	12/20/24 8:45

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

February 16, 2025

FOR: Attn: Amine Dahmani, PhD
SESI Consulting Engineers
12A Maple Avenue
Pinebrook, NJ 07058

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	CB	12/20/24	8:55
Location Code:	SESI-NYSAMPLES	Received by:	B	12/23/24	18:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	13904				
Canister Id:	7647				

Laboratory Data

SDG ID: GCS34475
Phoenix ID: CS34475

Project ID: PEEKSKILL NY
Client ID: SV-1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	12/24/24	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	12/24/24	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	12/24/24	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	12/24/24	KCA	5	
1,1-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	12/24/24	KCA	5	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	12/24/24	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	0.674	ND	*5.00*	5.00	12/24/24	KCA	5	
1,2,4-Trimethylbenzene	1.69	*1.02*	1.02	8.30	*5.01*	5.01	12/24/24	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	0.651	ND	*5.00*	5.00	12/24/24	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	12/24/24	KCA	5	
1,2-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	12/24/24	KCA	5	
1,2-dichloropropane	ND	*1.08*	1.08	ND	*4.99*	4.99	12/24/24	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	0.716	ND	*5.00*	5.00	12/24/24	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	12/24/24	KCA	5	
1,3-Butadiene	ND	*2.26*	2.26	ND	*5.00*	5.00	12/24/24	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	12/24/24	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	12/24/24	KCA	5	
1,4-Dioxane	ND	*1.39*	1.39	ND	*5.01*	5.01	12/24/24	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	1.22	ND	*4.99*	4.99	12/24/24	KCA	5	1
4-Ethyltoluene	1.52	*1.02*	1.02	7.47	*5.01*	5.01	12/24/24	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	0.911	ND	*5.00*	5.00	12/24/24	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	1.22	ND	*4.99*	4.99	12/24/24	KCA	5	
Acetone	46.4	*2.11*	2.11	110	*5.01*	5.01	12/24/24	KCA	5	
Acrylonitrile	ND	*2.31*	2.31	ND	*5.01*	5.01	12/24/24	KCA	5	
Benzene	ND	*1.57*	1.57	ND	*5.01*	5.01	12/24/24	KCA	5	
Benzyl chloride	ND	*0.966*	0.966	ND	*5.00*	5.00	12/24/24	KCA	5	

Project ID: PEEKSKILL NY
Client ID: SV-1

Phoenix I.D.: CS34475

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	0.747	ND	*5.00*	5.00	12/24/24	KCA	5	
Bromoform	ND	*0.484*	0.484	ND	*5.00*	5.00	12/24/24	KCA	5	
Bromomethane	ND	*1.29*	1.29	ND	*5.01*	5.01	12/24/24	KCA	5	
Carbon Disulfide	89.7	*1.61*	1.61	279	*5.01*	5.01	12/24/24	KCA	5	
Carbon Tetrachloride	ND	*0.159*	0.159	ND	*1.00*	1.00	12/24/24	KCA	5	
Chlorobenzene	ND	*1.09*	1.09	ND	*5.01*	5.01	12/24/24	KCA	5	
Chloroethane	ND	*1.90*	1.90	ND	*5.01*	5.01	12/24/24	KCA	5	
Chloroform	ND	*1.02*	1.02	ND	*4.98*	4.98	12/24/24	KCA	5	
Chloromethane	ND	*2.42*	2.42	ND	*4.99*	4.99	12/24/24	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	12/24/24	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	12/24/24	KCA	5	
Cyclohexane	11.7	*1.45*	1.45	40.2	*4.99*	4.99	12/24/24	KCA	5	
Dibromochloromethane	ND	*0.587*	0.587	ND	*5.00*	5.00	12/24/24	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	1.01	ND	*4.99*	4.99	12/24/24	KCA	5	
Ethanol	ND	*2.66*	2.66	ND	*5.01*	5.01	12/24/24	KCA	5	1
Ethyl acetate	ND	*1.39*	1.39	ND	*5.01*	5.01	12/24/24	KCA	5	1
Ethylbenzene	ND	*1.15*	1.15	ND	*4.99*	4.99	12/24/24	KCA	5	
Heptane	ND	*1.22*	1.22	ND	*5.00*	5.00	12/24/24	KCA	5	
Hexachlorobutadiene	ND	*0.469*	0.469	ND	*5.00*	5.00	12/24/24	KCA	5	
Hexane	1.63	*1.42*	1.42	5.74	*5.00*	5.00	12/24/24	KCA	5	
Isooctane	ND	*1.07*	1.07	ND	*4.99*	4.99	12/24/24	KCA	5	
Isopropylalcohol	ND	*2.04*	2.04	ND	*5.01*	5.01	12/24/24	KCA	5	
Isopropylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	12/24/24	KCA	5	
m,p-Xylene	4.80	*1.15*	1.15	20.8	*4.99*	4.99	12/24/24	KCA	5	
Methyl Ethyl Ketone	2.76	*1.70*	1.70	8.13	*5.01*	5.01	12/24/24	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	1.39	ND	*5.01*	5.01	12/24/24	KCA	5	
Methylene Chloride	ND	*4.32*	4.32	ND	*15.0*	15.0	12/24/24	KCA	5	
Naphthalene	ND	*1.00*	1.00	ND	*5.23*	5.23	12/24/24	KCA	5	
n-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	12/24/24	KCA	5	1
o-Xylene	1.86	*1.15*	1.15	8.07	*4.99*	4.99	12/24/24	KCA	5	
Propylene	ND	*2.91*	2.91	ND	*5.01*	5.01	12/24/24	KCA	5	1
sec-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	12/24/24	KCA	5	1
Styrene	ND	*1.17*	1.17	ND	*4.98*	4.98	12/24/24	KCA	5	
Tetrachloroethene	0.990	*0.184*	0.184	6.71	*1.25*	1.25	12/24/24	KCA	5	
Tetrahydrofuran	ND	*1.70*	1.70	ND	*5.01*	5.01	12/24/24	KCA	5	1
Toluene	4.26	*1.33*	1.33	16.0	*5.01*	5.01	12/24/24	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	1.26	ND	*4.99*	4.99	12/24/24	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	12/24/24	KCA	5	
Trichloroethene	ND	*0.185*	0.185	ND	*0.99*	0.99	12/24/24	KCA	5	
Trichlorofluoromethane	ND	*0.891*	0.891	ND	*5.00*	5.00	12/24/24	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	0.653	ND	*5.00*	5.00	12/24/24	KCA	5	
Vinyl Chloride	ND	*0.390*	0.390	ND	*1.00*	1.00	12/24/24	KCA	5	
QA/QC Surrogates/Internals										
% Bromofluorobenzene (5x)	104	*%*	%	104	*%*	%	12/24/24	KCA	5	
% IS-1,4-Difluorobenzene (5x)	94	*%*	%	94	*%*	%	12/24/24	KCA	5	
% IS-Bromochloromethane (5x)	94	*%*	%	94	*%*	%	12/24/24	KCA	5	
% IS-Chlorobenzene-d5 (5x)	96	*%*	%	96	*%*	%	12/24/24	KCA	5	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
February 16, 2025
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

February 16, 2025

FOR: Attn: Amine Dahmani, PhD
SESI Consulting Engineers
12A Maple Avenue
Pinebrook, NJ 07058

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	CB	12/20/24	9:00
Location Code:	SESI-NYSAMPLES	Received by:	B	12/23/24	18:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	13904				
Canister Id:	9494				

Laboratory Data

SDG ID: GCS34475
Phoenix ID: CS34476

Project ID: PEEKSKILL NY
Client ID: SV-3

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	12/24/24	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	12/24/24	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	12/24/24	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	12/24/24	KCA	5	
1,1-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	12/24/24	KCA	5	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	12/24/24	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	0.674	ND	*5.00*	5.00	12/24/24	KCA	5	
1,2,4-Trimethylbenzene	1.08	*1.02*	1.02	5.31	*5.01*	5.01	12/24/24	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	0.651	ND	*5.00*	5.00	12/24/24	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	12/24/24	KCA	5	
1,2-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	12/24/24	KCA	5	
1,2-dichloropropane	ND	*1.08*	1.08	ND	*4.99*	4.99	12/24/24	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	0.716	ND	*5.00*	5.00	12/24/24	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	12/24/24	KCA	5	
1,3-Butadiene	ND	*2.26*	2.26	ND	*5.00*	5.00	12/24/24	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	12/24/24	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	12/24/24	KCA	5	
1,4-Dioxane	ND	*1.39*	1.39	ND	*5.01*	5.01	12/24/24	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	1.22	ND	*4.99*	4.99	12/24/24	KCA	5	1
4-Ethyltoluene	1.24	*1.02*	1.02	6.09	*5.01*	5.01	12/24/24	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	0.911	ND	*5.00*	5.00	12/24/24	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	1.22	ND	*4.99*	4.99	12/24/24	KCA	5	
Acetone	38.3	*2.11*	2.11	90.9	*5.01*	5.01	12/24/24	KCA	5	
Acrylonitrile	ND	*2.31*	2.31	ND	*5.01*	5.01	12/24/24	KCA	5	
Benzene	ND	*1.57*	1.57	ND	*5.01*	5.01	12/24/24	KCA	5	
Benzyl chloride	ND	*0.966*	0.966	ND	*5.00*	5.00	12/24/24	KCA	5	

Project ID: PEEKSKILL NY
Client ID: SV-3

Phoenix I.D.: CS34476

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	0.747	ND	*5.00*	5.00	12/24/24	KCA	5	
Bromoform	ND	*0.484*	0.484	ND	*5.00*	5.00	12/24/24	KCA	5	
Bromomethane	ND	*1.29*	1.29	ND	*5.01*	5.01	12/24/24	KCA	5	
Carbon Disulfide	14.8	*1.61*	1.61	46.1	*5.01*	5.01	12/24/24	KCA	5	
Carbon Tetrachloride	ND	*0.159*	0.159	ND	*1.00*	1.00	12/24/24	KCA	5	
Chlorobenzene	ND	*1.09*	1.09	ND	*5.01*	5.01	12/24/24	KCA	5	
Chloroethane	ND	*1.90*	1.90	ND	*5.01*	5.01	12/24/24	KCA	5	
Chloroform	ND	*1.02*	1.02	ND	*4.98*	4.98	12/24/24	KCA	5	
Chloromethane	ND	*2.42*	2.42	ND	*4.99*	4.99	12/24/24	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	12/24/24	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	12/24/24	KCA	5	
Cyclohexane	3.28	*1.45*	1.45	11.3	*4.99*	4.99	12/24/24	KCA	5	
Dibromochloromethane	ND	*0.587*	0.587	ND	*5.00*	5.00	12/24/24	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	1.01	ND	*4.99*	4.99	12/24/24	KCA	5	
Ethanol	ND	*2.66*	2.66	ND	*5.01*	5.01	12/24/24	KCA	5	1
Ethyl acetate	ND	*1.39*	1.39	ND	*5.01*	5.01	12/24/24	KCA	5	1
Ethylbenzene	1.63	*1.15*	1.15	7.07	*4.99*	4.99	12/24/24	KCA	5	
Heptane	ND	*1.22*	1.22	ND	*5.00*	5.00	12/24/24	KCA	5	
Hexachlorobutadiene	ND	*0.469*	0.469	ND	*5.00*	5.00	12/24/24	KCA	5	
Hexane	2.11	*1.42*	1.42	7.43	*5.00*	5.00	12/24/24	KCA	5	
Isooctane	ND	*1.07*	1.07	ND	*4.99*	4.99	12/24/24	KCA	5	
Isopropylalcohol	ND	*2.04*	2.04	ND	*5.01*	5.01	12/24/24	KCA	5	
Isopropylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	12/24/24	KCA	5	
m,p-Xylene	5.72	*1.15*	1.15	24.8	*4.99*	4.99	12/24/24	KCA	5	
Methyl Ethyl Ketone	2.71	*1.70*	1.70	7.99	*5.01*	5.01	12/24/24	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	1.39	ND	*5.01*	5.01	12/24/24	KCA	5	
Methylene Chloride	ND	*4.32*	4.32	ND	*15.0*	15.0	12/24/24	KCA	5	
Naphthalene	ND	*1.00*	1.00	ND	*5.23*	5.23	12/24/24	KCA	5	
n-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	12/24/24	KCA	5	1
o-Xylene	1.83	*1.15*	1.15	7.94	*4.99*	4.99	12/24/24	KCA	5	
Propylene	ND	*2.91*	2.91	ND	*5.01*	5.01	12/24/24	KCA	5	1
sec-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	12/24/24	KCA	5	1
Styrene	ND	*1.17*	1.17	ND	*4.98*	4.98	12/24/24	KCA	5	
Tetrachloroethene	1.34	*0.184*	0.184	9.08	*1.25*	1.25	12/24/24	KCA	5	
Tetrahydrofuran	ND	*1.70*	1.70	ND	*5.01*	5.01	12/24/24	KCA	5	1
Toluene	4.31	*1.33*	1.33	16.2	*5.01*	5.01	12/24/24	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	1.26	ND	*4.99*	4.99	12/24/24	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	12/24/24	KCA	5	
Trichloroethene	ND	*0.185*	0.185	ND	*0.99*	0.99	12/24/24	KCA	5	
Trichlorofluoromethane	ND	*0.891*	0.891	ND	*5.00*	5.00	12/24/24	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	0.653	ND	*5.00*	5.00	12/24/24	KCA	5	
Vinyl Chloride	ND	*0.390*	0.390	ND	*1.00*	1.00	12/24/24	KCA	5	
QA/QC Surrogates/Internals										
% Bromofluorobenzene (5x)	102	*%*	%	102	*%*	%	12/24/24	KCA	5	
% IS-1,4-Difluorobenzene (5x)	94	*%*	%	94	*%*	%	12/24/24	KCA	5	
% IS-Bromochloromethane (5x)	92	*%*	%	92	*%*	%	12/24/24	KCA	5	
% IS-Chlorobenzene-d5 (5x)	97	*%*	%	97	*%*	%	12/24/24	KCA	5	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
February 16, 2025
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

February 16, 2025

FOR: Attn: Amine Dahmani, PhD
SESI Consulting Engineers
12A Maple Avenue
Pinebrook, NJ 07058

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	CB	12/20/24	8:45
Location Code:	SESI-NYSAMPLES	Received by:	B	12/23/24	18:24
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	13904				
Canister Id:	12871				

Laboratory Data

SDG ID: GCS34475
Phoenix ID: CS34477

Project ID: PEEKSKILL NY
Client ID: SV-2

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	12/24/24	KCA	5	1
1,1,1-Trichloroethane	1.83	*0.917*	0.917	10.0	*5.00*	5.00	12/24/24	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	0.729	ND	*5.00*	5.00	12/24/24	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	0.917	ND	*5.00*	5.00	12/24/24	KCA	5	
1,1-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	12/24/24	KCA	5	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	12/24/24	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	0.674	ND	*5.00*	5.00	12/24/24	KCA	5	
1,2,4-Trimethylbenzene	2.18	*1.02*	1.02	10.7	*5.01*	5.01	12/24/24	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	0.651	ND	*5.00*	5.00	12/24/24	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	12/24/24	KCA	5	
1,2-Dichloroethane	ND	*1.24*	1.24	ND	*5.02*	5.02	12/24/24	KCA	5	
1,2-dichloropropane	2.04	*1.08*	1.08	9.42	*4.99*	4.99	12/24/24	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	0.716	ND	*5.00*	5.00	12/24/24	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	12/24/24	KCA	5	
1,3-Butadiene	ND	*2.26*	2.26	ND	*5.00*	5.00	12/24/24	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	12/24/24	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	0.832	ND	*5.00*	5.00	12/24/24	KCA	5	
1,4-Dioxane	ND	*1.39*	1.39	ND	*5.01*	5.01	12/24/24	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	1.22	ND	*4.99*	4.99	12/24/24	KCA	5	1
4-Ethyltoluene	1.74	*1.02*	1.02	8.55	*5.01*	5.01	12/24/24	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	0.911	ND	*5.00*	5.00	12/24/24	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	1.22	ND	*4.99*	4.99	12/24/24	KCA	5	
Acetone	28.2	*2.11*	2.11	66.9	*5.01*	5.01	12/24/24	KCA	5	
Acrylonitrile	ND	*2.31*	2.31	ND	*5.01*	5.01	12/24/24	KCA	5	
Benzene	ND	*1.57*	1.57	ND	*5.01*	5.01	12/24/24	KCA	5	
Benzyl chloride	ND	*0.966*	0.966	ND	*5.00*	5.00	12/24/24	KCA	5	

Project ID: PEEKSKILL NY
Client ID: SV-2

Phoenix I.D.: CS34477

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	0.747	ND	*5.00*	5.00	12/24/24	KCA	5	
Bromoform	ND	*0.484*	0.484	ND	*5.00*	5.00	12/24/24	KCA	5	
Bromomethane	ND	*1.29*	1.29	ND	*5.01*	5.01	12/24/24	KCA	5	
Carbon Disulfide	ND	*1.61*	1.61	ND	*5.01*	5.01	12/24/24	KCA	5	
Carbon Tetrachloride	ND	*0.159*	0.159	ND	*1.00*	1.00	12/24/24	KCA	5	
Chlorobenzene	ND	*1.09*	1.09	ND	*5.01*	5.01	12/24/24	KCA	5	
Chloroethane	ND	*1.90*	1.90	ND	*5.01*	5.01	12/24/24	KCA	5	
Chloroform	88.2	*1.02*	1.02	430	*4.98*	4.98	12/24/24	KCA	5	
Chloromethane	ND	*2.42*	2.42	ND	*4.99*	4.99	12/24/24	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	12/24/24	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	12/24/24	KCA	5	
Cyclohexane	ND	*1.45*	1.45	ND	*4.99*	4.99	12/24/24	KCA	5	
Dibromochloromethane	ND	*0.587*	0.587	ND	*5.00*	5.00	12/24/24	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	1.01	ND	*4.99*	4.99	12/24/24	KCA	5	
Ethanol	ND	*2.66*	2.66	ND	*5.01*	5.01	12/24/24	KCA	5	1
Ethyl acetate	ND	*1.39*	1.39	ND	*5.01*	5.01	12/24/24	KCA	5	1
Ethylbenzene	ND	*1.15*	1.15	ND	*4.99*	4.99	12/24/24	KCA	5	
Heptane	ND	*1.22*	1.22	ND	*5.00*	5.00	12/24/24	KCA	5	
Hexachlorobutadiene	ND	*0.469*	0.469	ND	*5.00*	5.00	12/24/24	KCA	5	
Hexane	ND	*1.42*	1.42	ND	*5.00*	5.00	12/24/24	KCA	5	
Isooctane	ND	*1.07*	1.07	ND	*4.99*	4.99	12/24/24	KCA	5	
Isopropylalcohol	ND	*2.04*	2.04	ND	*5.01*	5.01	12/24/24	KCA	5	
Isopropylbenzene	ND	*1.02*	1.02	ND	*5.01*	5.01	12/24/24	KCA	5	
m,p-Xylene	4.73	*1.15*	1.15	20.5	*4.99*	4.99	12/24/24	KCA	5	
Methyl Ethyl Ketone	2.81	*1.70*	1.70	8.28	*5.01*	5.01	12/24/24	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	1.39	ND	*5.01*	5.01	12/24/24	KCA	5	
Methylene Chloride	ND	*4.32*	4.32	ND	*15.0*	15.0	12/24/24	KCA	5	
Naphthalene	ND	*1.00*	1.00	ND	*5.23*	5.23	12/24/24	KCA	5	
n-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	12/24/24	KCA	5	1
o-Xylene	1.69	*1.15*	1.15	7.33	*4.99*	4.99	12/24/24	KCA	5	
Propylene	5.05	*2.91*	2.91	8.69	*5.01*	5.01	12/24/24	KCA	5	1
sec-Butylbenzene	ND	*0.911*	0.911	ND	*5.00*	5.00	12/24/24	KCA	5	1
Styrene	ND	*1.17*	1.17	ND	*4.98*	4.98	12/24/24	KCA	5	
Tetrachloroethene	170	*0.184*	0.184	1150	*1.25*	1.25	12/24/24	KCA	5	
Tetrahydrofuran	ND	*1.70*	1.70	ND	*5.01*	5.01	12/24/24	KCA	5	1
Toluene	3.73	*1.33*	1.33	14.0	*5.01*	5.01	12/24/24	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	1.26	ND	*4.99*	4.99	12/24/24	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	1.10	ND	*4.99*	4.99	12/24/24	KCA	5	
Trichloroethene	1.80	*0.185*	0.185	9.7	*0.99*	0.99	12/24/24	KCA	5	
Trichlorofluoromethane	ND	*0.891*	0.891	ND	*5.00*	5.00	12/24/24	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	0.653	ND	*5.00*	5.00	12/24/24	KCA	5	
Vinyl Chloride	ND	*0.390*	0.390	ND	*1.00*	1.00	12/24/24	KCA	5	
QA/QC Surrogates/Internals										
% Bromofluorobenzene (5x)	107	*%*	%	107	*%*	%	12/24/24	KCA	5	
% IS-1,4-Difluorobenzene (5x)	94	*%*	%	94	*%*	%	12/24/24	KCA	5	
% IS-Bromochloromethane (5x)	97	*%*	%	97	*%*	%	12/24/24	KCA	5	
% IS-Chlorobenzene-d5 (5x)	90	*%*	%	90	*%*	%	12/24/24	KCA	5	

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The canister was received under no vacuum, therefore sample results may not be representative.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
February 16, 2025
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Canister Sampling Information

February 16, 2025

FOR: Attn: Amine Dahmani, P
SESI Consulting Engine
12A Maple Avenue
Pinebrook, NJ 07058

Location Code: SESI-NYSAMPLES

Project ID: PEEKSKILL NY

						Laboratory							
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	
SV-1	CS34475	7647	6.0L	7000	12/19/24	-30	-30	45	46	2.2	-29		
SV-3	CS34476	9494	6.0L	5706	12/19/24	-30	-4	45	45	0.0	-29		
SV-2	CS34477	12871	6.0L	10682	12/19/24	-30	0	45	45	0.0	-29		

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

QA/QC Report

February 16, 2025

QA/QC Data

SDG I.D.: GCS34475

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 764068 (ppbv), QC Sample No: CS34443 (CS34475 (5X) , CS34476 (5X) , CS34477 (5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	107	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	100	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	99	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	102	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	117	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	110	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	95	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	101	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	101	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	108	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	109	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	100	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.210	ND	0.98	97	1.02	1.02	0.218	0.218	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	95	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	99	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	98	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	95	17.9	18.1	7.56	7.62	0.8	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	93	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	100	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	97	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	110	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	97	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	92	0.43	0.43	0.069	0.068	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	112	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	95	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	105	1.14	1.18	0.552	0.571	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	96	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	101	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	102	2.10	2.23	0.424	0.451	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS34475

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethanol	ND	0.530	ND	1.00	85	235 E	258	125 E	137	9.2	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	122	1.07	1.16	0.297	0.323	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	100	ND	1.00	ND	0.244	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	123	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	99	ND	1.05	ND	0.298	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	90	20.1	20.5	8.18	8.36	2.2	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	99	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	104	2.30	2.48	0.529	0.571	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	93	1.28	1.25	0.433	0.423	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	97	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	101	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.200	ND	1.05	115	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	98	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	100	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	106	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	104	5.23	5.59	0.771	0.824	6.6	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	98	3.73	3.84	0.991	1.02	NC	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	96	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	103	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	103	1.12	1.16	0.199	0.206	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	103	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	103	%	103	%	100	105	112	105	112	NC	70 - 130	25
% IS-1,4-Difluorobenzene	105	%	105	%	92	93	88	93	88	NC	60 - 140	25
% IS-Bromochloromethane	105	%	105	%	92	94	91	94	91	NC	60 - 140	25
% IS-Chlorobenzene-d5	104	%	104	%	98	93	83	93	83	NC	60 - 140	25

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
February 16, 2025

Sunday, February 16, 2025

Criteria: NY: AIRSV

State: NY

Sample Criteria Exceedances Report

GCS34475 - SESI-NYSAMPLES

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL
CS34477	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Sub-Slab Vapor	1.80	0.185
CS34477	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	170	0.184

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested crit
made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to th
professional's responsibility to determine appropriate compliance.

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823
SESI-NYSAMPLES

CHAIN OF CUSTODY RECORD
AIR ANALYSES
860-645-1102
email: greg@phoenixlabs.com

P.O. # 13904 Page 1 of 1

Data Delivery:
☐ Fax #:
☐ Email: Sheng.Long@SESI.org
☐ Phone #: 973 808 9050

Report to:	sheng Long	Project Name: Peekskill NY	Data Format: (Circle) Equis Excel Other:
Customer:	SESI Consulting Engineers	Invoice to:	Requested Deliverable: RCP ASP CAT B
Address:	~~154 Maple Avenue~~ 959 US 46 Fl 3 Ste 300 Rear		MCP NJ Deliverables
	~~Pinebrook, NJ 07058~~ Parsippany NJ 07054	Sampled by: Christian Barletta	Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure (" Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End (" Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH	
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES		
34475	SV-1	7647	6.0L	-30	-3	7000	45	855		12/20	-29			✓		✓		
34476	SV-3	9494	6.0L	-30	-4	5706	45	900		12/20	-29			✓		✓		
34477	SV-2	12871	6.0L	-30	-0	10682	45	845		12/20	-29			✓		✓		

Relinquished by:	Accepted by:	Date:	Time:	
CB 12/2/24		12.23.2024	1113	I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.
		12/23/24	8:24	Signature: Date:

State Where Samples Collected: New York

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(3) - 6.0L 2 hr, 20ft Tubing, 3 Connectors

Turnaround Time:
- 1 Day* ☐
- 2 Day* ☐
- 3 Day* ☐
- 4 Day* ☐
- 5 Day* ☐
- Standard ☑

*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C TAC RES SVVC I/C SVVC RES GWV I/C GWV CES	Indoor Air: Residential Ind/Commercial Soil Gas: Residential Ind/Commercial	Indoor Air: Residential Ind/Commercial Soil Gas: Residential Ind/Commercial	Vapor Intrusion	Indoor Air Residential Non-residential	Indoor Air Residential Industrial Sub-slab Residential Industrial

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client: SESI Consulting Engineers

PEEKSKILL NY

Laboratory Project: GCS34475

Volatile TO15
Ver 1

Organic Data Flags

LOD(MDL): Limit of Detection or Method Detection Limit
The minimum reportable concentration that can be measured with confidence.

PQL(RL): Practical Quantitation Level or Reporting Level
This value is at or above the MDL and is supported by the lowest calibration standard.

· Q Qualifiers:

U - The compound was analyzed for but not detected at or above the MDL. The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors.

J - Indicates an estimated value, may indicate one of the following, depending on the situation:
a) The reported value is estimated and below the RL.
Compounds that are detected above MDL but below RL are qualified with a J flag.
b) Used when estimating a concentration for TIC where a 1:1 response is assumed or when the result indicates the presence of a compound that meets the indentification criteria, but the results is less than the quantitation limit, but greater than zero.
c) QC associated with this analyte is within warning limits.

X - The concentration is not reported. This quantitation file was not evaluated for this compound at this dilution; a volatile purging or related issue may be the cause.

L - Biased Low

N - The concentration is based on the response of the nearest internal. This flag is used on the TIC form for all compounds identified.

S - This compound is a solvent that is used in the laboratory. Laboratory contamination is suspected if concentration is less than five times the reporting level.

B - This compound was also present in the method blank

D - The reported concentration is the result of a diluted analysis. Samples that require dilution may result in elevated reporting limits that exceed requested criteria for one or more analytes.

E - The reported value is estimated because the concentration exceeded the calibration range.

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

Q - For TICS, this compound was quantitated using a calibration curve. This compound is part of the instrument method, but not part of the client target list.

P- Percent difference is greater than 25% between the two GC columns and the lower result is reported.

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG: GCS34475

Volatile Air Conformance / Non-Conformance Summary

Project ID / Client ID: PEEKSKILL NY, SESI Consulting Engineers

Form 1 (Analysis):

Sample SV-2 canister was received under no vacuum, therefore sample results may not be representative.

Detailed reference spectra will print 'Below Cal' for the full scan compounds that are reported from the SIM and are below the lowest calibration point in the full scan analysis. If analytes required manual integration. Manual integrations are flagged with an 'm' to indicate the analyte that required this process.

Form 2 (Surrogates):

All surrogates met criteria with the following exceptions: None.

Form 3 (Laboratory Control/Matrix Spike):

Sample: CS34443 LCS
All LCS recoveries met criteria with the following exceptions: None.

Form 4 (Method Blank):

File: CHEM20 1223_05.D
All compounds were non-detect with the following exceptions: None.

Form 5 (Tune):

File: CHEM20 1213_03.D
All Tune criteria was met with the following exceptions: None.

File: CHEM20 1223_02.D
All Tune criteria was met with the following exceptions: None.

Form 6 (Initial Calibration):

Calibration: CHEM20 12/13/24 - 12/13/24
100% of method compounds met criteria.
The following compounds did not meet maximum % deviations: None.
All ICV recoveries met criteria (70-130) with the following exceptions: Ethanol 54%

Form 7 (Continuing Calibration):

File: CHEM20 1223_02.D (Opening)
100% of method compounds met criteria.
The following compounds did not meet maximum % deviations: None.

File: CHEM20 1224_01.D (Closing)
The following compounds did not meet maximum % deviations: None.

Form 8 (Internal Standard and Retention Time):

File: CHEM20 - 20_AIR_1213.M / 1223_02.D Full
All samples met internal standard area and retention time critieria with the following exceptions: None.

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG: GCS34475

Volatile Air Conformance / Non-Conformance Summary

Project ID / Client ID: PEEKSKILL NY, SESI Consulting Engineers

File: CHEM20 - 20_AIR_1213.M / 1223_02.D Sim
All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM20 - 20_AIR_1213.M / Average Full
All samples met internal standard area and retention time critieria with the following exceptions: None.

File: CHEM20 - 20_AIR_1213.M / Average Sim
All samples met internal standard area and retention time critieria with the following exceptions: None.

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Sample data is not affected by detections in the canister cleaning blank associated with this SDG.

01/19/25

Alejandro Paredes
Project Manager

2C
AIR SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No.: SDG: GCS34475

QC Batch Id: 764068 QC Sample Id: CS34443

	CLIENT ID	LAB ID	SMC1 BFB #				TOT OUT
01	CS34443 LCS	CS34443 LCS	100				0
02	CS34443 BLANK	CS34443 BLANK	103				0
03	CS34443 QC	CS34443 QC	105				0
04	CS34443 DUP	CS34443 DUP	112				0
05	SV-1 5X	CS34475 5X	104				0
06	SV-3 5X	CS34476 5X	102				0
07	SV-2 5X	CS34477 5X	107				0
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

			QC LIMITS
SMC1	BFB	Bromofluorobenzene	(70-130)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

FORM II AIR

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No: SAS No: SDG No GCS34475

LCS - Client Id: CS34443 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
Propylene	10		9.152	92	70	130
Dichlorodifluoromethane	10		10.17	102	70	130
Chloromethane	10		10.54	105	70	130
1,2-Dichlorotetrafluoroethane	10		10.49	105	70	130
Vinyl Chloride	10		10.25	103	70	130
1,3-Butadiene	10		10.10	101	70	130
Bromomethane	10		9.746	97	70	130
Chloroethane	10		9.587	96	70	130
Ethanol	6		5.410	90	70	130
Acetone	10		9.467	95	70	130
Trichlorofluoromethane	10		10.29	103	70	130
Isopropylalcohol	10		9.033	90	70	130
Acrylonitrile	10		8.835	88	70	130
1,1-Dichloroethene	10		10.16	102	70	130
Methylene Chloride	10		10.08	101	70	130
Carbon Disulfide	10		9.601	96	70	130
Trichlorotrifluoroethane	10		10.12	101	70	130
Trans-1,2-Dichloroethene	10		9.643	96	70	130
1,1-Dichloroethane	10		9.855	99	70	130
Methyl tert-butyl ether(MTBE)	10		9.687	97	70	130
Methyl Ethyl Ketone	10		9.273	93	70	130
Cis-1,2-Dichloroethene	10		9.578	96	70	130
Hexane	10		9.892	99	70	130
Chloroform	10		9.475	95	70	130
Ethyl acetate	10		12.22	122	70	130
Tetrahydrofuran	10		9.521	95	70	130
1,2-Dichloroethane	10		9.470	95	70	130
1,1,1-Trichloroethane	10		9.269	93	70	130
Benzene	10		9.275	93	70	130
Carbon Tetrachloride	10		9.175	92	70	130
Cyclohexane	10		9.133	91	70	130
1,2-dichloropropane	10		10.10	101	70	130
Bromodichloromethane	10		9.730	97	70	130
Trichloroethene	10		10.27	103	70	130
2,2,4-trimethylpentane	10		9.665	97	70	130
1,4-Dioxane	10		10.04	100	70	130
Heptane	10		10.04	100	70	130
cis-1,3-Dichloropropene	10		9.572	96	70	130
4-Methyl-2-pentanone(MIBK)	10		9.780	98	70	130
trans-1,3-Dichloropropene	10		9.385	94	70	130
1,1,2-Trichloroethane	10		9.976	100	70	130
Toluene	10		9.774	98	70	130
Dibromochloromethane	10		10.08	101	70	130
2-Hexanone(MBK)	10		9.498	95	70	130

FORM III AIR

AIR LCS RECOVERY

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No: SAS No: SDG No GCS34475

LCS - Client Id: CS34443 LCS

COMPOUND	SPIKE ADDED (ppbv)		LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.	
1,2-Dibromoethane(EDB)	10		10.21	102	70	130
Tetrachloroethene	10		10.40	104	70	130
1,1,1,2-Tetrachloroethane	10		10.59	106	70	130
Chlorobenzene	10		11.16	112	70	130
Ethylbenzene	10		10.46	105	70	130
m,p-Xylene	20		20.86	104	70	130
Bromoform	10		11.04	110	70	130
Styrene	10		10.61	106	70	130
1,1,2,2-Tetrachloroethane	10		10.68	107	70	130
o-Xylene	10		10.10	101	70	130
Isopropylbenzene	10		9.929	99	70	130
4-Ethyltoluene	10		10.76	108	70	130
1,3,5-Trimethylbenzene	10		10.26	103	70	130
1,2,4-Trimethylbenzene	10		10.54	105	70	130
Benzyl chloride	10		9.999	100	70	130
1,3-Dichlorobenzene	10		10.79	108	70	130
1,4-Dichlorobenzene	10		10.89	109	70	130
sec-Butylbenzene	10		9.962	100	70	130
4-Isopropyltoluene	10		9.910	99	70	130
1,2-Dichlorobenzene	10		10.96	110	70	130
n-Butylbenzene	10		9.830	98	70	130
1,2,4-Trichlorobenzene	7		8.254	118	70	130
Naphthalene	7		8.048	115	70	130
Hexachlorobutadiene(sim)	7		8.387	120	70	130

FORM III AIR

4A

AIR METHOD BLANK SUMMARY

Client ID: CS34443 BLANK

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS34475

Lab File ID: 1223_05.D Lab Sample ID: CS34443 BLK

Date Analyzed: 12/23/2024 Time Analyzed: 13:47

GC Column: RTX-1 60M Lab Batch ID: 764068

Instrument ID: CHEM20 Heated Purge:(Y/N) Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING QC AND FIELD SAMPLES:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	CS34443 LCS	CS34443 LCS	1223_04.D	13:16
02	CS34443 QC	CS34443	1223_09.D	20:48
03	CS34443 DUP	CS34443 DUP	1223_10.D	21:24
04	SV-1 5X	CS34475 5X	1223_23.D	04:31
05	SV-3 5X	CS34476 5X	1223_24.D	05:03
06	SV-2 5X	CS34477 5X	1223_25.D	05:34
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

COMMENTS:

FORM IV AIR

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS34475

Lab File ID: 1213_03.D BFB Injection Date: 12/13/24

Instrument ID: CHEM20 BFB Injection Time: 13:52

GC Column: RTX-1 60M Heated Purge: (Y/N) Y

AutoFind: Scans 772, 773, 774; Background Corrected with Scan 767

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE			
50	8.0 - 40.0% of mass 95	20.3			
75	30.0 - 66.0% of mass 95	47.9			
95	Base Peak, 100% relative abundance	100.0			
96	5.0 - 9.0% of mass 95	6.8			
173	Less than 2.0% of mass 174	0.0	(	0.0	)1
174	50.0 - 120.0% of mass 95	88.1			
175	4.0 - 9.0% of mass 174	7.5	(	6.6	)1
176	93.0 - 101.0% of mass 174	97.0	(	85.5	)1
177	5.0 - 9.0% of mass 176	6.6	(	5.6	)1

1-Value is % mass 95

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	
01	ICAL 0.01	0.01 ppb; TO1510D	1213_04.D	12/13/24	14:25	
02	ICAL 0.02	0.02 ppb; TO1510D	1213_05.D	12/13/24	14:56	
03	ICAL 0.035	0.035 ppb; TO1510D	1213_06.D	12/13/24	15:29	
04	ICAL 0.05	0.05 ppb; TO1510D	1213_07.D	12/13/24	16:03	
05	ICAL 0.1	0.10 ppb; TO1510D	1213_08.D	12/13/24	16:34	
06	ICAL 0.2	0.20 ppb; TO1510D	1213_09.D	12/13/24	17:05	
07	ICAL 0.5	0.50 ppb; TO1510D	1213_10.D	12/13/24	17:39	
08	ICAL 2.5	2.5 ppb; TO1510C	1213_11.D	12/13/24	18:12	
09	ICAL 5	5.0 ppb; TO1510B	1213_12.D	12/13/24	18:43	
10	ICAL 25	25 ppb; TO1510B	1213_13.D	12/13/24	19:17	
11	ICAL 40	40ppb; TO1510B	1213_14.D	12/13/24	19:52	
12	ICAL 1	1ppb tune/cc; TO1510C	1213_15.D	12/13/24	20:23	
13	ICAL 10	10ppb; TO1510B	1213_16.D	12/13/24	20:55	
14	ICV_CHEM20_1213	10ppb lcs; TO1510A	1213_17.D	12/13/24	21:28	
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

(*) Outside 24 hr clock

FORM V AIR

CLPBFB

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_03.D
Acq On : 13 Dec 2024 1:52 pm
Operator :
Sample : 0/0; ITSD AIR36E
Misc :
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p

Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Title : VOA Standards for 5 point calibration
Last Update : Sun Dec 15 10:19:25 2024

AutoFind: Scans 772, 773, 774; Background Corrected with Scan 767

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	41	20.3	53480	PASS
75	95	30	66	47.9	126421	PASS
95	95	100	100	100.0	263936	PASS
96	95	5	9	6.8	17878	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	88.1	232536	PASS
175	174	4	9	7.5	17348	PASS
176	174	93	101	97.0	225557	PASS
177	176	5	9	6.6	14785	PASS

20_AIR_1213.M Sun Dec 15 10:19:51 2024

5B
AIR INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS34475

Lab File ID: 1223_02.D BFB Injection Date: 12/23/24

Instrument ID: CHEM20 BFB Injection Time: 12:11

GC Column: RTX-1 60M Heated Purge: (Y/N) Y

AutoFind: Scans 772, 773, 774; Background Corrected with Scan 767

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE			
50	8.0 - 40.0% of mass 95	20.0			
75	30.0 - 66.0% of mass 95	46.7			
95	Base Peak, 100% relative abundance	100.0			
96	5.0 - 9.0% of mass 95	6.9			
173	Less than 2.0% of mass 174	0.0	(	0.0	)1
174	50.0 - 120.0% of mass 95	94.4			
175	4.0 - 9.0% of mass 174	7.4	(	7.0	)1
176	93.0 - 101.0% of mass 174	96.8	(	91.4	)1
177	5.0 - 9.0% of mass 176	6.6	(	6.0	)1

1-Value is % mass 95

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	
01	CCAL 1	1ppb ccal; TO1512N	1223_02.D	12/23/24	12:11	
02	CS34443 LCS	CS34443 LCS	1223_04.D	12/23/24	13:16	
03	CS34443 BLANK	CS34443 BLANK	1223_05.D	12/23/24	13:47	
04	CS34443 QC	CS34443 QC	1223_09.D	12/23/24	20:48	
05	CS34443 DUP	CS34443 DUP	1223_10.D	12/23/24	21:24	
06	SV-1 5X	CS34475 5X	1223_23.D	12/24/24	04:31	
07	SV-3 5X	CS34476 5X	1223_24.D	12/24/24	05:03	
08	SV-2 5X	CS34477 5X	1223_25.D	12/24/24	05:34	
09	CCCAL 1	1ppb ccal; TO1512N	1224_01.D	12/24/24	10:35	
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

(*) Outside 24 hr clock

FORM V AIR

CLPBFB

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_02.D
Acq On : 23 Dec 2024 12:11 pm
Operator :
Sample : 1ppb ccal; TO1512N
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p

Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Title : VOA Standards for 5 point calibration
Last Update : Sun Dec 15 10:19:25 2024

AutoFind: Scans 772, 773, 774; Background Corrected with Scan 767

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	41	20.0	41376	PASS
75	95	30	66	46.7	96709	PASS
95	95	100	100	100.0	207179	PASS
96	95	5	9	6.9	14214	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	94.4	195504	PASS
175	174	4	9	7.4	14455	PASS
176	174	93	101	96.8	189309	PASS
177	176	5	9	6.6	12402	PASS

20_AIR_1213.M Mon Dec 23 12:47:18 2024

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Full Scan

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS34475

Lab Method / File Id: 20_AIR_1213.M / Average Date Analyzed: 12/13/24

Instrument ID: CHEM20 Time Analyzed: 20:23

GC Column: _____ ID: 0.18 (mm) Heated Purge:(Y/N) Y

		IS1 (BCM) Area Avg	#	RT Avg	#	IS2 (DFB) Area Avg	#	RT Avg	#	IS3 (CBZ) Area Avg	#	RT Avg	#			LAB FILE ID
	REFERENCE STD	186330		7.21		679527		8.36		372229		10.82				Average
	UPPER LIMIT	261793		7.54		954736		8.69		522982		11.15				Average
	LOWER LIMIT	110866		6.88		404319		8.03		221476		10.49				Average
	CLIENT ID															
01	ICAL 0.2	199608		7.21		734617		8.36		374980		10.82				1213_09.D
02	ICAL 0.5	197119		7.21		726789		8.36		368834		10.82				1213_10.D
03	ICAL 2.5	193319		7.21		707455		8.36		368171		10.82				1213_11.D
04	ICAL 5	180576		7.21		661618		8.36		351960		10.82				1213_12.D
05	ICAL 25	171001		7.22		617377		8.36		377859		10.82				1213_13.D
06	ICAL 40	171569		7.22		608761		8.36		401010		10.82				1213_14.D
07	ICAL 1	199525		7.22		729935		8.36		374448		10.82				1213_15.D
08	ICAL 10	177922		7.21		649667		8.36		360570		10.82				1213_16.D
09	ICV_CHEM20_1213	182415		7.22		658839		8.36		366459		10.82				1213_17.D
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +140% of internal standard area
AREA LOWER LIMIT = - 60% of internal standard area
RT UPPER LIMIT = +0.33 minutes of internal standard RT
RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Sim Scan

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS34475

Lab Method / File Id: 20_AIR_1213.M / Average Date Analyzed: 12/13/24

Instrument ID: CHEM20 Time Analyzed: 20:23

GC Column: _____ ID: 0.18 (mm) Heated Purge:(Y/N) Y

		IS1 (BCM) Area Avg	#	RT Avg	#	IS2 (DFB) Area Avg	#	RT Avg	#	IS3 (CBZ) Area Avg	#	RT Avg	#			LAB FILE ID
	REFERENCE STD	211746		7.21		727132		8.36		375438		10.82				Average
	UPPER LIMIT	297504		7.54		1021620		8.69		527491		11.15				Average
	LOWER LIMIT	125989		6.88		432643		8.03		223386		10.49				Average
	CLIENT ID															
01	ICAL 0.01	221332		7.21		761178		8.36		390212		10.82				1213_04.D
02	ICAL 0.02	222716		7.21		763328		8.36		391277		10.82				1213_05.D
03	ICAL 0.035	223491		7.21		769679		8.36		391458		10.82				1213_06.D
04	ICAL 0.05	217377		7.21		745957		8.36		379311		10.82				1213_07.D
05	ICAL 0.1	216197		7.21		748218		8.36		378598		10.82				1213_08.D
06	ICAL 0.2	213109		7.21		734617		8.36		374980		10.82				1213_09.D
07	ICAL 0.5	210769		7.21		726792		8.36		368834		10.82				1213_10.D
08	ICAL 2.5	205654		7.21		707455		8.36		368171		10.82				1213_11.D
09	ICAL 5	194723		7.21		661621		8.36		351960		10.82				1213_12.D
10	ICAL 1	212884		7.21		729937		8.36		374448		10.82				1213_15.D
11	ICAL 10	190958		7.21		649667		8.36		360570		10.82				1213_16.D
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +140% of internal standard area
AREA LOWER LIMIT = - 60% of internal standard area
RT UPPER LIMIT = +0.33 minutes of internal standard RT
RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Full Scan

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS34475

Lab Method / File Id: 20_AIR_1213.M / 1223_02.D Date Analyzed: 12/23/24

Instrument ID: CHEM20 Time Analyzed: 12:11

GC Column: RTX-1 60M ID: 0.18 (mm) Heated Purge:(Y/N) Y

		IS1 (BCM) AREA	#	RT	#	IS2 (DFB) AREA	#	RT	#	IS3 (CBZ) AREA	#	RT	#			LAB FILE ID
	REFERENCE STD	182929		7.21		648268		8.36		311712		10.82				1223_02.D
	UPPER LIMIT	257015		7.54		910817		8.69		437955		11.15				1223_02.D
	LOWER LIMIT	108843		6.88		385719		8.03		185469		10.49				1223_02.D
	CLIENT ID															
01	CCAL 1	182929		7.21		648268		8.36		311712		10.82				1223_02.D
02	CS34443 LCS	167648		7.20		595565		8.36		304910		10.82				1223_04.D
03	CS34443 BLANK	191788		7.21		680072		8.36		325611		10.82				1223_05.D
04	CS34443 QC	171820		7.22		604213		8.36		290423		10.82				1223_09.D
05	CS34443 DUP	165679		7.21		572542		8.36		260140		10.82				1223_10.D
06	SV-1 5X	171323		7.21		608204		8.36		298328		10.82				1223_23.D
07	SV-3 5X	168286		7.21		606155		8.36		302853		10.82				1223_24.D
08	SV-2 5X	177900		7.21		610989		8.36		281127		10.82				1223_25.D
09	CCCAL 1	173561		7.21		606931		8.36		294483		10.82				1224_01.D
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +140% of internal standard area
AREA LOWER LIMIT = - 60% of internal standard area
RT UPPER LIMIT = +0.33 minutes of internal standard RT
RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

8A
AIR INTERNAL STANDARD AREA AND RT SUMMARY
Sim Scan

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No.: _____ SAS No.: _____ SDG No.: GCS34475

Lab Method / File Id: 20_AIR_1213.M / 1223_02.D Date Analyzed: 12/23/24

Instrument ID: CHEM20 Time Analyzed: 12:11

GC Column: RTX-1 60M ID: 0.18 (mm) Heated Purge:(Y/N) Y

		IS1 (BCM) AREA	#	RT	#	IS2 (DFB) AREA	#	RT	#	IS3 (CBZ) AREA	#	RT	#			LAB FILE ID
	REFERENCE STD	197166		7.21		648105		8.36		311712		10.82				1223_02.D
	UPPER LIMIT	277018		7.54		910588		8.69		437955		11.15				1223_02.D
	LOWER LIMIT	117314		6.88		385622		8.03		185469		10.49				1223_02.D
	CLIENT ID															
01	CCAL 1	197166		7.21		648105		8.36		311712		10.82				1223_02.D
02	CS34443 LCS	180233		7.21		595565		8.36		304910		10.82				1223_04.D
03	CS34443 BLANK	206498		7.21		679862		8.36		325611		10.82				1223_05.D
04	CS34443 QC	185823		7.21		604215		8.36		290423		10.82				1223_09.D
05	CS34443 DUP	179106		7.21		572542		8.36		260140		10.82				1223_10.D
06	SV-1 5X	184754		7.21		608104		8.36		298328		10.82				1223_23.D
07	SV-3 5X	184048		7.21		606155		8.36		302853		10.82				1223_24.D
08	SV-2 5X	192553		7.21		610989		8.36		281127		10.82				1223_25.D
09	CCCAL 1	187558		7.21		606884		8.36		294483		10.82				1224_01.D
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +140% of internal standard area
AREA LOWER LIMIT = - 60% of internal standard area
RT UPPER LIMIT = +0.33 minutes of internal standard RT
RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

1

AIR ANALYSIS DATA SHEET

CLIENT ID: SV-1 5X

Client: SESI-NYSAMPLES Lab: Phoenix Env. Labs

SDG No.: GCS34475 Lab Sample ID: CS34475 5X

Canister: 7647 Lab File ID: 1223_23.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 12/23/24

Purge Volume 200 (cc) Date Analyzed: 12/24/24

Matrix: AIR Dilution Factor: 5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	2.66	U	2.66	2.66	r
67-64-1	Acetone	46.4	S	2.11	2.11	r
67-63-0	Isopropylalcohol	2.04	U	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	89.7		1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	2.76		1.70	1.70	r
110-54-3	Hexane	1.63	S	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
110-82-7	Cyclohexane	11.7		1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	4.26		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
179601-23-1	m,p-Xylene	4.80		1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.86		1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.52		1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.69		1.02	1.02	r
91-20-3	Naphthalene	1.00	U	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

CLIENT ID

AIR ANALYSIS DATA SHEET

SV-1 5X

Client: SESI-NYSAMPLES Lab: Phoenix Env. Labs

SDG No.: GCS34475 Lab Sample ID: CS34475 5X

Canister: 7647 Lab File ID: 1223_23.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 12/23/24

Purge Volume 200 (cc) Date Analyzed: 12/24/24

Matrix: AIR Dilution Factor: 5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
75-69-4	Trichlorofluoromethane(sim)	0.891	U	0.891	0.891	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
127-18-4	Tetrachloroethene(sim)	0.990		0.184	0.184	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_23.D
Acq On : 24 Dec 2024 4:31 am
Operator :
Client ID : SV-1 5X
Lab ID : CS34475 5X
ALS Vial : 19 Sample Multiplier: 1

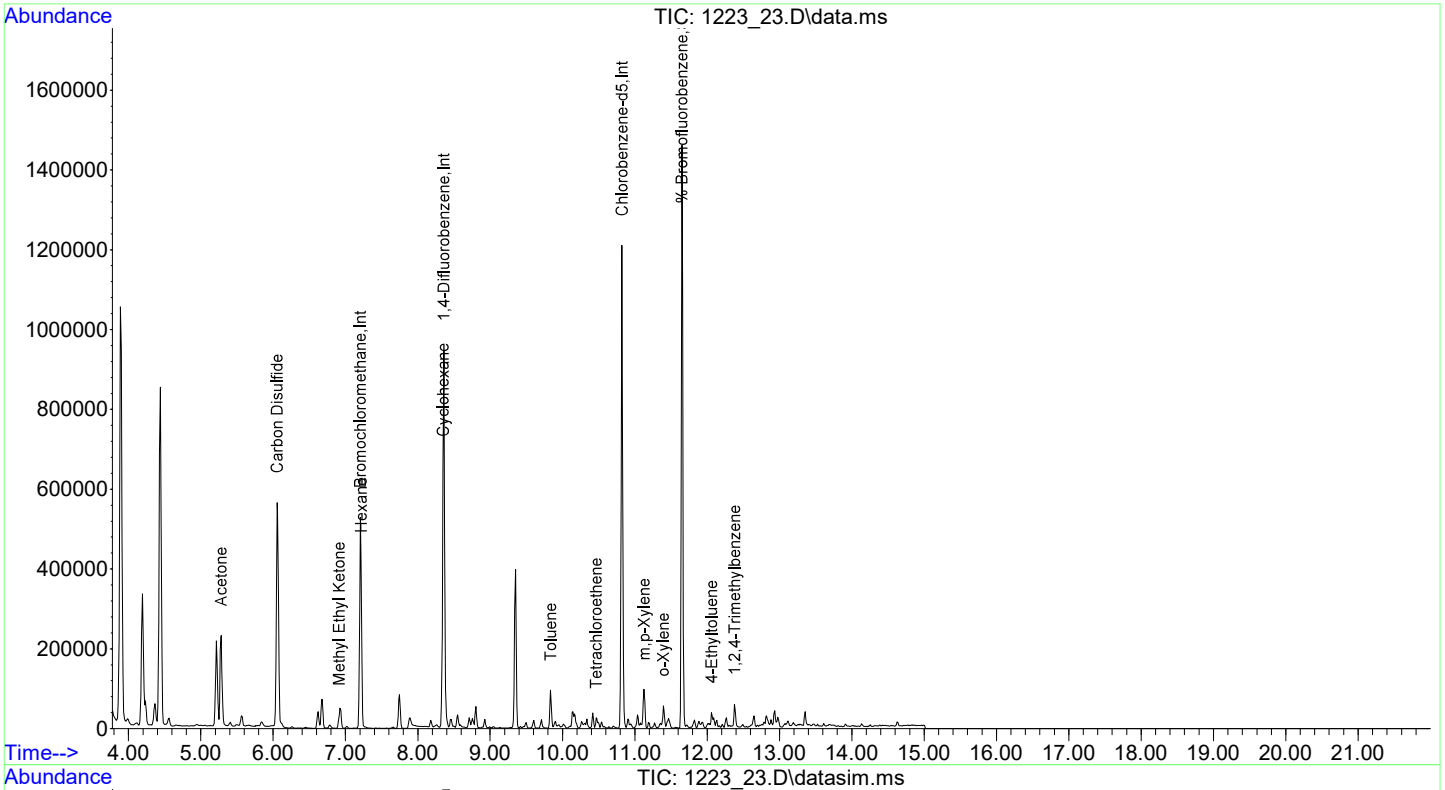
Quant Time: Dec 24 09:38:44 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

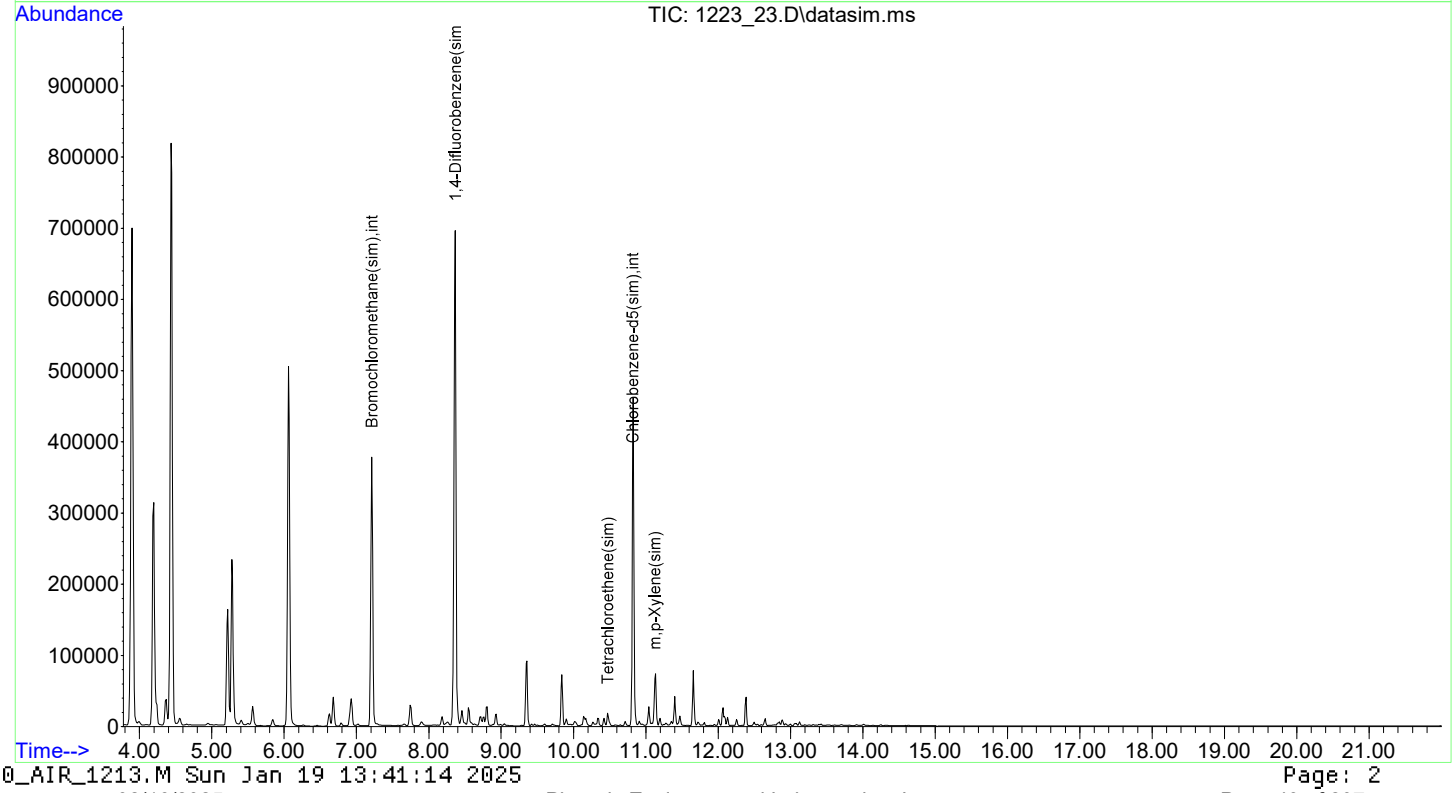
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.205	130	171323	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.360	114	608204	10.000	ng		0.00
53) Chlorobenzene-d5	10.821	82	298328	10.000	ng		0.00
80) Bromochloromethane(sim)	7.211	130	184754	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.360	114	608104	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.821	82	298328	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.651	95	407111	10.390	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.90%				
Target Compounds							Qvalue
12) Acetone	5.280	43	275982	9.270	ppbv#		80
20) Carbon Disulfide	6.054	76	836855	17.934	ppbv		99
25) Methyl Ethyl Ketone	6.914	43	22429	0.552	ppbv#		1
27) Hexane	7.216	57	9682	0.326	ppbv#		77
35) Cyclohexane	8.349	84	47697	2.335	ppbv		96
48) Toluene	9.835	91	56014	0.851	ppbv		95
52) Tetrachloroethene	10.466	166	7031	0.203	ppbv		98
57) m,p-Xylene	11.128	91	55415	0.959	ppbv		96
61) o-Xylene	11.395	91	22598	0.371	ppbv		98
66) 4-Ethyltoluene	12.061	105	26346	0.304	ppbv		97
68) 1,2,4-Trimethylbenzene	12.379	105	24216	0.337	ppbv#		80
104] Tetrachloroethene(sim)	10.472	166	7760	0.198	ppbv		97
107] m,p-Xylene(sim)	11.128	91	55415	0.813	ppbv		97

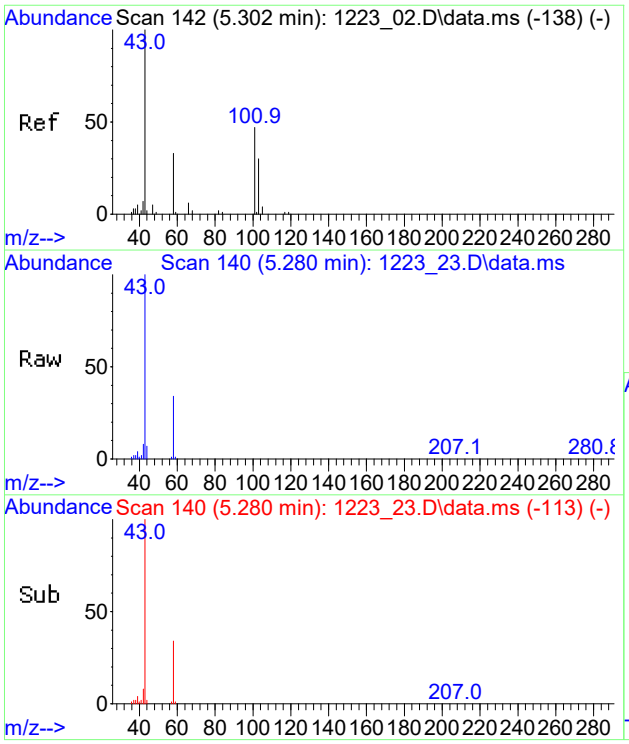
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_23.D
Acq On : 24 Dec 2024 4:31 am
Operator :
Client ID : SV-1 5X
Lab ID : CS34475 5X
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 24 09:38:44 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration



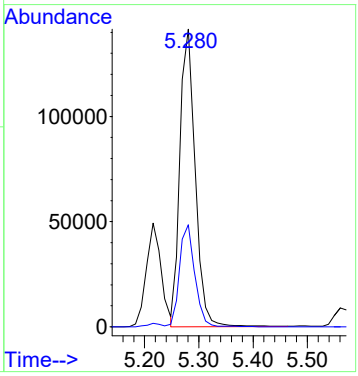


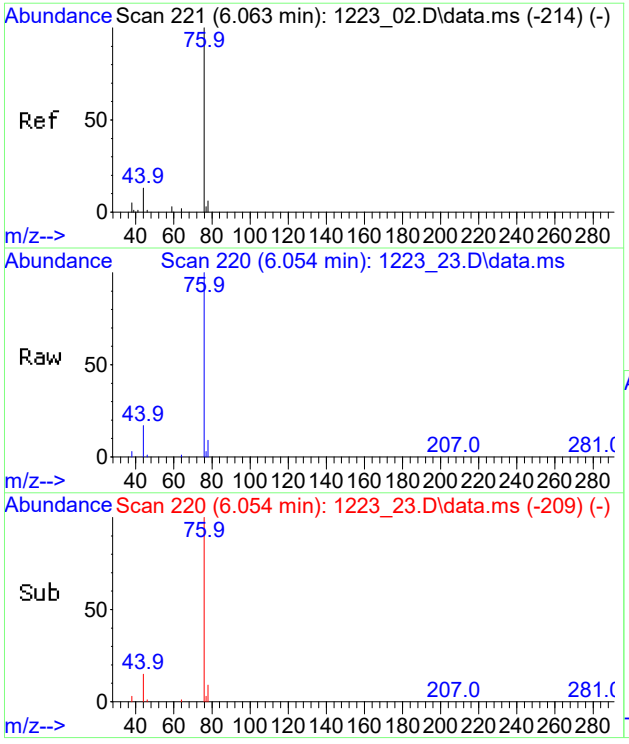


#12
Acetone
Conc: 8$ 9.270 ppbv
RT: 5.280 min Scan# 140
Delta R.T. -0.011 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

Tgt Ion: 43 Resp: 275982

Ion	Ratio	Lower	Upper
43	100		
58	34.5	19.5	29.3#

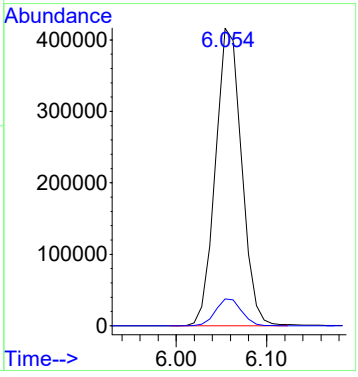


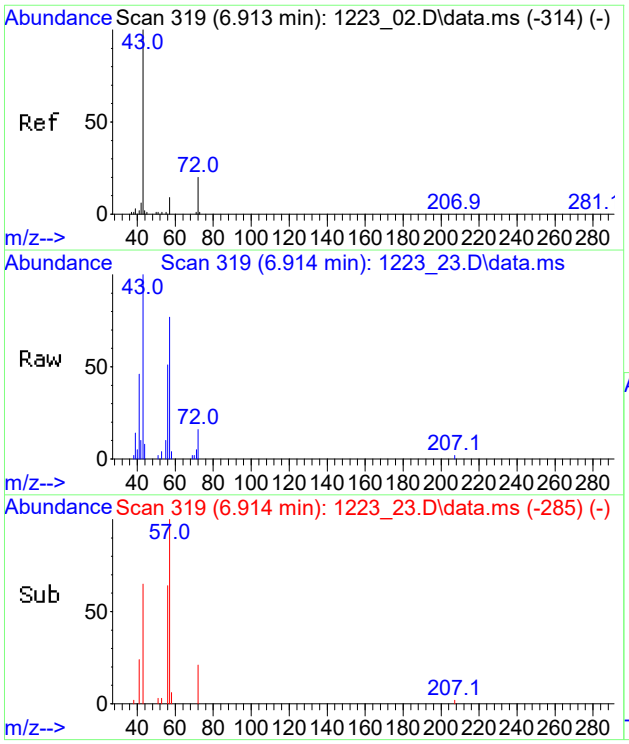


#20
Carbon Disulfide
Conc: 8$ 17.934 ppbv
RT: 6.054 min Scan# 220
Delta R.T. -0.009 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

Tgt Ion: 76 Resp: 836855

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

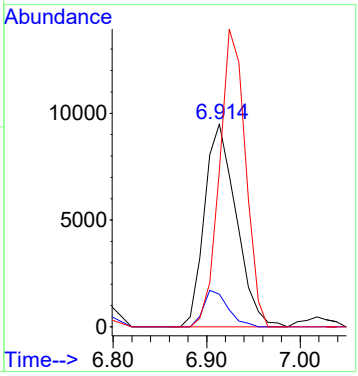


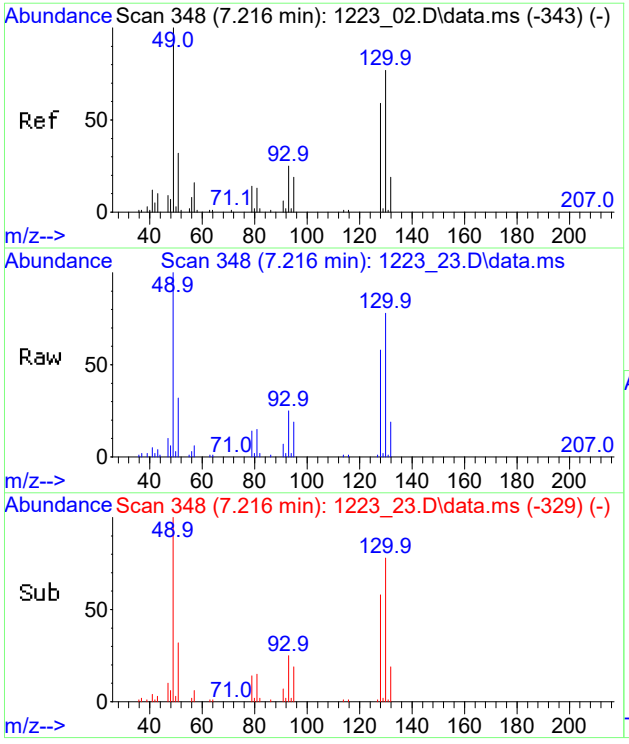


#25
Methyl Ethyl Ketone
Conc: 8$ 0.552 ppbv
RT: 6.914 min Scan# 319
Delta R.T. 0.011 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

Tgt Ion: 43 Resp: 22429

Ion	Ratio	Lower	Upper
43	100		
72	13.9	14.6	22.0#
57	120.6	5.7	8.5#

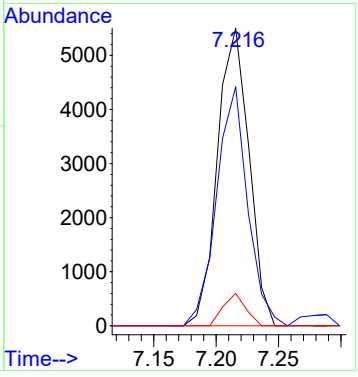


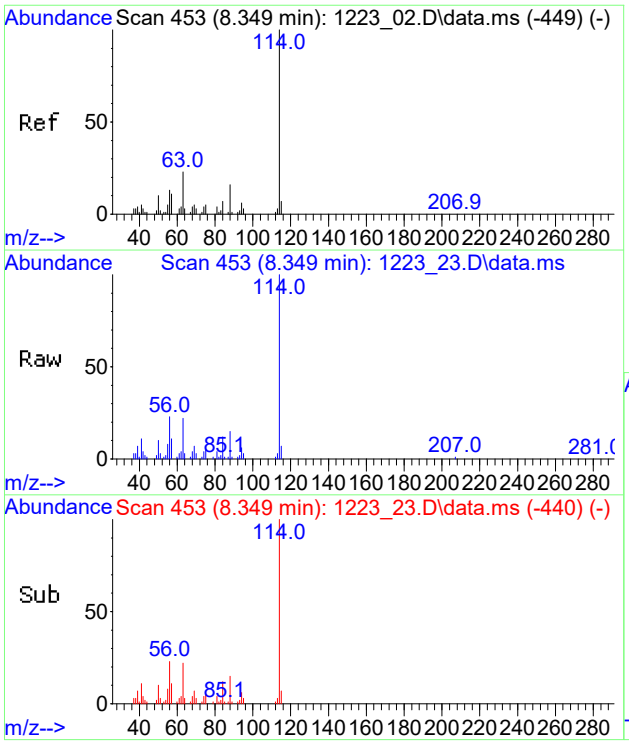


#27
Hexane
Conc: 8$ 0.326 ppbv
RT: 7.216 min Scan# 348
Delta R.T. 0.001 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

Tgt Ion: 57 Resp: 9682

Ion	Ratio	Lower	Upper
57	100		
41	79.1	83.3	124.9#
86	7.8	10.7	16.1#

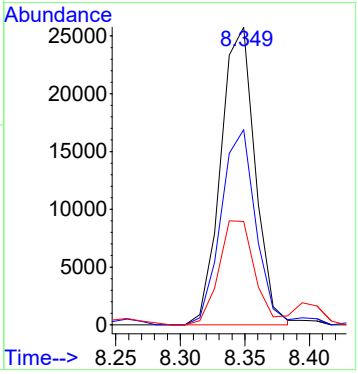


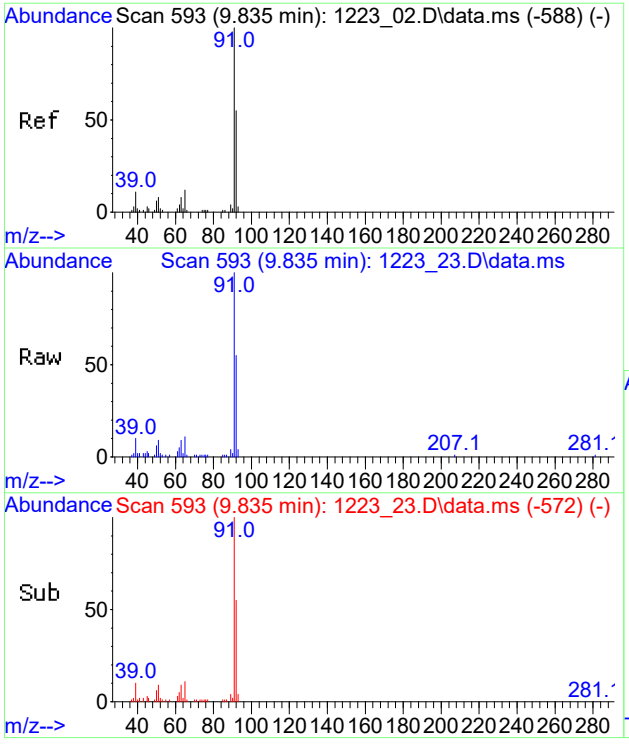


#35
Cyclohexane
Conc: 8$ 2.335 ppbv
RT: 8.349 min Scan# 453
Delta R.T. 0.000 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

Tgt Ion: 84 Resp: 47697

Ion	Ratio	Lower	Upper
84	100		
55	66.5	50.9	76.3
42	37.3	32.7	49.1

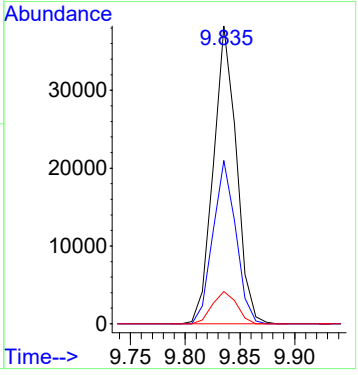


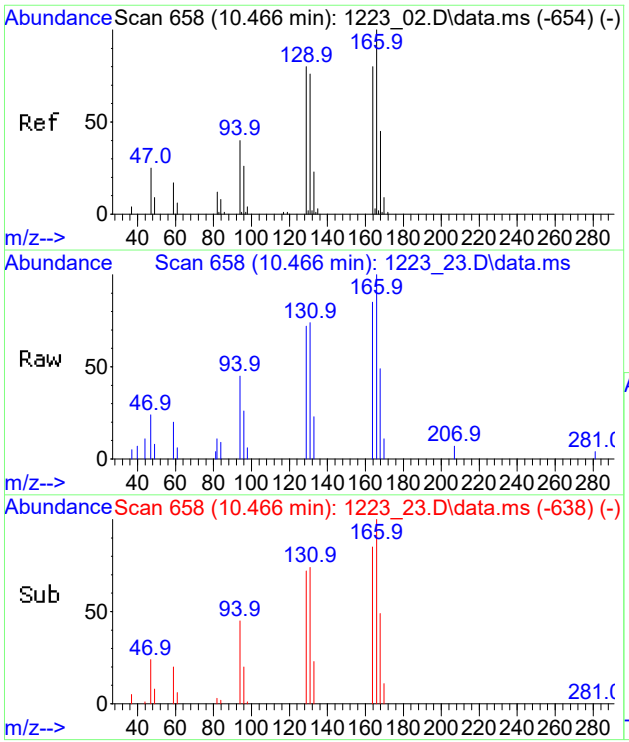


#48
Toluene
Conc: 8$ 0.851 ppbv
RT: 9.835 min Scan# 593
Delta R.T. 0.000 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

Tgt Ion: 91 Resp: 56014

Ion	Ratio	Lower	Upper
91	100		
92	54.3	46.5	69.7
65	11.5	10.6	16.0

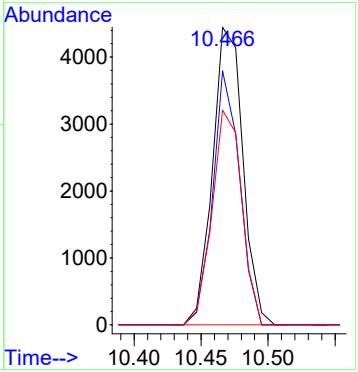


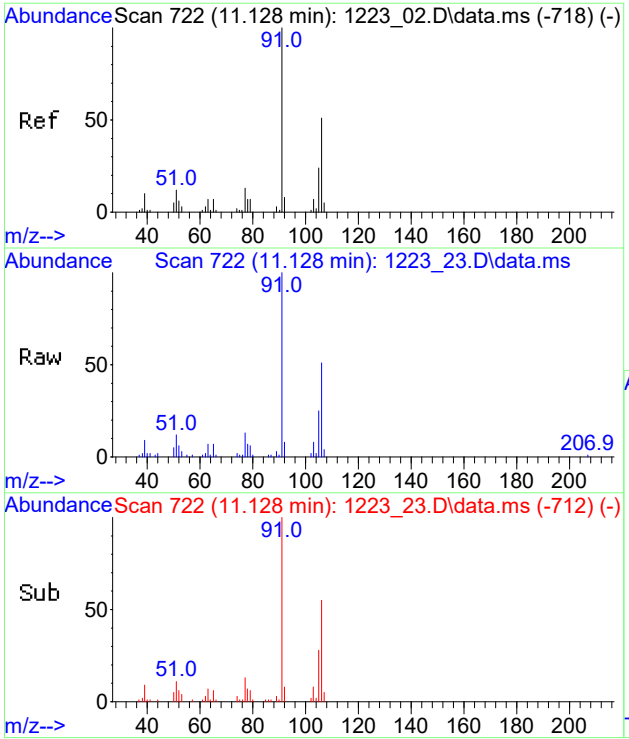


#52
Tetrachloroethene
Conc: 8$ 0.203 ppbv
RT: 10.466 min Scan# 658
Delta R.T. -0.010 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

Tgt Ion:166 Resp: 7031

Ion	Ratio	Lower	Upper
166	100		
164	75.1	61.4	92.0
129	70.4	55.3	82.9

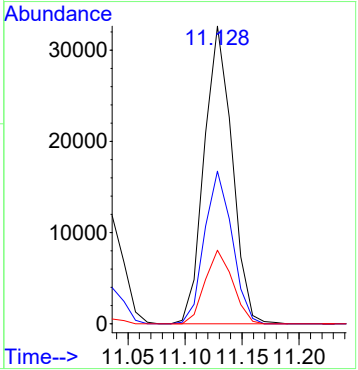


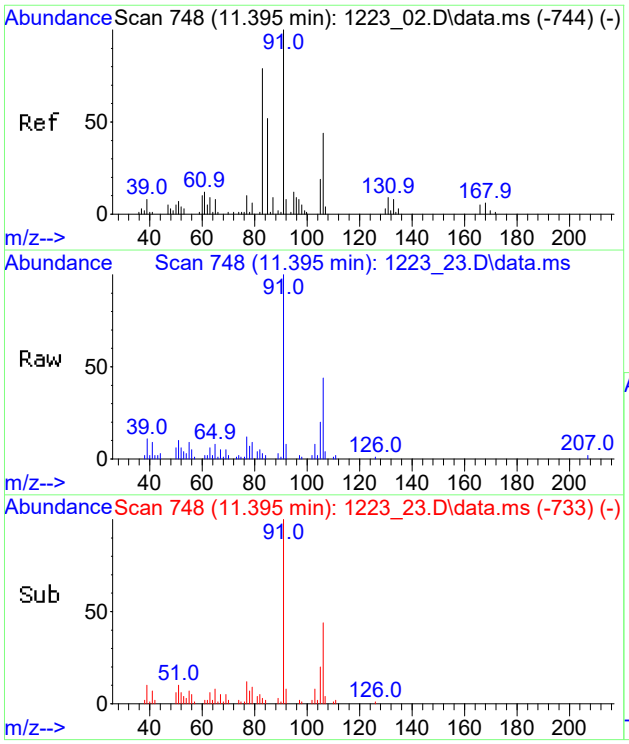


#57
m,p-Xylene
Conc: 8$ 0.959 ppbv
RT: 11.128 min Scan# 722
Delta R.T. 0.000 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

Tgt Ion: 91 Resp: 55415

Ion	Ratio	Lower	Upper
91	100		
106	50.7	38.0	57.0
105	24.4	19.0	28.6

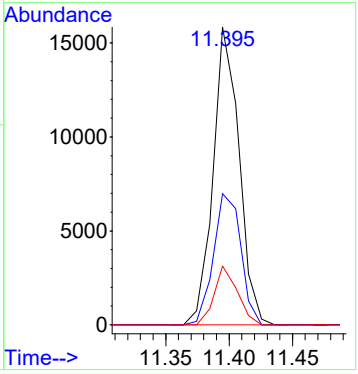


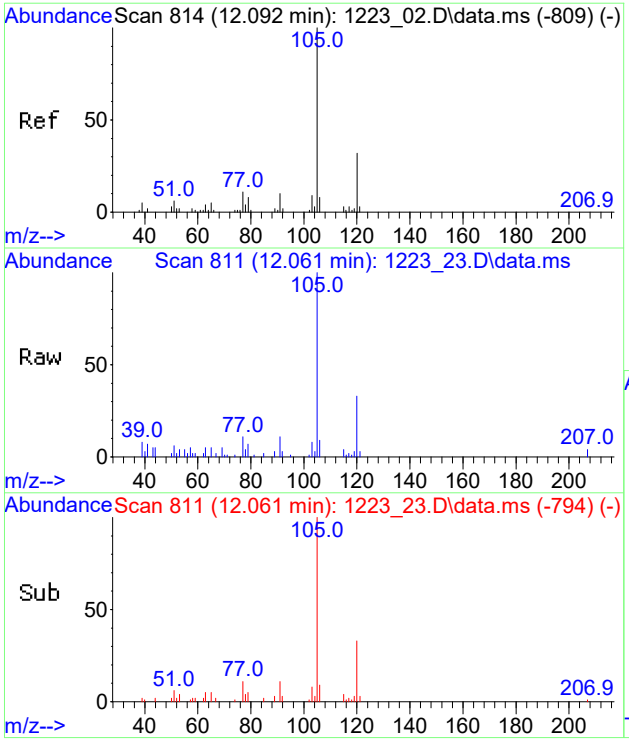


#61
o-Xylene
Conc: 8$ 0.371 ppbv
RT: 11.395 min Scan# 748
Delta R.T. -0.000 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

Tgt Ion: 91 Resp: 22598

Ion	Ratio	Lower	Upper
91	100		
106	46.3	37.5	56.3
105	17.6	16.1	24.1

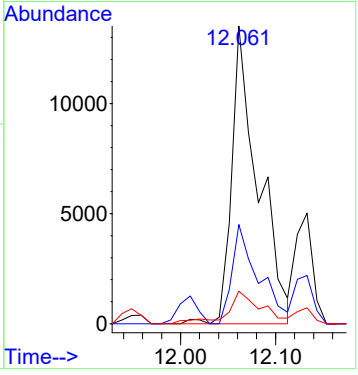


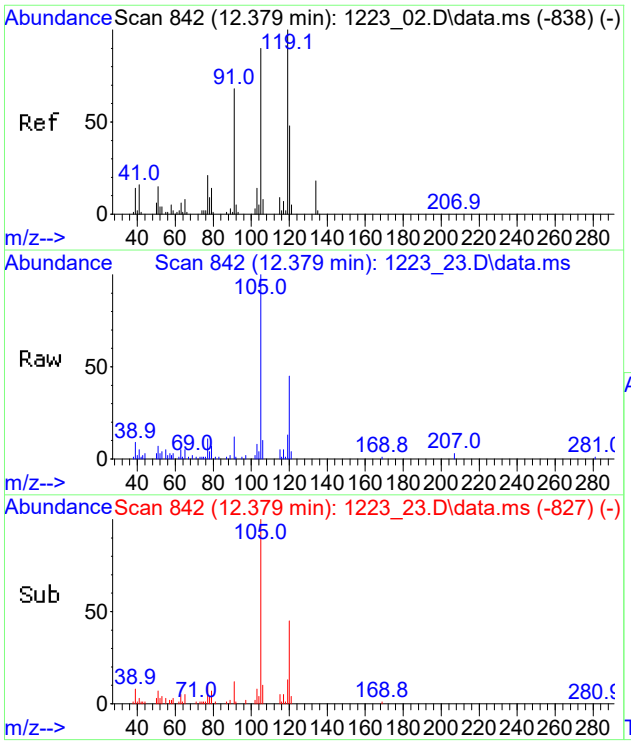


#66
4-Ethyltoluene
Conc: 8$ 0.304 ppbv
RT: 12.061 min Scan# 811
Delta R.T. -0.031 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

Tgt Ion:105 Resp: 26346

Ion	Ratio	Lower	Upper
105	100		
120	33.4	25.2	37.8
77	14.0	10.9	16.3

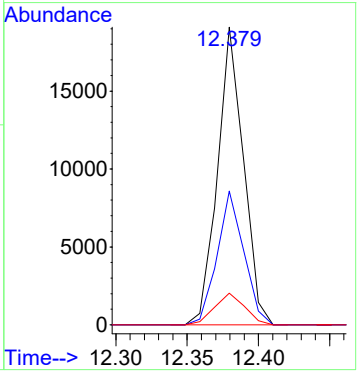


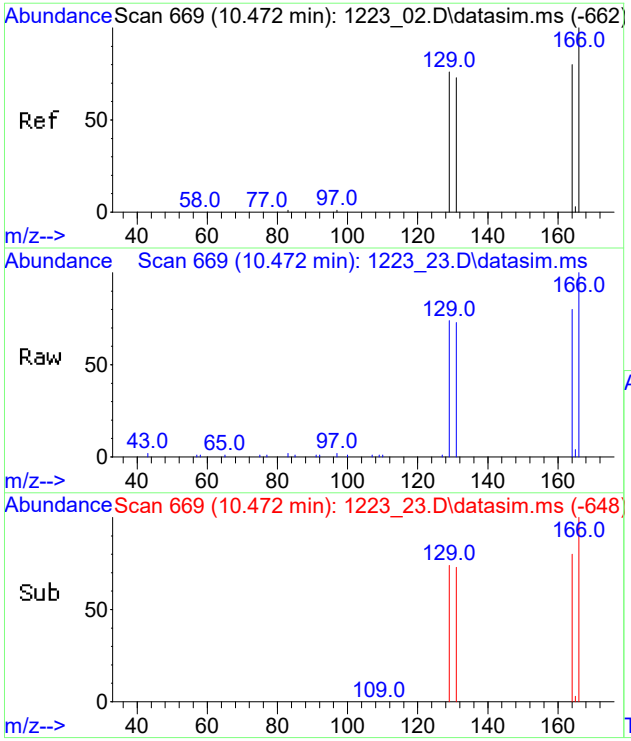


#68
1,2,4-Trimethylbenzene
Conc: 8$ 0.337 ppbv
RT: 12.379 min Scan# 842
Delta R.T. 0.000 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

Tgt Ion:105 Resp: 24216

Ion	Ratio	Lower	Upper
105	100		
120	46.3	46.2	69.4
77	12.4	21.8	32.6#

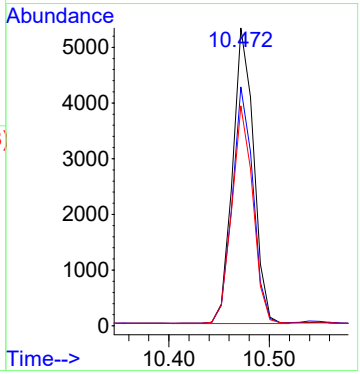


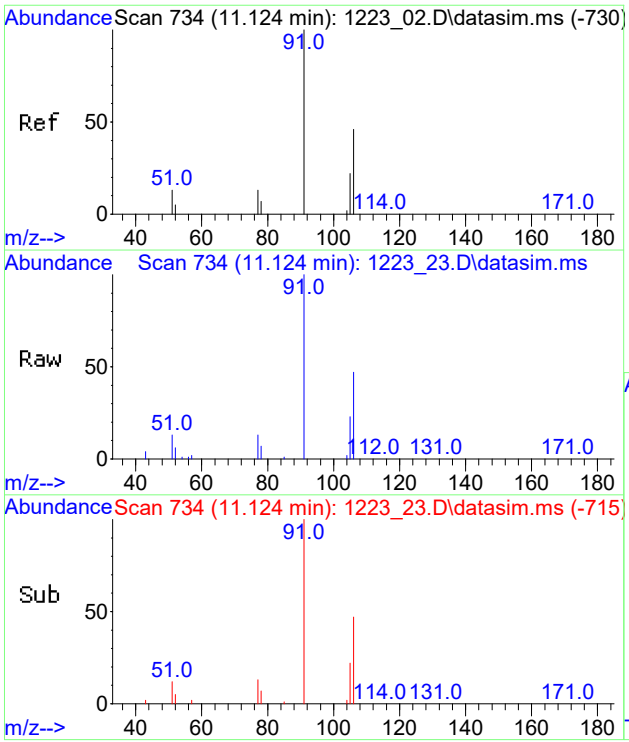


#104
Tetrachloroethene(sim)
Conc: 8$ 0.198 ppbv
RT: 10.472 min Scan# 669
Delta R.T. -0.000 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

Tgt Ion:166 Resp: 7760

Ion	Ratio	Lower	Upper
166	100		
164	79.0	58.0	98.0
129	73.2	48.3	88.3

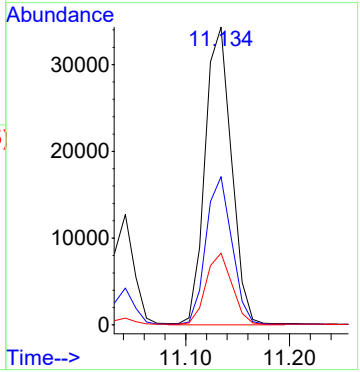




#107
m,p-Xylene(sim)
Conc: 8$ 0.813 ppbv
RT: 11.128 min Scan# 734
Delta R.T. 0.000 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

Tgt Ion: 91 Resp: 55415

Ion	Ratio	Lower	Upper
91	100		
106	50.7	43.2	52.8
105	24.4	19.0	28.6



CLIENT ID

AIR ANALYSIS DATA SHEET

SV-3 5X

Client: SESI-NYSAMPLES Lab: Phoenix Env. Labs

SDG No.: GCS34475 Lab Sample ID: CS34476 5X

Canister: 9494 Lab File ID: 1223_24.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 12/23/24

Purge Volume 200 (cc) Date Analyzed: 12/24/24

Matrix: AIR Dilution Factor: 5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	2.91	U	2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	2.66	U	2.66	2.66	r
67-64-1	Acetone	38.3	S	2.11	2.11	r
67-63-0	Isopropylalcohol	2.04	U	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	14.8		1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	2.71		1.70	1.70	r
110-54-3	Hexane	2.11	S	1.42	1.42	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
71-43-2	Benzene	1.57	U	1.57	1.57	r
110-82-7	Cyclohexane	3.28		1.45	1.45	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	4.31		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
127-18-4	Tetrachloroethene	1.34		0.184	0.184	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.63		1.15	1.15	r
179601-23-1	m,p-Xylene	5.72		1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.83		1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.24		1.02	1.02	r
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	1.08		1.02	1.02	r
91-20-3	Naphthalene	1.00	U	1.00	1.00	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

AIR ANALYSIS DATA SHEET

CLIENT ID: SV-3 5X

Client: SESI-NYSAMPLES Lab: Phoenix Env. Labs

SDG No.: GCS34475 Lab Sample ID: CS34476 5X

Canister: 9494 Lab File ID: 1223_24.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 12/23/24

Purge Volume 200 (cc) Date Analyzed: 12/24/24

Matrix: AIR Dilution Factor: 5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
75-69-4	Trichlorofluoromethane(sim)	0.891	U	0.891	0.891	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-55-6	1,1,1-Trichloroethane(sim)	0.917	U	0.917	0.917	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
67-66-3	Chloroform(sim)	1.02	U	1.02	1.02	r
78-87-5	1,2-dichloropropane(sim)	1.08	U	1.08	1.08	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
79-01-6	Trichloroethene(sim)	0.185	U	0.185	0.185	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_24.D
Acq On : 24 Dec 2024 5:03 am
Operator :
Client ID : SV-3 5X
Lab ID : CS34476 5X
ALS Vial : 20 Sample Multiplier: 1

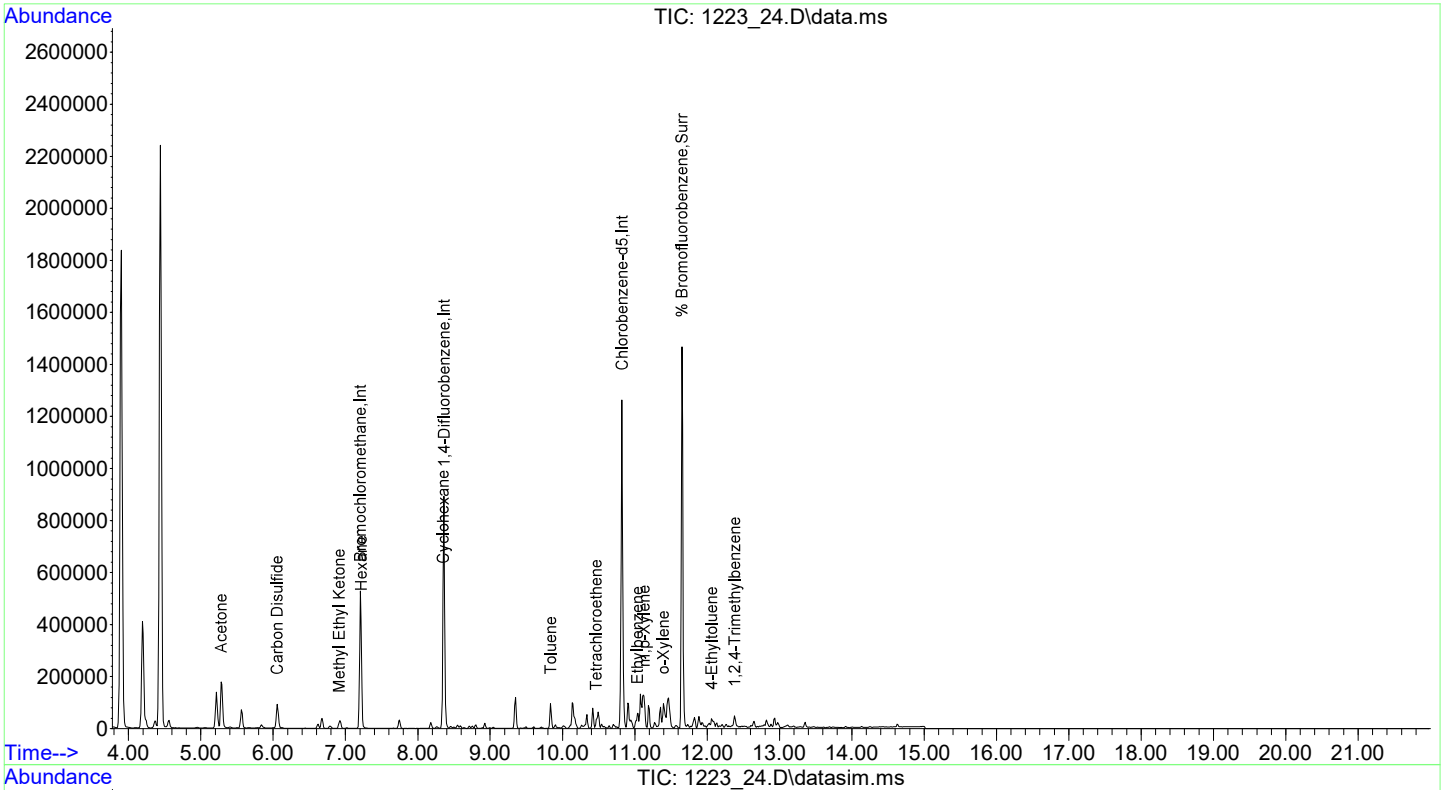
Quant Time: Dec 24 09:39:10 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

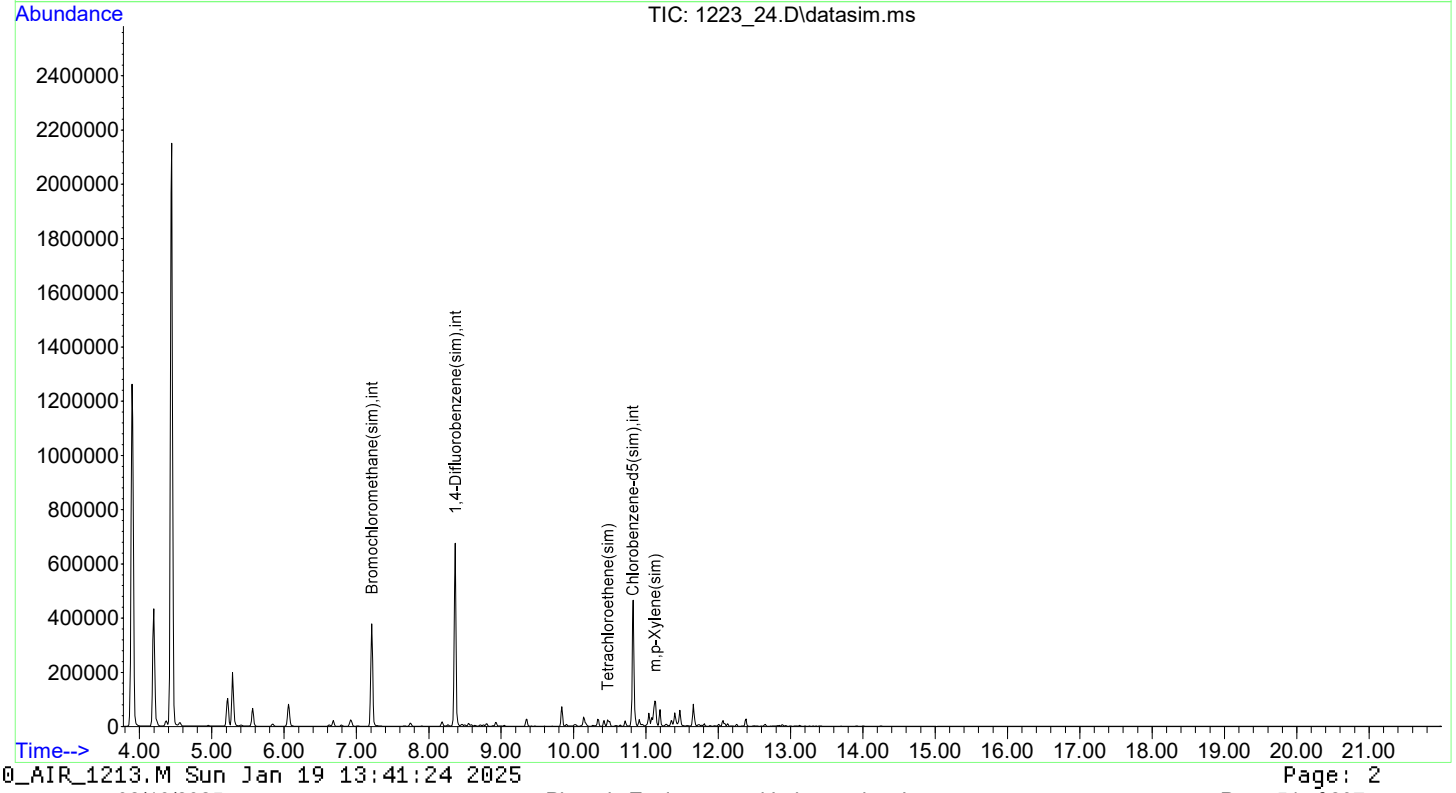
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.205	130	168286	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.360	114	606155	10.000	ng		0.00
53) Chlorobenzene-d5	10.821	82	302853	10.000	ng		0.00
80) Bromochloromethane(sim)	7.211	130	184048	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.360	114	606155	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.821	82	302853	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.651	95	405753	10.201	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.00%				
Target Compounds							Qvalue
12) Acetone	5.280	43	224199	7.667	ppbv#		82
20) Carbon Disulfide	6.054	76	135565	2.958	ppbv		99
25) Methyl Ethyl Ketone	6.914	43	21601	0.542	ppbv#		55
27) Hexane	7.216	57	12308	0.422	ppbv#		79
35) Cyclohexane	8.349	84	13164m	0.656	ppbv#		86
48) Toluene	9.835	91	56581	0.862	ppbv		96
52) Tetrachloroethene	10.466	166	9238	0.267	ppbv		94
56) Ethylbenzene	11.036	91	25335	0.326	ppbv		94
57) m,p-Xylene	11.128	91	67095	1.144	ppbv		99
61) o-Xylene	11.395	91	22609	0.365	ppbv		95
66) 4-Ethyltoluene	12.061	105	21736	0.247	ppbv		98
68) 1,2,4-Trimethylbenzene	12.379	105	15679	0.215	ppbv#		84
104] Tetrachloroethene(sim)	10.472	166	10433	0.267	ppbv		96
107] m,p-Xylene(sim)	11.128	91	67210	0.971	ppbv		99

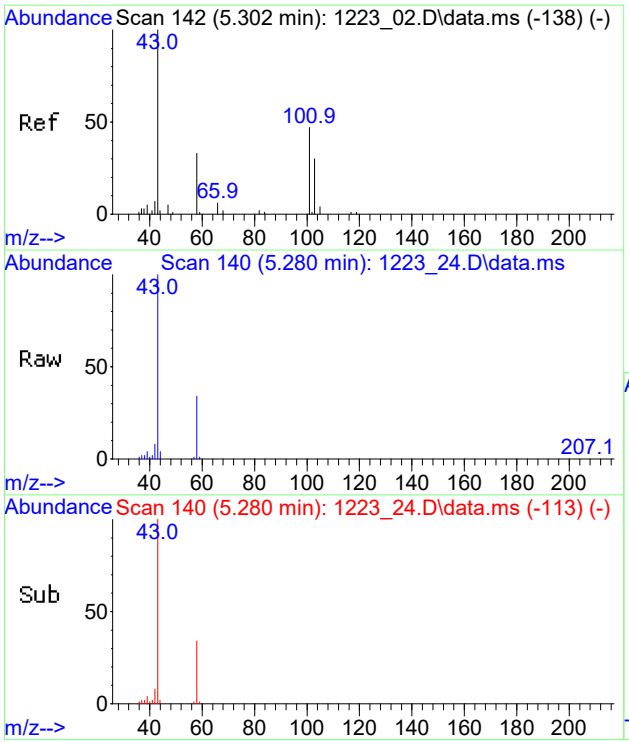
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_24.D
Acq On : 24 Dec 2024 5:03 am
Operator :
Client ID : SV-3 5X
Lab ID : CS34476 5X
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 24 09:39:10 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration



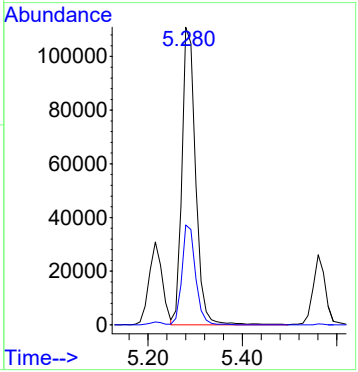


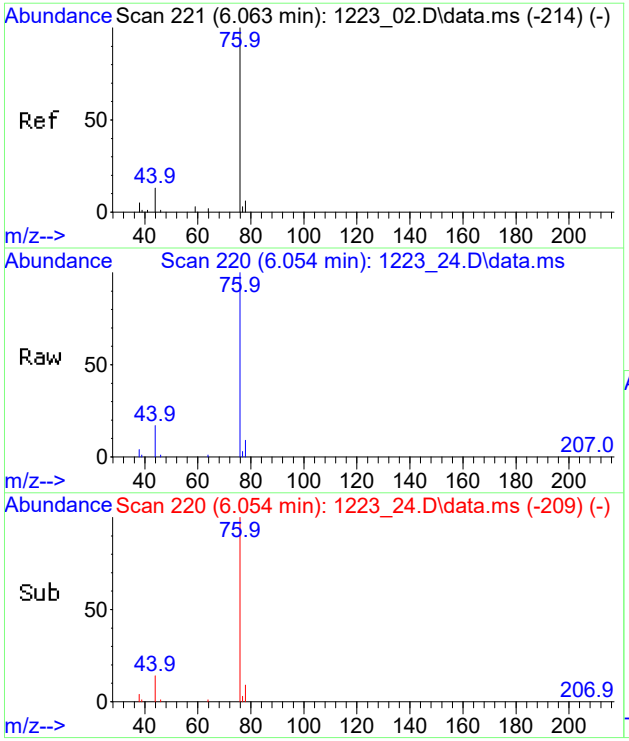


#12
Acetone
Conc: 8$ 7.667 ppbv
RT: 5.280 min Scan# 140
Delta R.T. -0.011 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

Tgt Ion: 43 Resp: 224199

Ion	Ratio	Lower	Upper
43	100		
58	33.4	19.5	29.3#

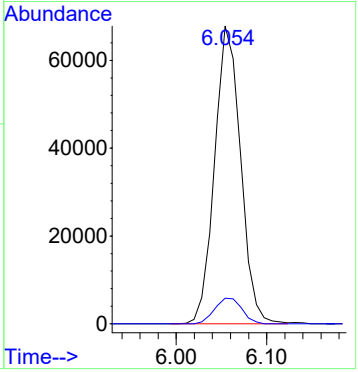


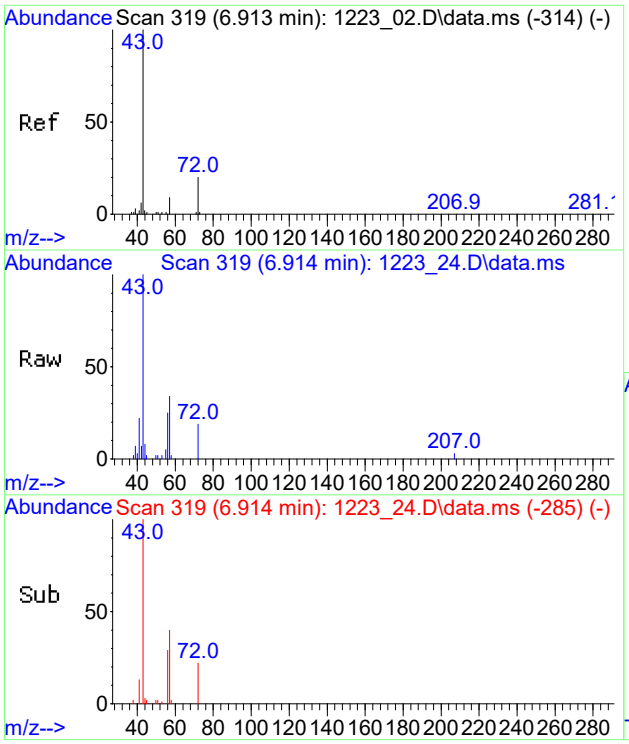


#20
Carbon Disulfide
Conc: 8$ 2.958 ppbv
RT: 6.054 min Scan# 220
Delta R.T. -0.009 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

Tgt Ion: 76 Resp: 135565

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

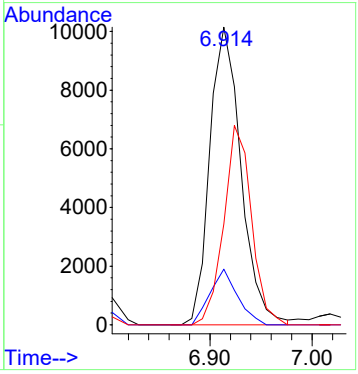


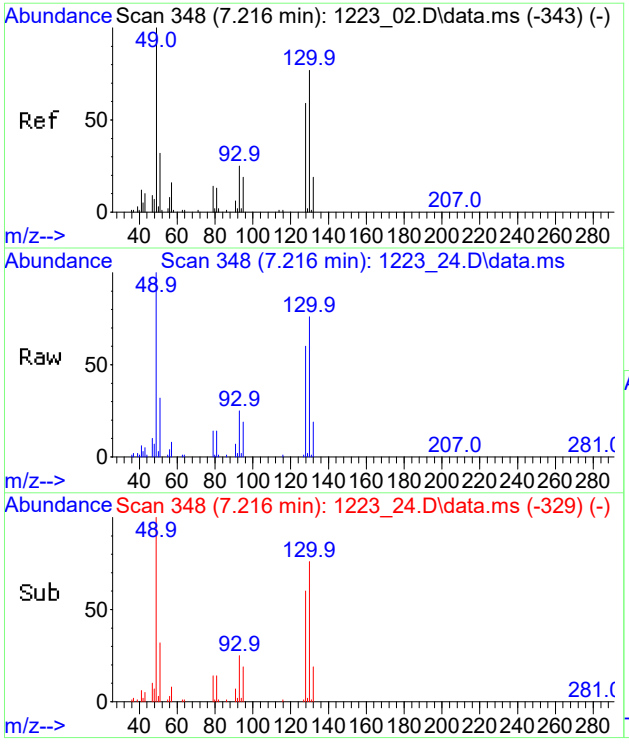


#25
Methyl Ethyl Ketone
Conc: 8$ 0.542 ppbv
RT: 6.914 min Scan# 319
Delta R.T. 0.011 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

Tgt Ion: 43 Resp: 21601

Ion	Ratio	Lower	Upper
43	100		
72	16.6	14.6	22.0
57	59.3	5.7	8.5#

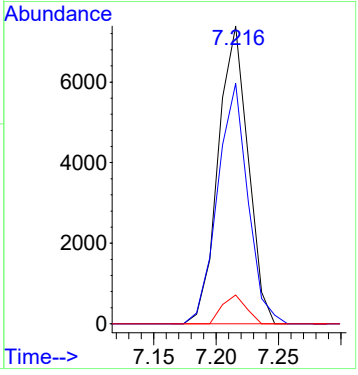


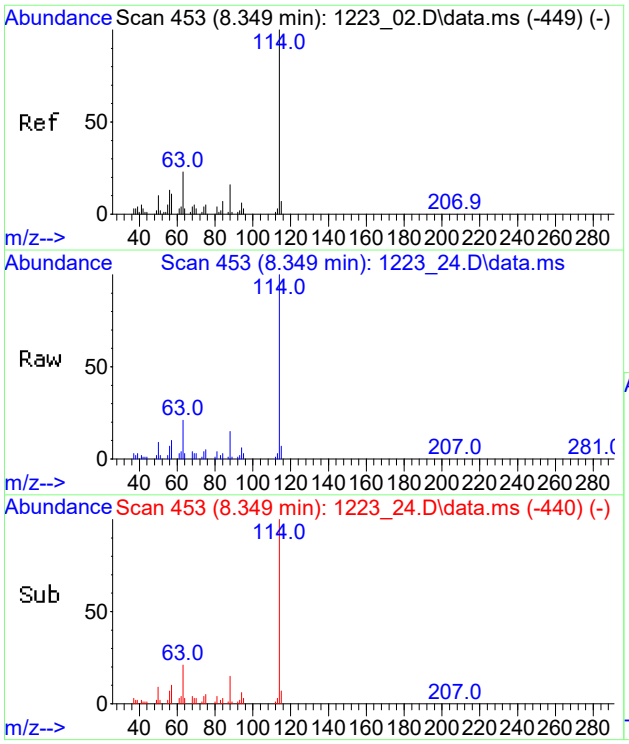


#27
Hexane
Conc: 8$ 0.422 ppbv
RT: 7.216 min Scan# 348
Delta R.T. 0.001 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

Tgt Ion: 57 Resp: 12308

Ion	Ratio	Lower	Upper
57	100		
41	82.0	83.3	124.9#
86	7.8	10.7	16.1#

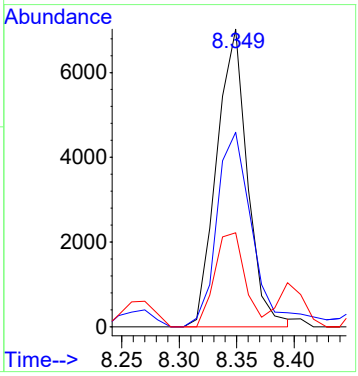


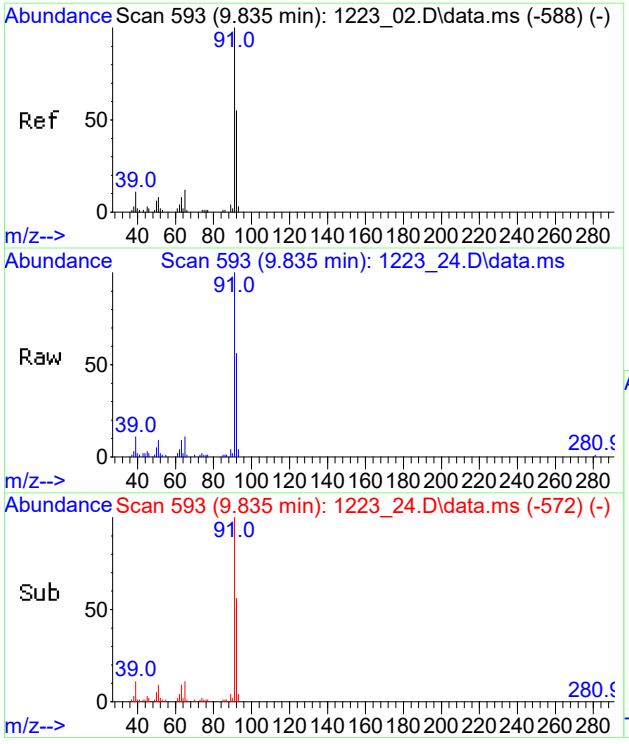


#35
Cyclohexane
Conc: 8$ 0.656 ppbv
RT: 8.349 min Scan# 453
Delta R.T. 0.000 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

Tgt Ion: 84 Resp: 13164

Ion	Ratio	Lower	Upper
84	100		
55	73.5	50.9	76.3
42	31.4	32.7	49.1#

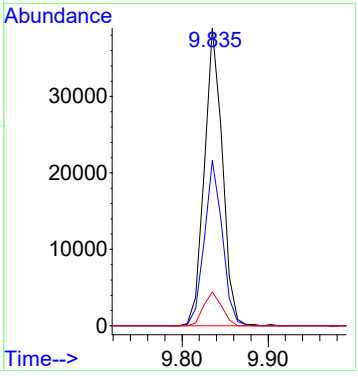


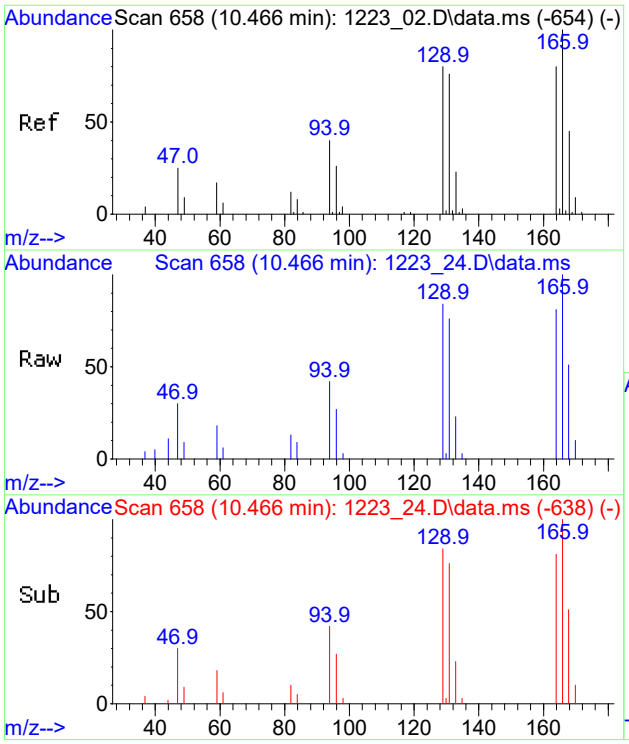


#48
Toluene
Conc: 8$ 0.862 ppbv
RT: 9.835 min Scan# 593
Delta R.T. 0.000 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

Tgt Ion: 91 Resp: 56581

Ion	Ratio	Lower	Upper
91	100		
92	55.1	46.5	69.7
65	11.5	10.6	16.0

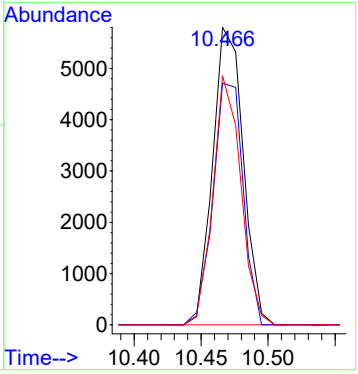


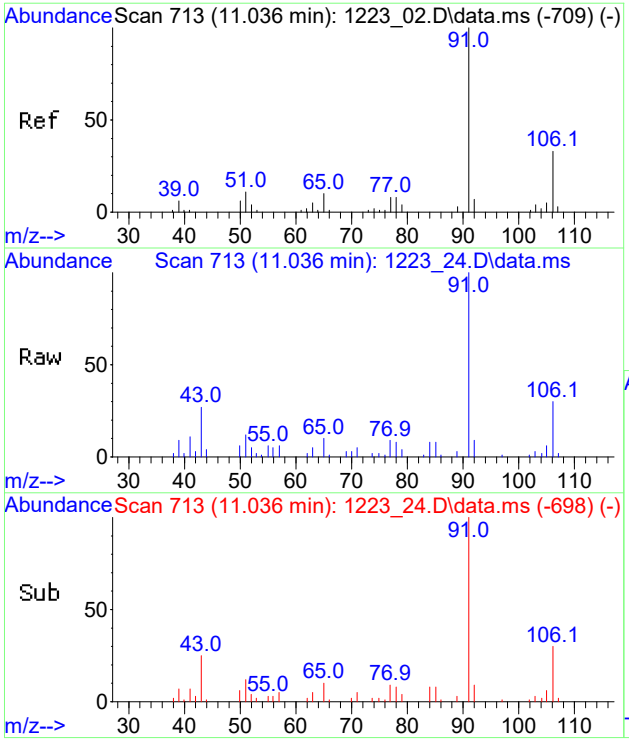


#52
Tetrachloroethene
Conc: 8$ 0.267 ppbv
RT: 10.466 min Scan# 658
Delta R.T. -0.010 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

Tgt Ion:166 Resp: 9238

Ion	Ratio	Lower	Upper
166	100		
164	79.9	61.4	92.0
129	76.2	55.3	82.9

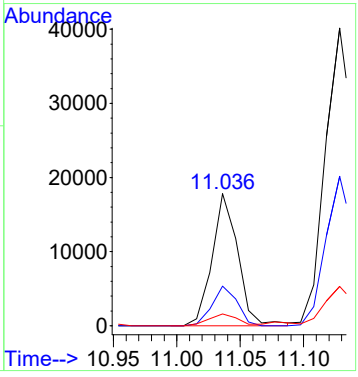


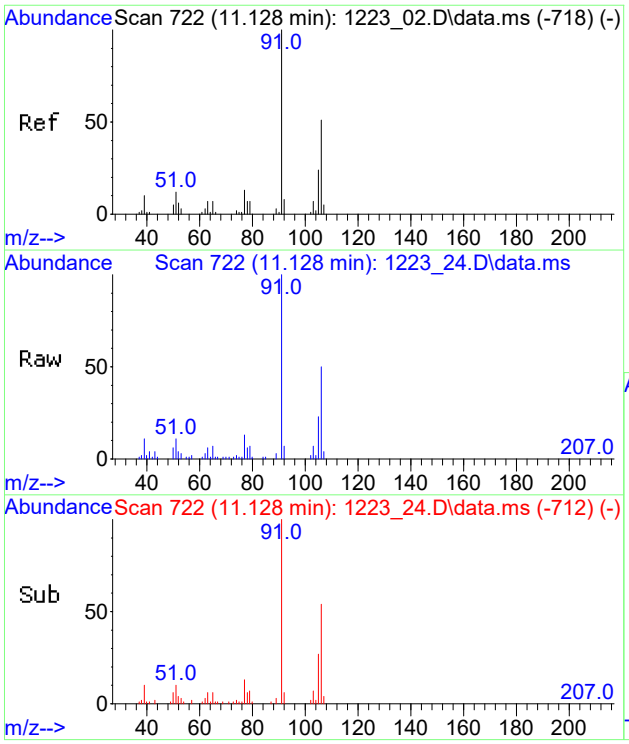


#56
Ethylbenzene
Conc: 8$ 0.326 ppbv
RT: 11.036 min Scan# 713
Delta R.T. 0.000 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

Tgt Ion: 91 Resp: 25335

Ion	Ratio	Lower	Upper
91	100		
106	29.3	13.6	53.6
77	10.5	0.0	30.2

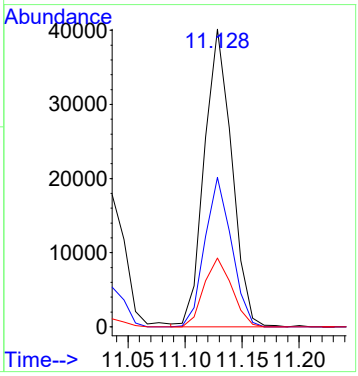


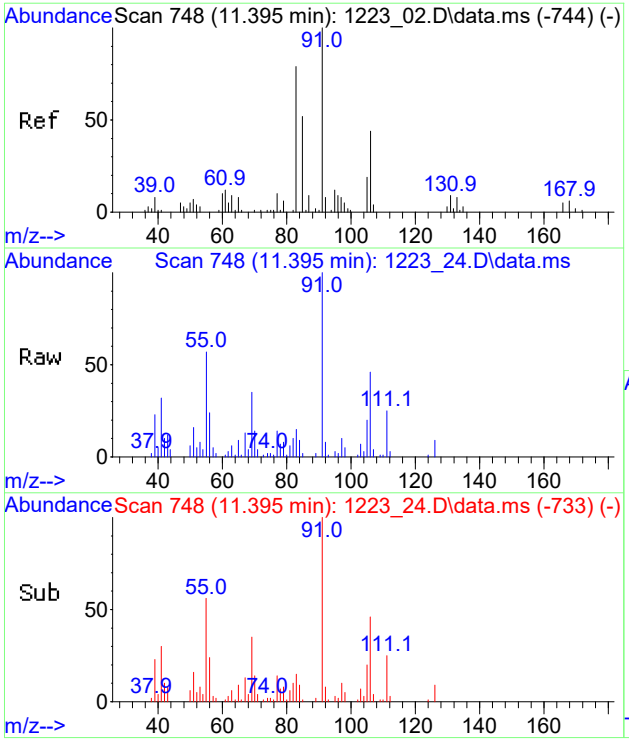


#57
m,p-Xylene
Conc: 8$ 1.144 ppbv
RT: 11.128 min Scan# 722
Delta R.T. 0.000 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

Tgt Ion: 91 Resp: 67095

Ion	Ratio	Lower	Upper
91	100		
106	48.8	38.0	57.0
105	23.5	19.0	28.6

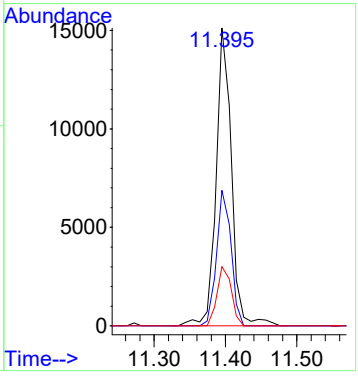


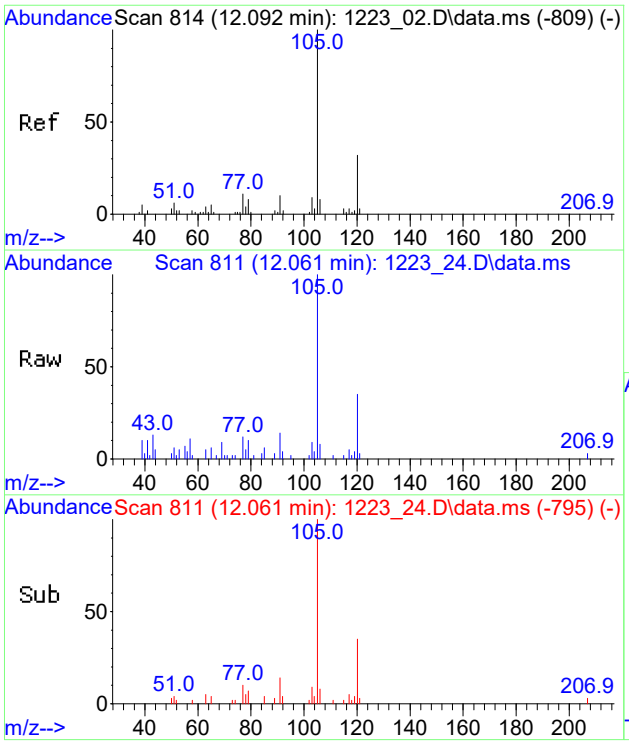


#61
o-Xylene
Conc: 8$ 0.365 ppbv
RT: 11.395 min Scan# 748
Delta R.T. -0.000 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

Tgt Ion: 91 Resp: 22609

Ion	Ratio	Lower	Upper
91	100		
106	43.0	37.5	56.3
105	18.6	16.1	24.1

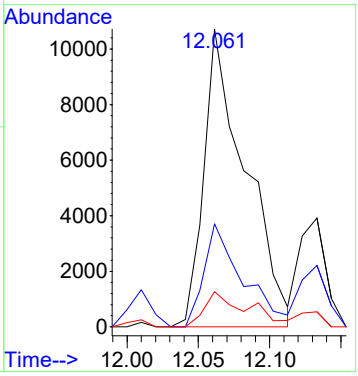


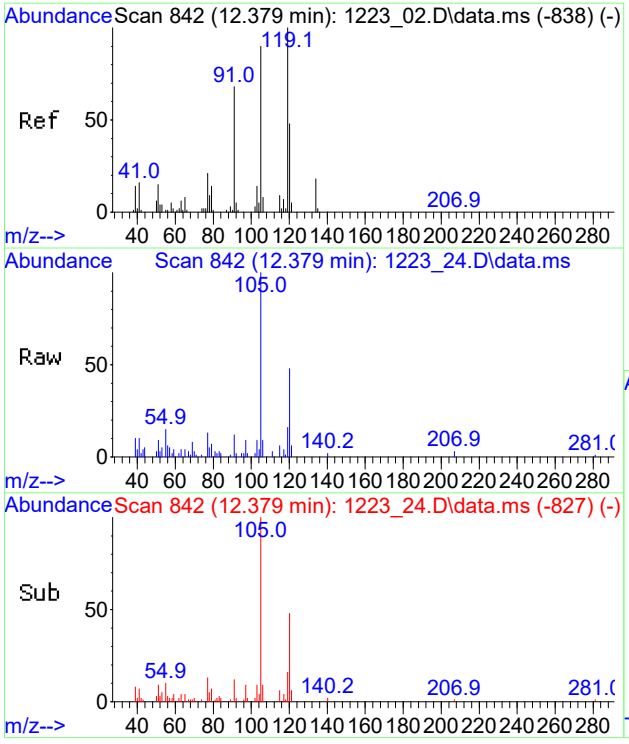


#66
4-Ethyltoluene
Conc: 8$ 0.247 ppbv
RT: 12.061 min Scan# 811
Delta R.T. -0.031 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

Tgt Ion:105 Resp: 21736

Ion	Ratio	Lower	Upper
105	100		
120	32.5	25.2	37.8
77	12.4	10.9	16.3

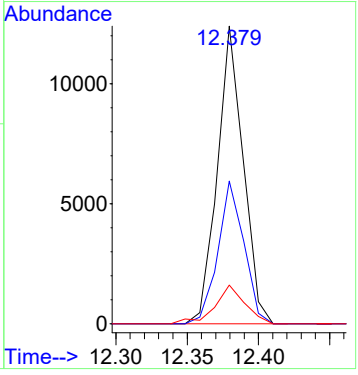


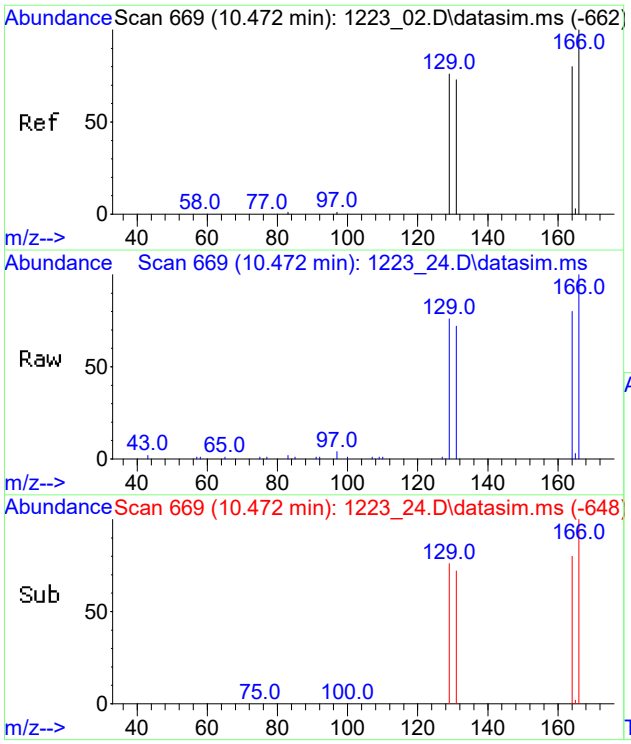


#68
1,2,4-Trimethylbenzene
Conc: 8$ 0.215 ppbv
RT: 12.379 min Scan# 842
Delta R.T. 0.000 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

Tgt Ion:105 Resp: 15679

Ion	Ratio	Lower	Upper
105	100		
120	48.2	46.2	69.4
77	15.1	21.8	32.6#

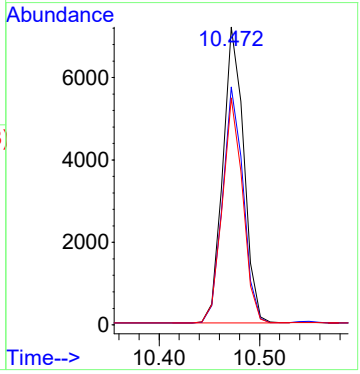


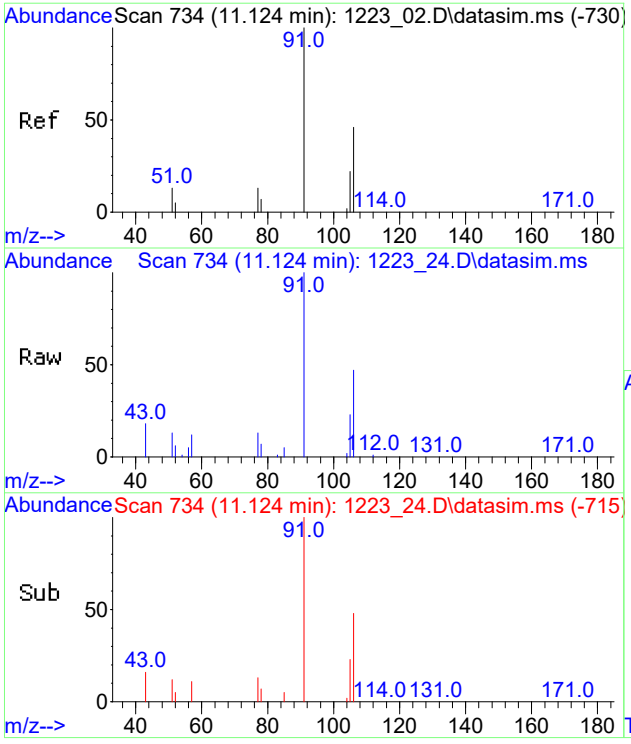


#104
Tetrachloroethene(sim)
Conc: 8$ 0.267 ppbv
RT: 10.472 min Scan# 669
Delta R.T. -0.000 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

Tgt Ion:166 Resp: 10433

Ion	Ratio	Lower	Upper
166	100		
164	78.6	58.0	98.0
129	73.9	48.3	88.3

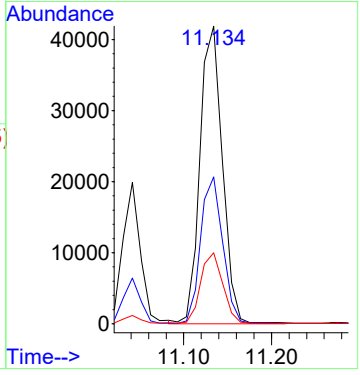




#107
m,p-Xylene(sim)
Conc: 8$ 0.971 ppbv
RT: 11.128 min Scan# 734
Delta R.T. 0.000 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

Tgt Ion: 91 Resp: 67210

Ion	Ratio	Lower	Upper
91	100		
106	48.7	43.2	52.8
105	23.5	19.0	28.6



CLIENT ID

AIR ANALYSIS DATA SHEET

SV-2 5X

Client: SESI-NYSAMPLES Lab: Phoenix Env. Labs

SDG No.: GCS34475 Lab Sample ID: CS34477 5X

Canister: 12871 Lab File ID: 1223_25.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 12/23/24

Purge Volume 200 (cc) Date Analyzed: 12/24/24

Matrix: AIR Dilution Factor: 5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	5.05		2.91	2.91	r
75-71-8	Dichlorodifluoromethane	1.01	U	1.01	1.01	r
74-87-3	Chloromethane	2.42	U	2.42	2.42	r
106-99-0	1,3-Butadiene	2.26	U	2.26	2.26	r
75-00-3	Chloroethane	1.90	U	1.90	1.90	r
64-17-5	Ethanol	2.66	U	2.66	2.66	r
67-64-1	Acetone	28.2	S	2.11	2.11	r
67-63-0	Isopropylalcohol	2.04	U	2.04	2.04	r
107-13-1	Acrylonitrile	2.31	U	2.31	2.31	r
75-09-2	Methylene Chloride	4.32	U	4.32	4.32	r
75-15-0	Carbon Disulfide	1.61	U	1.61	1.61	r
1634-04-4	Methyl tert-butyl ether(MTBE)	1.39	U	1.39	1.39	r
78-93-3	Methyl Ethyl Ketone	2.81		1.70	1.70	r
110-54-3	Hexane	1.42	U	1.42	1.42	r
67-66-3	Chloroform	88.2		1.02	1.02	r
141-78-6	Ethyl acetate	1.39	U	1.39	1.39	r
109-99-9	Tetrahydrofuran	1.70	U	1.70	1.70	r
71-55-6	1,1,1-Trichloroethane	1.83		0.917	0.917	r
110-82-7	Cyclohexane	1.45	U	1.45	1.45	r
78-87-5	1,2-dichloropropane	2.04		1.08	1.08	r
79-01-6	Trichloroethene	1.80		0.185	0.185	r
540-84-1	2,2,4-trimethylpentane	1.07	U	1.07	1.07	r
142-82-5	Heptane	1.22	U	1.22	1.22	r
108-10-1	4-Methyl-2-pentanone(MIBK)	1.22	U	1.22	1.22	r
10061-02-6	trans-1,3-Dichloropropene	1.10	U	1.10	1.10	r
108-88-3	Toluene	3.73		1.33	1.33	r
591-78-6	2-Hexanone(MBK)	1.22	U	1.22	1.22	r
127-18-4	Tetrachloroethene	170		0.184	0.184	r
630-20-6	1,1,1,2-Tetrachloroethane	0.729	U	0.729	0.729	r
108-90-7	Chlorobenzene	1.09	U	1.09	1.09	r
100-41-4	Ethylbenzene	1.15	U	1.15	1.15	r
179601-23-1	m,p-Xylene	4.73		1.15	1.15	r
100-42-5	Styrene	1.17	U	1.17	1.17	r
95-47-6	o-Xylene	1.69		1.15	1.15	r
98-82-8	Isopropylbenzene	1.02	U	1.02	1.02	r
622-96-8	4-Ethyltoluene	1.74		1.02	1.02	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1

AIR ANALYSIS DATA SHEET

CLIENT ID: SV-2 5X

Client: SESI-NYSAMPLES Lab: Phoenix Env. Labs

SDG No.: GCS34475 Lab Sample ID: CS34477 5X

Canister: 12871 Lab File ID: 1223_25.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 12/23/24

Purge Volume 200 (cc) Date Analyzed: 12/24/24

Matrix: AIR Dilution Factor: 5

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
108-67-8	1,3,5-Trimethylbenzene	1.02	U	1.02	1.02	r
95-63-6	1,2,4-Trimethylbenzene	2.18		1.02	1.02	r
91-20-3	Naphthalene	1.00	U	1.00	1.00	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.716	U	0.716	0.716	r
75-01-4	Vinyl Chloride(sim)	0.390	U	0.390	0.390	r
74-83-9	Bromomethane(sim)	1.29	U	1.29	1.29	r
75-69-4	Trichlorofluoromethane(sim)	0.891	U	0.891	0.891	r
107-06-2	1,2-Dichloroethane(sim)	1.24	U	1.24	1.24	r
71-43-2	Benzene(sim)	1.57	U	1.57	1.57	r
56-23-5	Carbon Tetrachloride(sim)	0.159	U	0.159	0.159	r
75-35-4	1,1-Dichloroethene(sim)	0.252	U	0.252	0.252	r
76-13-1	Trichlorotrifluoroethane(sim)	0.653	U	0.653	0.653	r
156-60-5	Trans-1,2-Dichloroethene(sim)	1.26	U	1.26	1.26	r
75-34-3	1,1-Dichloroethane(sim)	1.24	U	1.24	1.24	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-27-4	Bromodichloromethane(sim)	0.747	U	0.747	0.747	r
123-91-1	1,4-Dioxane(sim)	1.39	U	1.39	1.39	r
10061-01-5	cis-1,3-Dichloropropene(sim)	1.10	U	1.10	1.10	r
79-00-5	1,1,2-Trichloroethane(sim)	0.917	U	0.917	0.917	r
124-48-1	Dibromochloromethane(sim)	0.587	U	0.587	0.587	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.651	U	0.651	0.651	r
75-25-2	Bromoform(sim)	0.484	U	0.484	0.484	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.729	U	0.729	0.729	r
100-44-7	Benzyl chloride(sim)	0.966	U	0.966	0.966	r
541-73-1	1,3-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
106-46-7	1,4-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
135-98-8	sec-Butylbenzene(sim)	0.911	U	0.911	0.911	r
99-87-6	4-Isopropyltoluene(sim)	0.911	U	0.911	0.911	r
95-50-1	1,2-Dichlorobenzene(sim)	0.832	U	0.832	0.832	r
104-51-8	n-Butylbenzene(sim)	0.911	U	0.911	0.911	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.674	U	0.674	0.674	r
87-68-3	Hexachlorobutadiene(sim)	0.469	U	0.469	0.469	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_25.D
Acq On : 24 Dec 2024 5:34 am
Operator :
Client ID : SV-2 5X
Lab ID : CS34477 5X
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 24 09:39:38 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

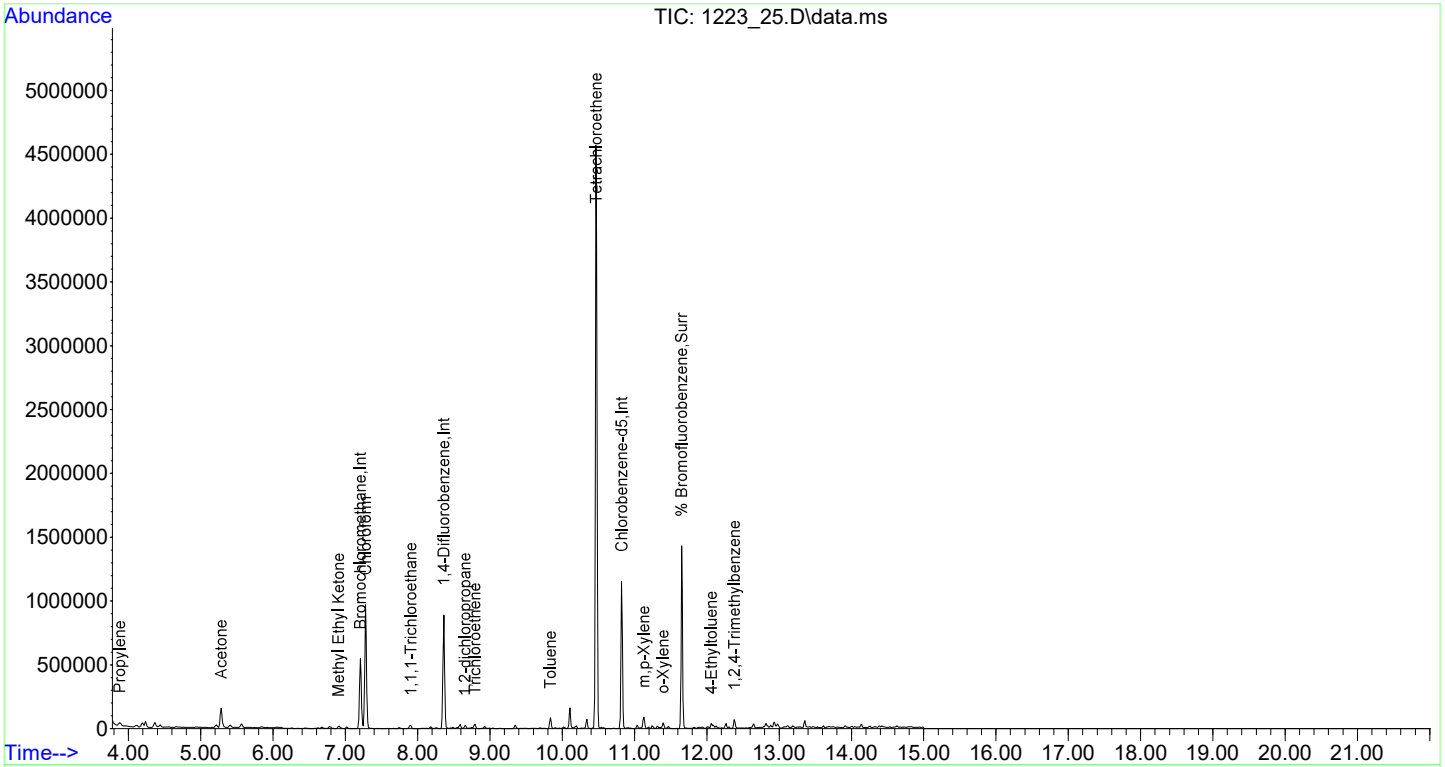
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.205	130	177900	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.360	114	610989	10.000	ng		0.00
53) Chlorobenzene-d5	10.821	82	281127	10.000	ng		0.00
80) Bromochloromethane(sim)	7.211	130	192553	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.360	114	610989	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.821	82	281127	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.651	95	396564	10.740	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.40%				
Target Compounds							Qvalue
2) Propylene	3.879	41	17842m	1.010	ppbv		93
12) Acetone	5.280	43	174454	5.643	ppbv#		72
25) Methyl Ethyl Ketone	6.903	43	23681	0.562	ppbv#		85
28) Chloroform	7.278	83	665771	17.634	ppbv		95
32) 1,1,1-Trichloroethane	7.903	97	14811	0.365	ppbv		99
37) 1,2-dichloropropane	8.655	63	9346	0.407	ppbv#		71
39) Trichloroethene	8.790	130	9067	0.359	ppbv		95
48) Toluene	9.835	91	49333	0.746	ppbv		97
52) Tetrachloroethene	10.466	166	1181805	33.913	ppbv		94
57) m,p-Xylene	11.128	91	51469	0.945	ppbv		99
61) o-Xylene	11.395	91	19433	0.338	ppbv		99
66) 4-Ethyltoluene	12.061	105	28401	0.348	ppbv		97
68) 1,2,4-Trimethylbenzene	12.379	105	29482	0.436	ppbv#		79
86] 1,1,1-Trichloroethane(...	7.898	97	16160	0.357	ppbv#		97
94] Chloroform(sim)	7.284	83	717830	17.335	ppbv		96
96] 1,2-dichloropropane(sim)	8.660	63	10423	0.412	ppbv#		80
98] Trichloroethene(sim)	8.796	130	10360	0.339	ppbv		97
104] Tetrachloroethene(sim)	10.472	166	1306203	33.129	ppbv		98
107] m,p-Xylene(sim)	11.128	91	51469	0.801	ppbv		99

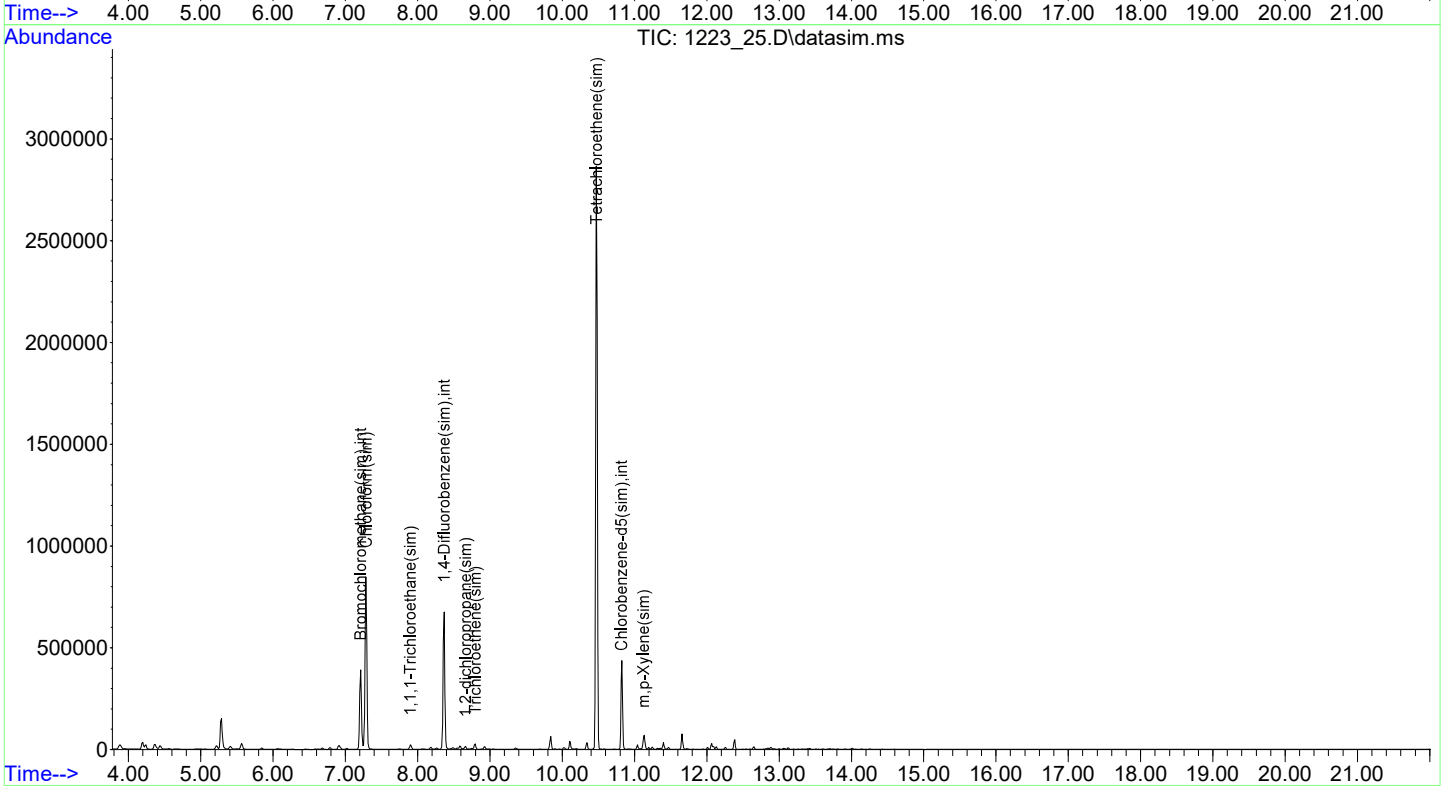
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

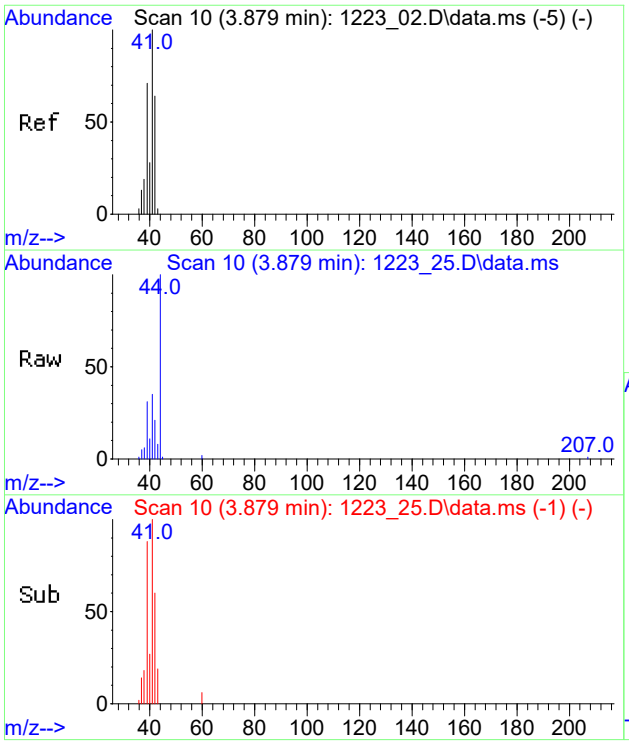
Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_25.D
Acq On : 24 Dec 2024 5:34 am
Operator :
Client ID : SV-2 5X
Lab ID : CS34477 5X
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 24 09:39:38 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration



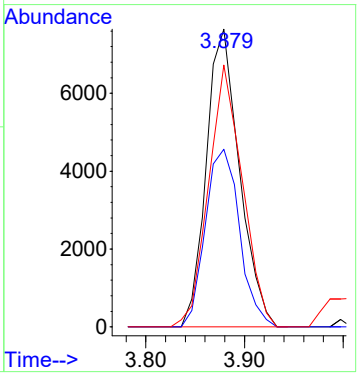


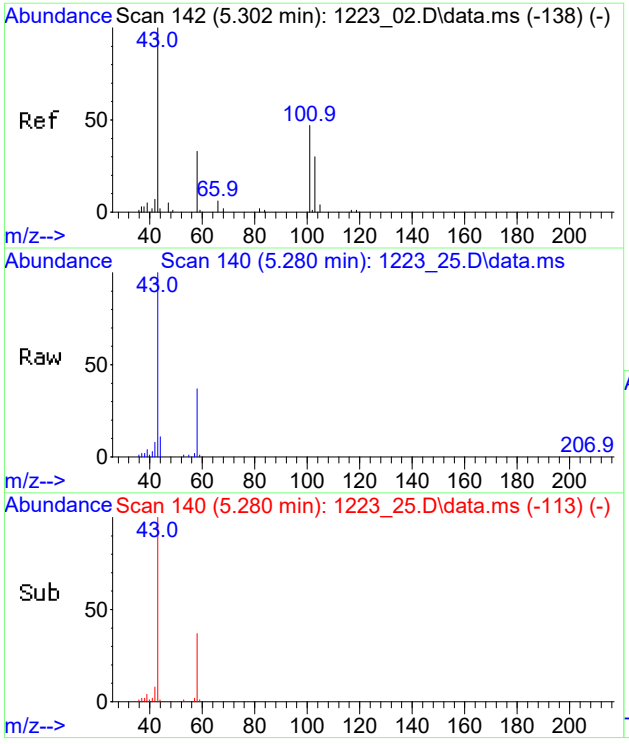


#2
Propylene
Conc: 8$ 1.010 ppbv
RT: 3.879 min Scan# 10
Delta R.T. -0.011 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion: 41 Resp: 17842

Ion	Ratio	Lower	Upper
41	100		
42	61.6	52.8	79.2
39	89.6	65.7	98.5

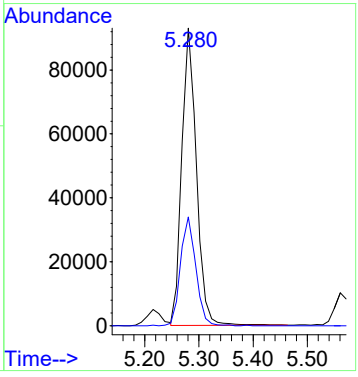


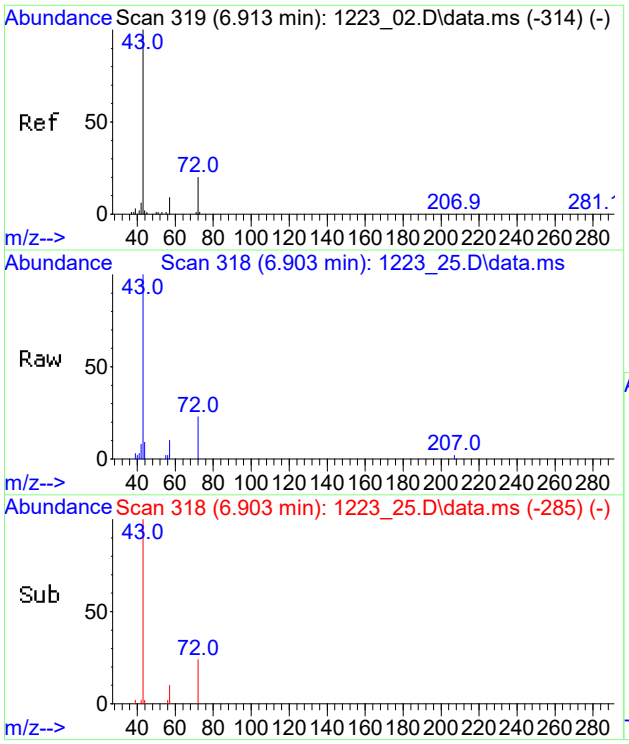


#12
Acetone
Conc: 8$ 5.643 ppbv
RT: 5.280 min Scan# 140
Delta R.T. -0.011 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion: 43 Resp: 174454

Ion	Ratio	Lower	Upper
43	100		
58	38.4	19.5	29.3#

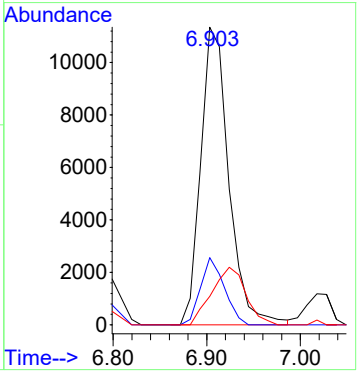


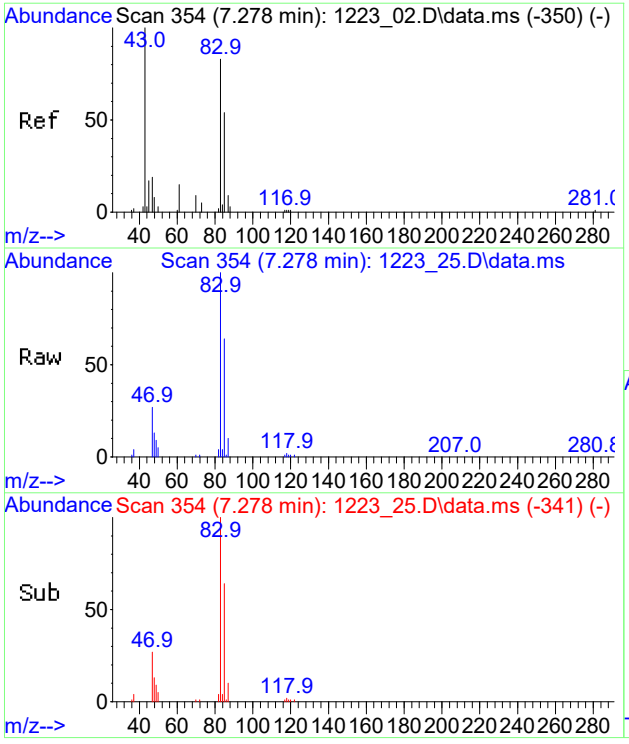


#25
Methyl Ethyl Ketone
Conc: 8$ 0.562 ppbv
RT: 6.903 min Scan# 318
Delta R.T. -0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion: 43 Resp: 23681

Ion	Ratio	Lower	Upper
43	100		
72	19.2	14.6	22.0
57	23.5	5.7	8.5#

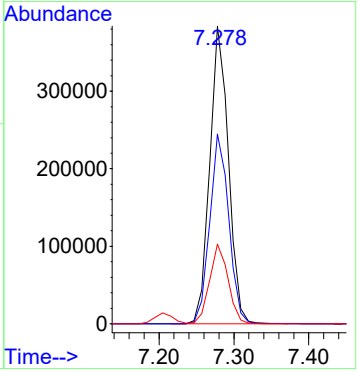


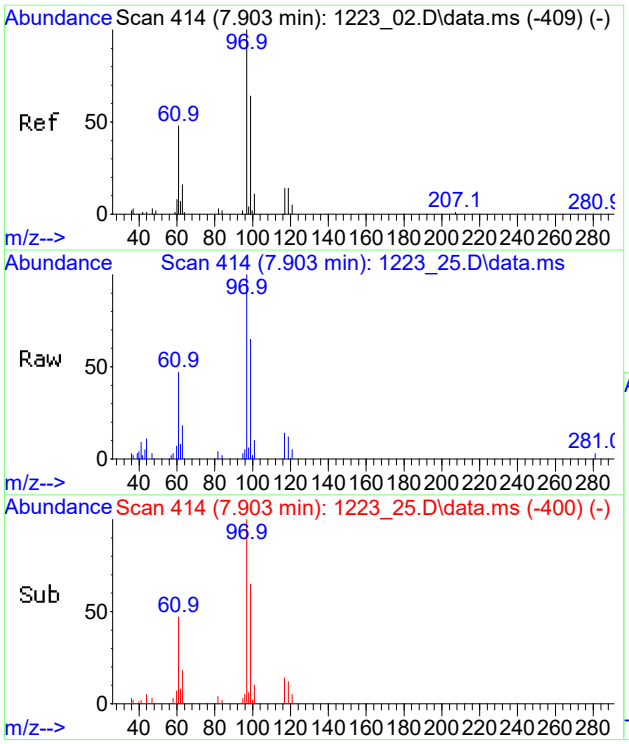


#28
Chloroform
Conc: 8$ 17.634 ppbv
RT: 7.278 min Scan# 354
Delta R.T. -0.010 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion: 83 Resp: 665771

Ion	Ratio	Lower	Upper
83	100		
85	64.9	43.7	83.7
47	26.7	13.4	53.4

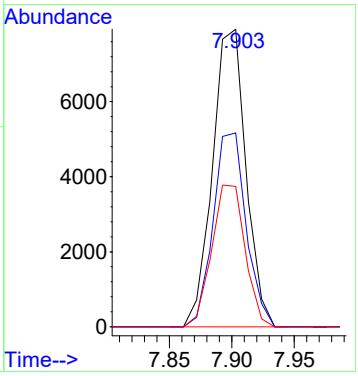


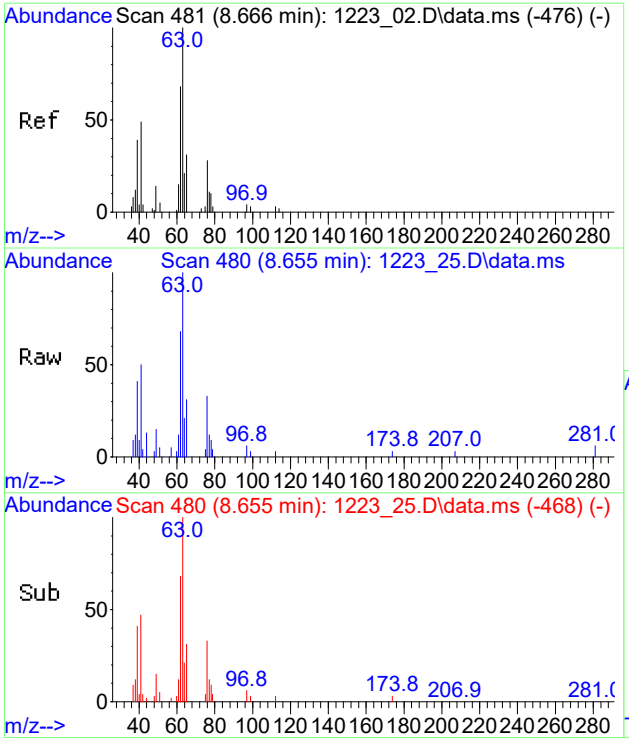


#32
1,1,1-Trichloroethane
Conc: 8$ 0.365 ppbv
RT: 7.903 min Scan# 414
Delta R.T. -0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion: 97 Resp: 14811

Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.6	78.8
61	47.6	37.7	56.5

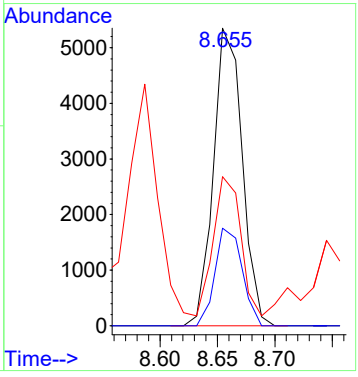


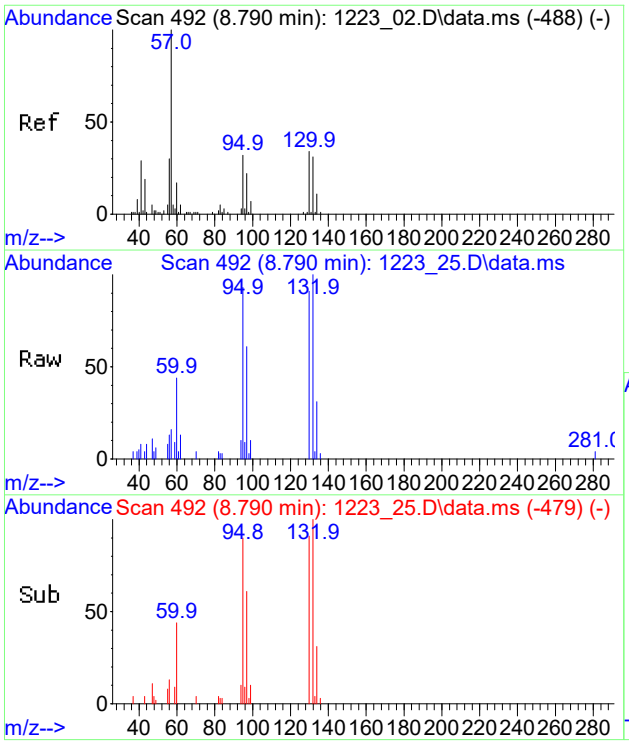


#37
1,2-dichloropropane
Conc: 8$ 0.407 ppbv
RT: 8.655 min Scan# 480
Delta R.T. -0.011 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion: 63 Resp: 9346

Ion	Ratio	Lower	Upper
63	100		
76	30.9	27.8	41.8
41	44.2	61.9	92.9#

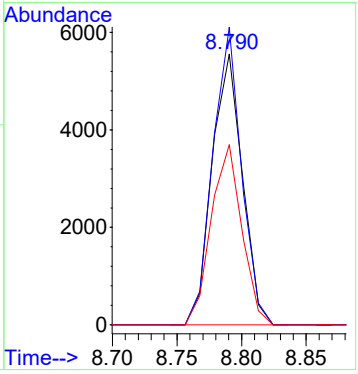


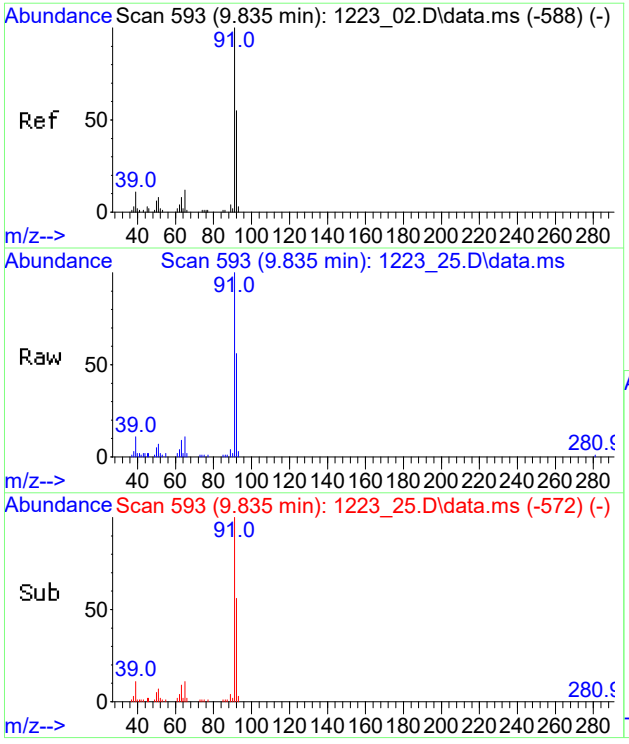


#39
Trichloroethene
Conc: 8$ 0.359 ppbv
RT: 8.790 min Scan# 492
Delta R.T. 0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion:130 Resp: 9067

Ion	Ratio	Lower	Upper
130	100		
132	103.7	78.5	117.7
97	67.2	51.7	77.5

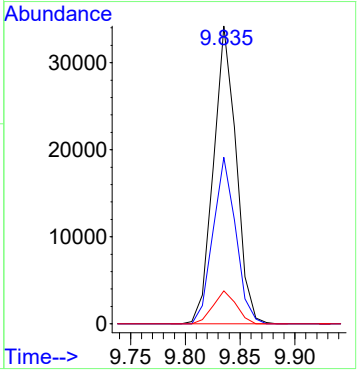


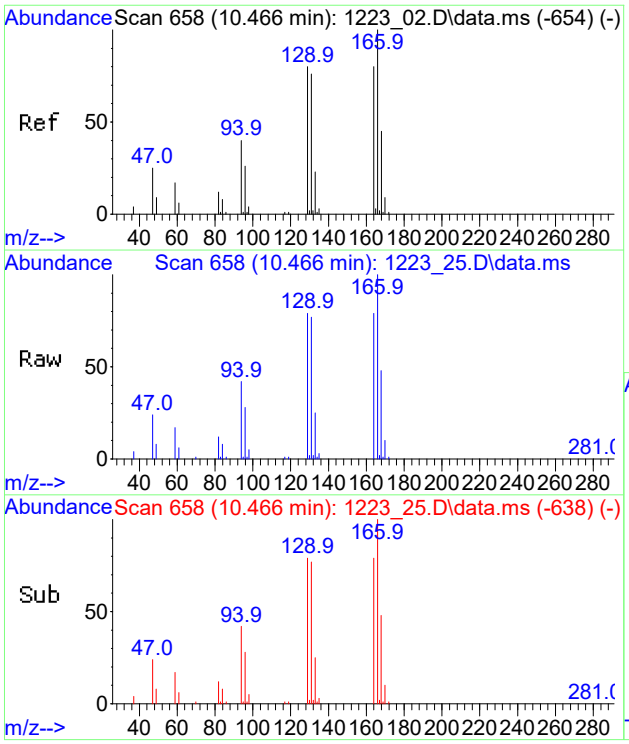


#48
Toluene
Conc: 8$ 0.746 ppbv
RT: 9.835 min Scan# 593
Delta R.T. 0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion: 91 Resp: 49333

Ion	Ratio	Lower	Upper
91	100		
92	56.1	46.5	69.7
65	11.3	10.6	16.0

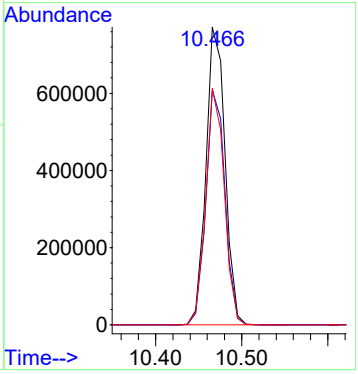


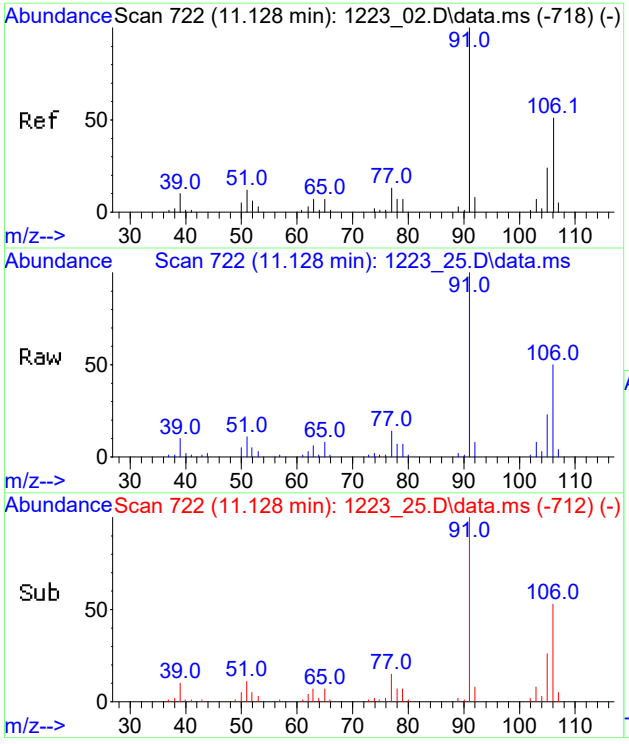


#52
Tetrachloroethene
Conc: 8$ 33.913 ppbv
RT: 10.466 min Scan# 658
Delta R.T. -0.010 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion:166 Resp: 1181805

Ion	Ratio	Lower	Upper
166	100		
164	78.8	61.4	92.0
129	77.1	55.3	82.9

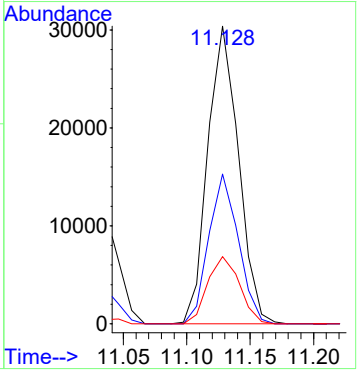


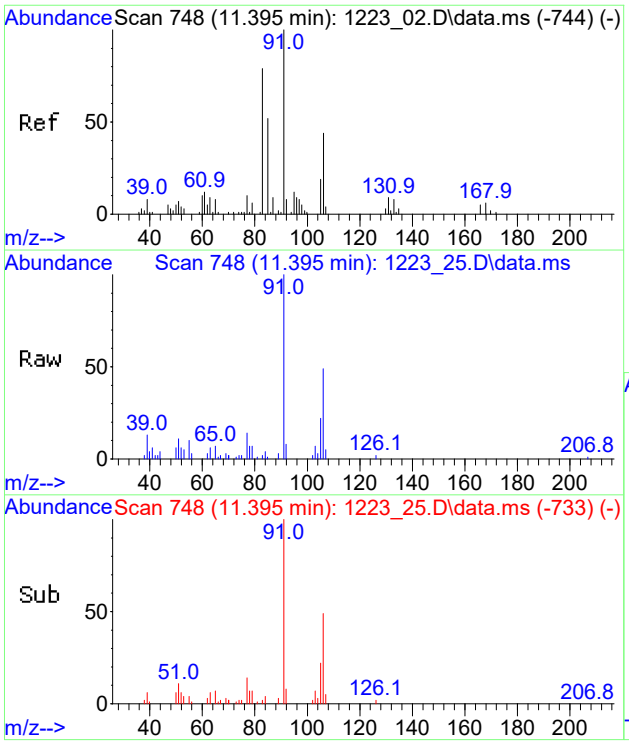


#57
m,p-Xylene
Conc: 8$ 0.945 ppbv
RT: 11.128 min Scan# 722
Delta R.T. 0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion: 91 Resp: 51469

Ion	Ratio	Lower	Upper
91	100		
106	48.5	38.0	57.0
105	23.5	19.0	28.6

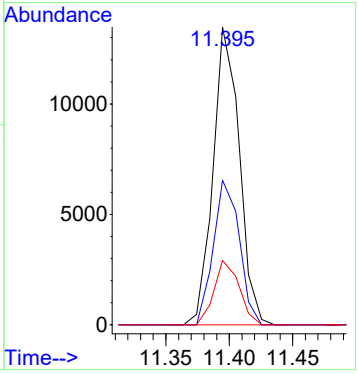


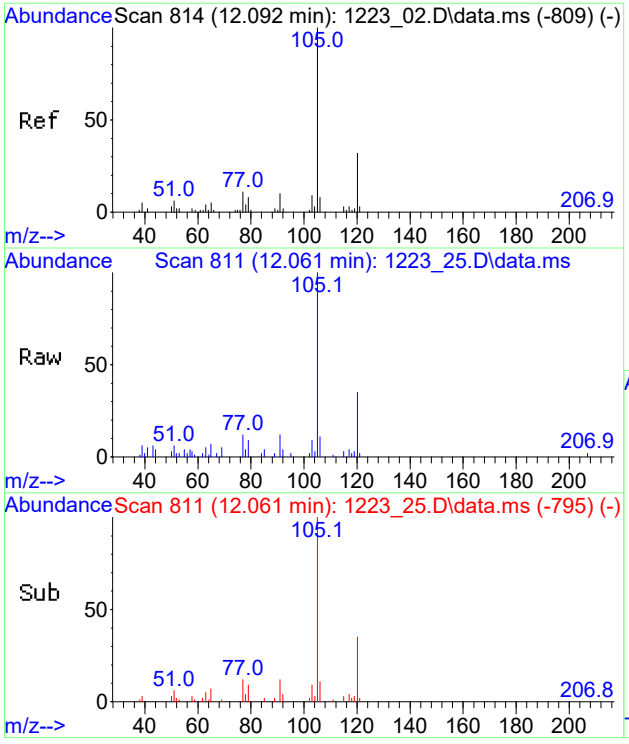


#61
o-Xylene
Conc: 8$ 0.338 ppbv
RT: 11.395 min Scan# 748
Delta R.T. -0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion: 91 Resp: 19433

Ion	Ratio	Lower	Upper
91	100		
106	47.9	37.5	56.3
105	20.7	16.1	24.1

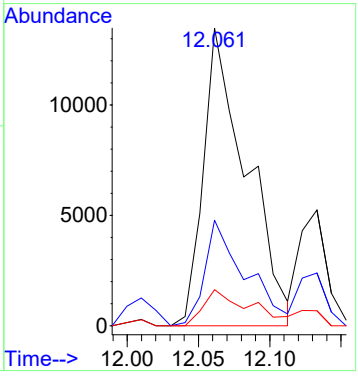


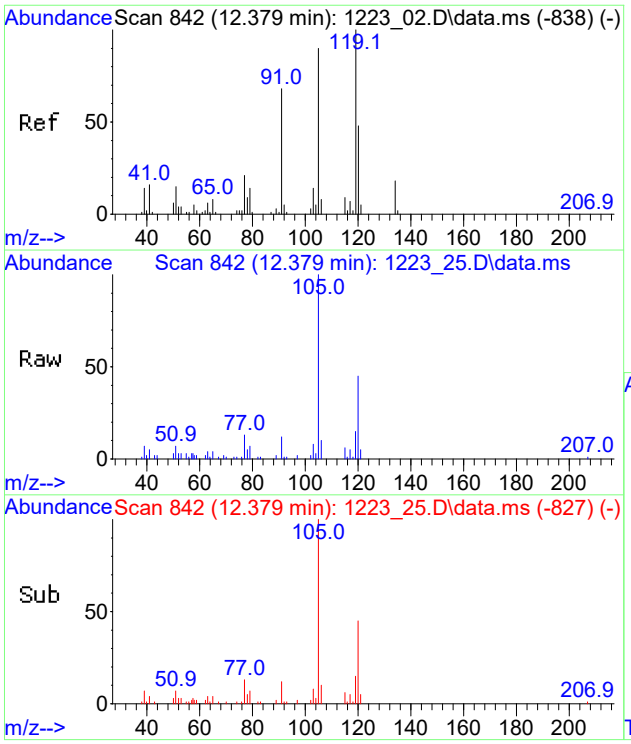


#66
4-Ethyltoluene
Conc: 8$ 0.348 ppbv
RT: 12.061 min Scan# 811
Delta R.T. -0.031 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion:105 Resp: 28401

Ion	Ratio	Lower	Upper
105	100		
120	33.5	25.2	37.8
77	13.2	10.9	16.3

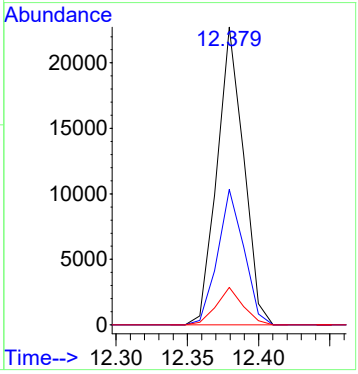


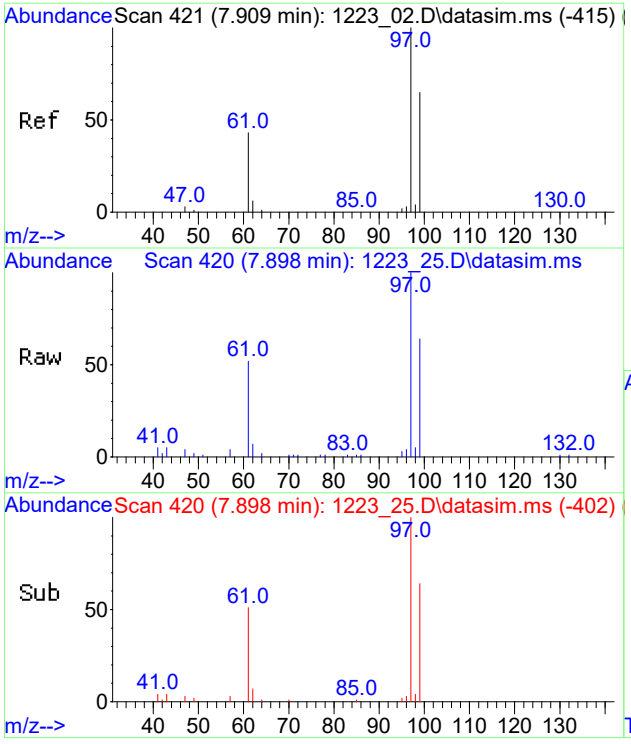


#68
1,2,4-Trimethylbenzene
Conc: 8$ 0.436 ppbv
RT: 12.379 min Scan# 842
Delta R.T. 0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion:105 Resp: 29482

Ion	Ratio	Lower	Upper
105	100		
120	45.2	46.2	69.4#
77	12.7	21.8	32.6#

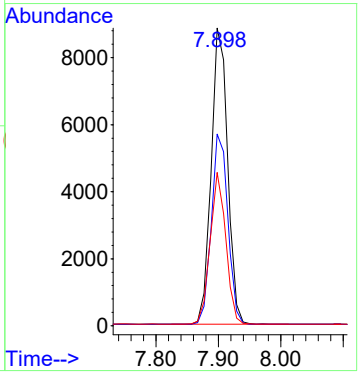


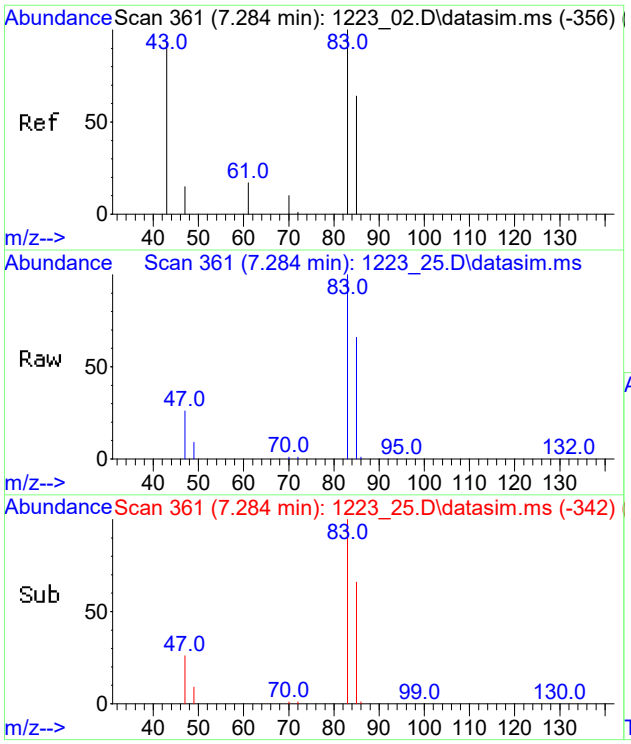


#86
1,1,1-Trichloroethane(sim)
Conc: 8$ 0.357 ppbv
RT: 7.898 min Scan# 420
Delta R.T. -0.011 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion: 97 Resp: 16160

Ion	Ratio	Lower	Upper
97	100		
99	64.7	66.1	66.1#
61	48.8	36.9	55.3

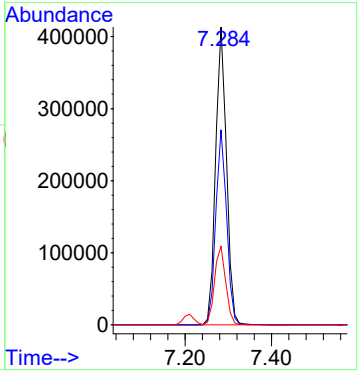


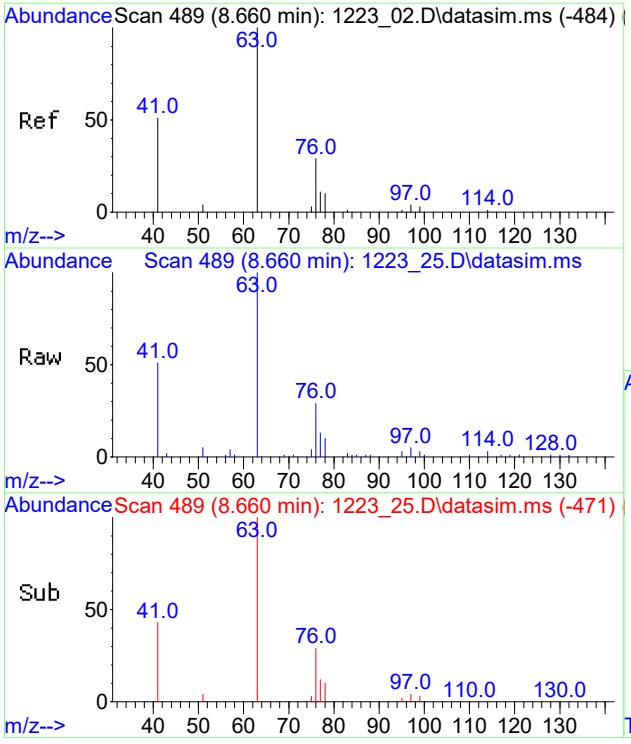


#94
Chloroform(sim)
Conc: 8$ 17.335 ppbv
RT: 7.284 min Scan# 361
Delta R.T. -0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion: 83 Resp: 717830

Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.3	75.5
47	27.2	24.1	36.1

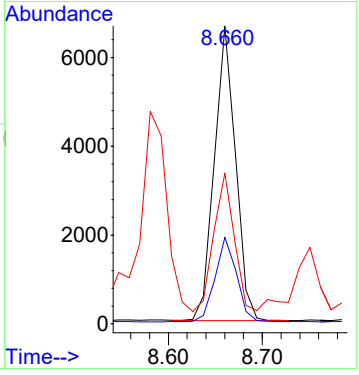


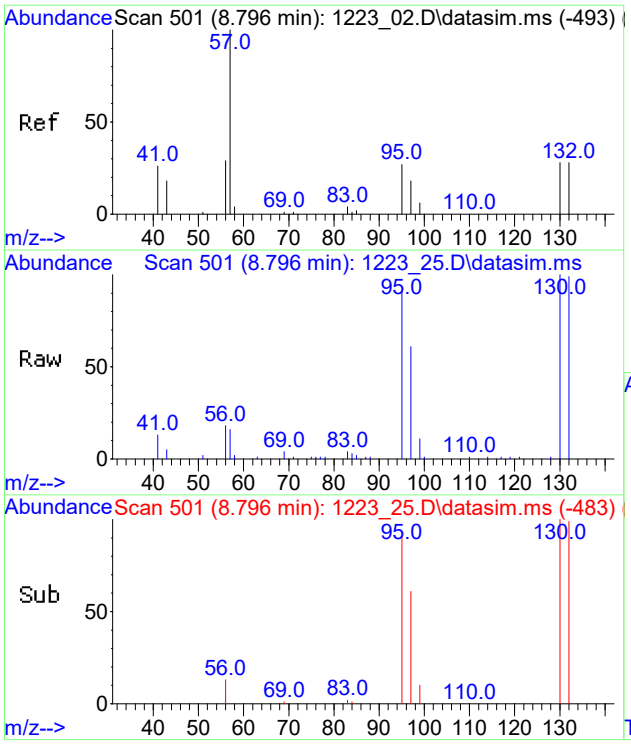


#96
1,2-dichloropropane(sim)
Conc: 8$ 0.412 ppbv
RT: 8.660 min Scan# 489
Delta R.T. 0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion: 63 Resp: 10423

Ion	Ratio	Lower	Upper
63	100		
76	29.1	29.8	44.6#
41	47.7	53.4	80.0#

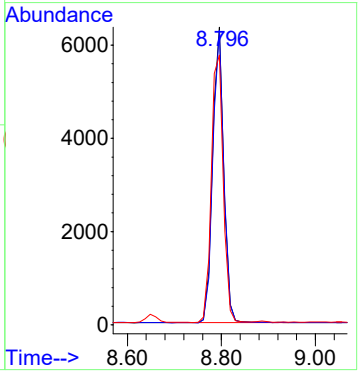


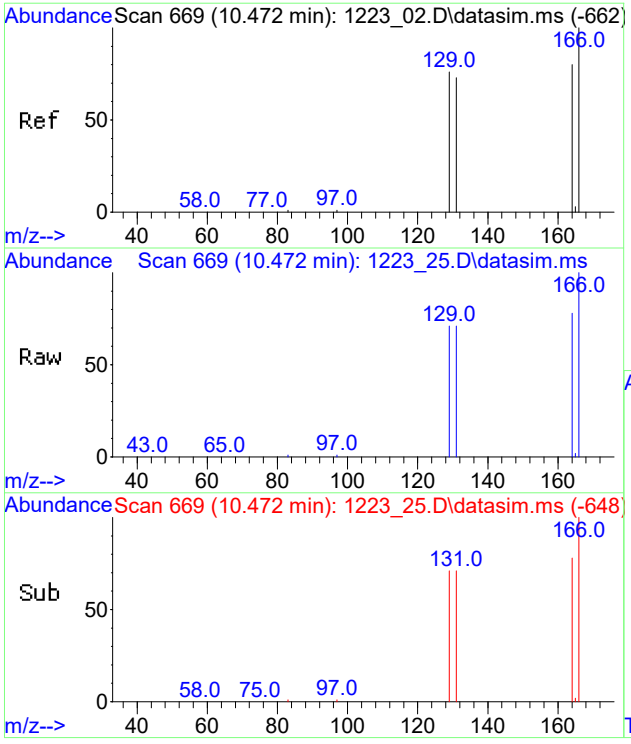


#98
Trichloroethene(sim)
Conc: 8$ 0.339 ppbv
RT: 8.796 min Scan# 501
Delta R.T. -0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion:130 Resp: 10360

Ion	Ratio	Lower	Upper
130	100		
132	98.1	80.7	121.1
95	97.3	76.2	114.2

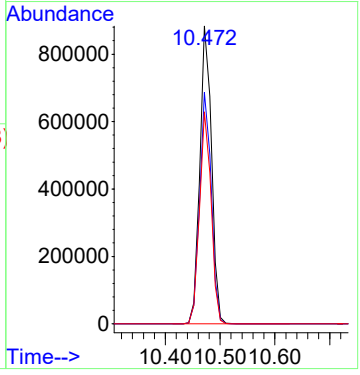


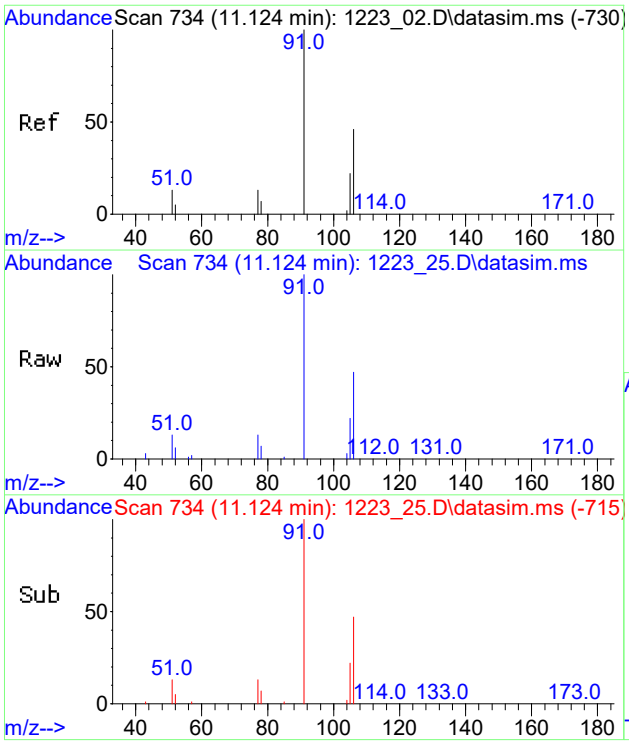


#104
Tetrachloroethene(sim)
Conc: 8$ 33.129 ppbv
RT: 10.472 min Scan# 669
Delta R.T. -0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion:166 Resp: 1306203

Ion	Ratio	Lower	Upper
166	100		
164	77.4	58.0	98.0
129	70.8	48.3	88.3

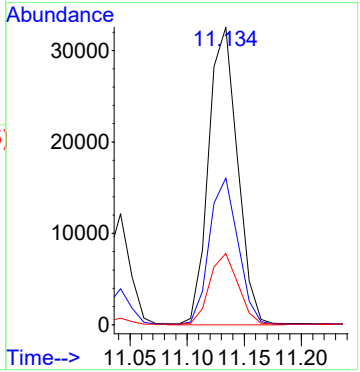




#107
m,p-Xylene(sim)
Conc: 8$ 0.801 ppbv
RT: 11.128 min Scan# 734
Delta R.T. 0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion: 91 Resp: 51469

Ion	Ratio	Lower	Upper
91	100		
106	48.5	43.2	52.8
105	23.5	19.0	28.6



Response Factor Report CHEM20

Method Path : H:\AIR2024\CHEM20\Methods\
Method File : 20_AIR_1213.M
Title : VOA Standards for 5 point calibration
Last Update : Sun Dec 15 10:19:25 2024
Response Via : Initial Calibration

Calibration Files (Note: Curves (l,lf,q,qf) display calculated conc and corr. coefficient.)
.035=1213_06.D 0.05=1213_07.D 0.10=1213_08.D 0.2 =1213_09.D 0.5 =1213_10.D 1.0 =1213_15.D 2.5 =1213_11.D
10 =1213_16.D 25 =1213_13.D 40 =1213_14.D 0.02=1213_05.D 0.01=1213_04.D

	Compound	.035	0.05	0.10	0.2	0.5	1.0	2.5	5.0	10	25	40	0.02	0.01	Avg
1)	Int Bromochloromethane	----------ISTD----------													
2)	Propylene				1.577	1.098	0.896	0.842	0.926	0.880	0.873	0.850			0.993
3)	Dichlorodifluo...				2.693	2.628	2.547	2.491	2.892	2.781	2.664	2.514			2.651
4)	Chloromethane				1.154	1.012	0.943	0.919	1.036	0.991	0.943	0.902			0.987
5)	1,2-Dichlorote...				2.659	2.583	2.480	2.522	2.829	2.654	2.491	2.356			2.572
6)	Vinyl Chloride				1.143	1.059	1.075	1.012	1.141	1.070	1.026	0.977			1.063
7)	1,3-Butadiene				0.920	0.931	0.858	0.826	0.930	0.863	0.821	0.773			0.865
8)	Bromomethane				1.105	1.054	1.010	0.967	1.081	1.007	0.967	0.940			1.017
9)	Chloroethane				0.531	0.560	0.498	0.466	0.519	0.496	0.475	0.455			0.500
11)	Ethanol				0.740	0.549	0.483	0.445	0.448	0.429	0.411	0.395			0.488
12)	Acetone				2.203	1.838	1.640	1.607	1.787	1.690	1.593	1.544			1.738
13)	Trichlorofluor...				2.819	2.775	2.654	2.647	2.950	2.790	2.660	2.537			2.729
14)	Isopropylalcohol				2.670	2.370	2.160	2.147	2.429	2.225	2.091	1.939			2.254
15)	Acrylonitrile				1.175	0.966	0.915	0.867	0.934	0.884	0.791	0.765			0.912
16)	1,1-Dichloroet...				1.868	1.838	1.791	1.741	1.938	1.842	1.730	1.667			1.802
17)	Methylene Chlo...				1.648	1.420	1.311	1.276	1.377	1.294	1.208	1.144			1.335
20)	Carbon Disulfide				3.006	2.809	2.814	2.644	2.864	2.702	2.538	2.413			2.724
21)	Trichlorotrifl...				2.288	2.228	2.118	2.075	2.291	2.120	1.951	1.866			2.117
22)	Trans-1,2-Dich...				1.836	1.687	1.662	1.633	1.828	1.719	1.657	1.616			1.705
23)	1,1-Dichloroet...				2.078	1.993	1.948	1.893	2.108	2.008	1.920	1.854			1.975
24)	Methyl tert-bu...				2.957	2.739	3.008	2.799	2.805	2.890	2.499	2.386			2.760
25)	Methyl Ethyl K...				2.620	2.485	2.339	2.178	2.458	2.296	2.328	2.255			2.370
26)	Cis-1,2-Dichlo...				1.672	1.597	1.592	1.530	1.699	1.626	1.566	1.527			1.601
27)	Hexane				1.820	1.758	1.694	1.643	1.882	1.756	1.682	1.622			1.732
28)	Chloroform				2.270	2.108	2.140	2.039	2.251	2.139	2.050	1.981			2.122
29)	Ethyl acetate				0.337	0.365	0.369	0.344	0.395	0.386	0.363	0.346			0.363
30)	Tetrahydrofuran				1.299	1.202	1.166	1.089	1.220	1.163	1.116	1.083			1.167
31)	1,2-Dichloroet...				1.632	1.578	1.555	1.558	1.726	1.636	1.594	1.539			1.602
32)	1,1,1-Trichlor...				2.306	2.282	2.231	2.194	2.458	2.337	2.259	2.179			2.281
33)	Benzene			3.571	3.166	3.092	3.043	2.944	3.306	3.153	3.034	2.933			3.138
34)	Carbon Tetrach...				2.476	2.415	2.428	2.321	2.624	2.508	2.423	2.351			2.443
35)	Cyclohexane				1.312	1.242	1.173	1.139	1.241	1.188	1.141	1.102			1.192
36)	Int 1,4-Difluorobenzene	----------ISTD----------													
37)	1,2-dichloropr...				0.390	0.357	0.361	0.354	0.400	0.386	0.382	0.380			0.376
38)	Bromodichlorom...				0.642	0.644	0.631	0.621	0.706	0.676	0.670	0.655			0.655
39)	Trichloroethene				0.450	0.419	0.412	0.388	0.436	0.417	0.401	0.383			0.413
40)	2,2,4-trimethy...				1.535	1.518	1.492	1.431	1.567	1.480	1.413	1.327			1.470
41)	1,4-Dioxane				0.152	0.161	0.191	0.179	0.193	0.183	0.174	0.169			0.175
43)	Heptane				0.762	0.688	0.659	0.630	0.616	0.580	0.547	0.528			0.626

Method Path : H:\AIR2024\CHEM20\Methods\
Method File : 20_AIR_1213.M
Title : VOA Standards for 5 point calibration

44)	cis-1,3-Dichlo...			0.505	0.504	0.519	0.520	0.581	0.561	0.558	0.561			0.539
45)	4-Methyl-2-pen...			0.843	0.789	0.784	0.757	0.829	0.776	0.747	0.718			0.780
46)	trans-1,3-Dich...			0.415	0.420	0.426	0.420	0.468	0.463	0.467	0.462			0.443
47)	1,1,2-Trichlor...			0.368	0.369	0.358	0.355	0.390	0.383	0.374	0.367			0.371
48)	Toluene			1.137	1.075	1.073	1.028	1.150	1.096	1.066	1.038			1.083
49)	Dibromochlorom...			0.698	0.690	0.705	0.688	0.784	0.763	0.748	0.735			0.726
50)	2-Hexanone(MBK)			0.834	0.775	0.793	0.751	0.801	0.752	0.731	0.706			0.768
51)	1,2-Dibromoeth...			0.607	0.607	0.633	0.606	0.671	0.647	0.637	0.623			0.629
52)	Tetrachloroethene			0.562	0.557	0.579	0.539	0.612	0.589	0.571	0.553			0.570
53)	Int Chlorobenzene-d5	----------ISTD----------												
54)	1,1,1,2-Tetrac...			0.880	0.912	0.914	0.879	0.966	0.903	0.814	0.737			0.876
55)	Chlorobenzene			1.585	1.560	1.626	1.527	1.673	1.538	1.361	1.224			1.512
56)	Ethylbenzene		2.852	2.759	2.694	2.683	2.549	2.768	2.532	2.234	2.007			2.564
57)	m,p-Xylene		2.265	2.155	2.133	1.705	1.963	2.138	1.944	1.662	1.466			1.937
58)	Bromoform			1.232	1.298	1.360	1.305	1.481	1.393	1.250	1.129			1.306
59)	Styrene			1.548	1.512	1.604	1.487	1.631	1.483	1.317	1.201			1.473
60)	1,1,2,2-Tetrac...			1.586	1.564	1.574	1.479	1.615	1.455	1.263	1.122			1.457
61)	o-Xylene		2.390	2.263	2.230	2.200	2.017	2.159	1.940	1.693	1.492			2.043
62)	Surr% Bromofluorob...			1.379	1.386	1.367	1.345	1.346	1.302	1.225	1.157			1.313
64)	Isopropylbenzene			3.031	2.954	2.993	2.749	2.992	3.134	2.796	2.465			2.889
66)	4-Ethyltoluene			3.280	3.161	3.121	2.919	3.189	2.860	2.465	2.216			2.901
67)	1,3,5-Trimethy...			2.580	2.479	2.442	2.243	2.426	2.211	1.913	1.711			2.251
68)	1,2,4-Trimethy...			2.664	2.634	2.632	2.412	2.659	2.385	2.064	1.792			2.405
70)	Benzyl chloride			1.742	1.753	1.923	1.827	2.129	2.035	1.849	1.691			1.869
71)	1,3-Dichlorobe...			1.780	1.708	1.840	1.608	1.806	1.605	1.383	1.393			1.640
72)	1,4-Dichlorobe...			1.645	1.690	1.795	1.561	1.734	1.568	1.375	1.058			1.553
73)	sec-Butylbenzene			3.999	3.788	3.816	3.443	3.637	3.236	2.757	2.376			3.382
74)	4-Isopropyltol...			3.812	3.635	3.668	3.309	3.509	3.168	2.745	2.378			3.278
75)	1,2-Dichlorobe...			1.600	1.671	1.701	1.496	1.692	1.544	1.375	1.239			1.540
76)	n-Butylbenzene			3.117	2.987	3.211	2.893	3.071	2.831	2.473	2.175			2.845
77)	1,2,4-Trichlor...			1.158	1.161	1.717	1.075	1.423	1.395	1.321	1.236			1.311
78)	Naphthalene			2.706	2.565	3.741	2.293	2.965	2.827	2.577	2.358			2.754
79)	Hexachlorobuta...			1.691	1.665	1.687	1.342	1.581	1.454	1.286	1.138			1.480
80)	int Bromochloromethane...	----------ISTD----------												
81)	1,2-Dichlorote...	2.736	2.664	2.694	2.491	2.416	2.324	2.367	2.615			2.577	2.874	2.576
82)	Vinyl Chloride...	1.108	1.042	1.137	1.101	1.073	1.039	1.046	1.143			1.082	1.206	1.098
83)	Bromomethane(sim)	0.984	1.058	1.117	1.035	0.985	0.947	0.909	1.003			1.042	1.161	1.024
84)	Trichlorofluor...	2.595	2.598	2.835	2.772	2.728	2.679	2.630	2.882			2.595	2.742	2.706
85)	1,2-Dichloroet...	1.658	1.548	1.491	1.529	1.476	1.457	1.465	1.602			1.637	1.893	1.576
86)	1,1,1-Trichlor...	2.192	2.268	2.445	2.401	2.340	2.294	2.246	2.477			2.229	2.589	2.348
87)	Benzene(sim)	3.922	3.683	3.340	2.965	2.892	2.852	2.767				4.301		3.340
88)	Carbon Tetrach...	2.227	2.345	2.552	2.474	2.394	2.388	2.332				2.400	2.521	2.404
89)	1,1-Dichloroet...	1.705	1.778	1.858	1.749	1.719	1.679	1.637	1.797			1.690	1.884	1.750
90)	Trichlorotrifl...	2.084	2.108	2.292	2.216	2.156	2.112	2.052	2.218			2.124	2.291	2.165
91)	Trans-1,2-Dich...	2.217	2.022	1.759	1.720	1.578	1.557	1.535	1.696			2.487		1.841
92)	1,1-Dichloroet...	2.003	1.985	2.193	2.122	2.066	2.035	1.981	2.169			2.023	2.255	2.083
93)	Cis-1,2-Dichlo...	1.713	1.618	1.581	1.566	1.493	1.492	1.438				1.670	1.703	1.586
94)	Chloroform(sim)	2.040	2.080	2.276	2.195	2.142	2.101	2.055	2.242			2.106	2.268	2.151

Method Path : H:\AIR2024\CHEM20\Methods\
Method File : 20_AIR_1213.M
Title : VOA Standards for 5 point calibration

95)	int	1,4-Difluorobenzen...	----------ISTD----------											
96)		1,2-dichloropr...	0.399	0.410	0.425	0.412	0.403	0.403	0.395	0.444		0.419	0.434	0.414
97)		Bromodichlorom...	0.677	0.714	0.687	0.642	0.644	0.631	0.621	0.706		0.695	0.799	0.681
98)		Trichloroethen...	0.549	0.529	0.503	0.466	0.449	0.442	0.422	0.466		0.675		0.500
99)		1,4-Dioxane(sim)			0.182	0.152	0.161	0.191	0.179	0.193				0.176
100)		cis-1,3-Dichlo...	0.530	0.537	0.578	0.568	0.561	0.569	0.555			0.540	0.625	0.562
101)		1,1,2-Trichlor...	0.405	0.404	0.392	0.368	0.369	0.358	0.355	0.390		0.403	0.477	0.392
102)		Dibromochlorom...	0.676	0.684	0.740	0.727	0.733	0.749	0.736			0.661	0.691	0.711
103)		1,2-Dibromoeth...	0.701	0.672	0.623	0.607	0.607	0.633	0.606	0.671		0.661	0.753	0.653
104)		Tetrachloroeth...	0.630	0.634	0.669	0.646	0.632	0.626	0.601	0.671	0.639	0.635	0.716	0.645
105)	int	Chlorobenzene-d5(sim)	----------ISTD----------											
106)		Bromoform(sim)	1.223	1.269	1.376	1.364	1.408	1.478	1.421			1.197	1.297	1.337
107)		m,p-Xylene(sim)	2.309	2.168	2.265	2.155	2.133	2.131	1.970	2.143		2.396	3.192	2.286
108)		1,1,2,2-Tetrac...	1.620	1.619	1.755	1.683	1.664	1.660	1.543	1.683		1.716	2.107	1.705
111)		Benzyl chlorid...	2.047	1.978	1.903	1.742	1.753	1.923	1.827					1.882
112)		1,3-Dichlorobe...	2.109	2.044	2.120	2.011	1.999	2.100	1.853			2.332	3.206	2.197
113)		1,4-Dichlorobe...	2.054	1.969	1.771	1.645	1.690	1.795	1.561					1.784
114)		sec-Butylbenze...	4.188	4.150	4.478	4.265	4.142	4.166	3.786	3.975		4.447	5.630	4.323
115)		4-Isopropyltol...	3.795	3.747	3.917	3.812	3.635	3.668	3.309					3.698
116)		1,2-Dichlorobe...	1.989	1.917	2.009	1.884	1.836	1.951	1.690	1.902		2.239		1.935
117)		n-Butylbenzene...	3.288	3.234	3.236	3.117	2.987	3.211	2.893			4.007		3.247
118)	qfi	1,2,4-Trichlor...	0.048	0.062	0.110	0.194	0.431	1.025				0.038		Coef R2
119)	qfi	Hexachlorobuta...	0.036	0.051	0.100	0.186	0.473	1.024	2.496			0.027	0.023	Coef R2

(#,$,@)=Out of Range l=linear lf=linear(0,0) q=Quadratic qf=Quadratic(0,0)

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client:

Lab Code: Phoenix SDG No.:

Instrument ID: CHEM20 Calibration Date From:

Heated Purge (Y/N): Y Calibration Date Thru:

GC Column: Method File:

Laboratory File Ids

RRF1 1213_04.D RRF2 1213_05.D RRF3 1213_06.D RRF4 1213_07.D RRF5 1213_08.D RRF
RRF7 1213_10.D RRF8 1213_15.D RRF9 1213_11.D RRF10 1213_12.D RRF11 1213_16.D RRF1
RRF13 1213_14.D

COMPOUND	RRF1 0.01	RRF2 0.02	RRF3 0.035	RRF4 0.05	RRF5 0.1	RRF6 0.2	RRF7 0.5	RRF8 1	RRF9 2.5	RRF10 5	RRF11 10	RRF12 25
Propylene						1.577	1.098	0.896	0.842	0.926	0.880	0.873
Dichlorodifluoromethane						2.693	2.628	2.547	2.491	2.892	2.781	2.664
Chloromethane						1.154	1.012	0.943	0.919	1.036	0.991	0.943
1,2-Dichlorotetrafluoroethane						2.659	2.583	2.480	2.522	2.829	2.654	2.491
Vinyl Chloride						1.143	1.059	1.075	1.012	1.141	1.070	1.026
1,3-Butadiene						0.920	0.931	0.858	0.826	0.930	0.863	0.821
Bromomethane						1.105	1.054	1.010	0.967	1.081	1.007	0.967
Chloroethane						0.531	0.560	0.498	0.466	0.519	0.496	0.475
Ethanol						0.740	0.549	0.483	0.445	0.448	0.429	0.411
Acetone						2.203	1.838	1.640	1.607	1.787	1.690	1.593
Trichlorofluoromethane						2.819	2.775	2.654	2.647	2.950	2.790	2.660
Isopropylalcohol						2.670	2.370	2.160	2.147	2.429	2.225	2.091
Acrylonitrile						1.175	0.966	0.915	0.867	0.934	0.884	0.791
1,1-Dichloroethene						1.868	1.838	1.791	1.741	1.938	1.842	1.730
Methylene Chloride						1.648	1.420	1.311	1.276	1.377	1.294	1.208
Carbon Disulfide						3.006	2.809	2.814	2.644	2.864	2.702	2.538
Trichlorotrifluoroethane						2.288	2.228	2.118	2.075	2.291	2.120	1.951
Trans-1,2-Dichloroethene						1.836	1.687	1.662	1.633	1.828	1.719	1.657
1,1-Dichloroethane						2.078	1.993	1.948	1.893	2.108	2.008	1.920
Methyl tert-butyl ether(MTBE)						2.957	2.739	3.008	2.799	2.805	2.890	2.499
Methyl Ethyl Ketone						2.620	2.485	2.339	2.178	2.458	2.296	2.328
Cis-1,2-Dichloroethene						1.672	1.597	1.592	1.530	1.699	1.626	1.566
Hexane						1.820	1.758	1.694	1.643	1.882	1.756	1.682
Chloroform						2.270	2.108	2.140	2.039	2.251	2.139	2.050

(#) The maximum %RSD was not met for this compound Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, lfi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client:

Lab Code: Phoenix SDG No.:

Instrument ID: CHEM20 Calibration Date From:

Heated Purge (Y/N): Y Calibration Date Thru:

GC Column: Method File:

Laboratory File Ids

RRF1	1213_04.D	RRF2	1213_05.D	RRF3	1213_06.D	RRF4	1213_07.D	RRF5	1213_08.D	RRF		
RRF7	1213_10.D	RRF8	1213_15.D	RRF9	1213_11.D	RRF10	1213_12.D	RRF11	1213_16.D	RRF1		
RRF13	1213_14.D											

COMPOUND	RRF1 0.01	RRF2 0.02	RRF3 0.035	RRF4 0.05	RRF5 0.1	RRF6 0.2	RRF7 0.5	RRF8 1	RRF9 2.5	RRF10 5	RRF11 10	RRF12 25
Ethyl acetate						0.337	0.365	0.369	0.344	0.395	0.386	0.363
Tetrahydrofuran						1.299	1.202	1.166	1.089	1.220	1.163	1.116
1,2-Dichloroethane						1.632	1.578	1.555	1.558	1.726	1.636	1.594
1,1,1-Trichloroethane						2.306	2.282	2.231	2.194	2.458	2.337	2.259
Benzene					3.571	3.166	3.092	3.043	2.944	3.306	3.153	3.034
Carbon Tetrachloride						2.476	2.415	2.428	2.321	2.624	2.508	2.423
Cyclohexane						1.312	1.242	1.173	1.139	1.241	1.188	1.141
1,2-dichloropropane						0.390	0.357	0.361	0.354	0.400	0.386	0.382
Bromodichloromethane						0.642	0.644	0.631	0.621	0.706	0.676	0.670
Trichloroethene						0.450	0.419	0.412	0.388	0.436	0.417	0.401
2,2,4-trimethylpentane						1.535	1.518	1.492	1.431	1.567	1.480	1.413
1,4-Dioxane						0.152	0.161	0.191	0.179	0.193	0.183	0.174
Heptane						0.762	0.688	0.659	0.630	0.616	0.580	0.547
cis-1,3-Dichloropropene						0.505	0.504	0.519	0.520	0.581	0.561	0.558
4-Methyl-2-pentanone(MIBK)						0.843	0.789	0.784	0.757	0.829	0.776	0.747
trans-1,3-Dichloropropene						0.415	0.420	0.426	0.420	0.468	0.463	0.467
1,1,2-Trichloroethane						0.368	0.369	0.358	0.355	0.390	0.383	0.374
Toluene						1.137	1.075	1.073	1.028	1.150	1.096	1.066
Dibromochloromethane						0.698	0.690	0.705	0.688	0.784	0.763	0.748
2-Hexanone(MBK)						0.834	0.775	0.793	0.751	0.801	0.752	0.731
1,2-Dibromoethane(EDB)						0.607	0.607	0.633	0.606	0.671	0.647	0.637
Tetrachloroethene						0.562	0.557	0.579	0.539	0.612	0.589	0.571
1,1,1,2-Tetrachloroethane						0.880	0.912	0.914	0.879	0.966	0.903	0.814
Chlorobenzene						1.585	1.560	1.626	1.527	1.673	1.538	1.361

(#) The maximum %RSD was not met for this compound Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, lfi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client:

Lab Code: Phoenix SDG No.:

Instrument ID: CHEM20 Calibration Date From:

Heated Purge (Y/N): Y Calibration Date Thru:

GC Column: Method File:

Laboratory File Ids

RRF1 1213_04.D RRF2 1213_05.D RRF3 1213_06.D RRF4 1213_07.D RRF5 1213_08.D RRF
RRF7 1213_10.D RRF8 1213_15.D RRF9 1213_11.D RRF10 1213_12.D RRF11 1213_16.D RRF1
RRF13 1213_14.D

COMPOUND	RRF1 0.01	RRF2 0.02	RRF3 0.035	RRF4 0.05	RRF5 0.1	RRF6 0.2	RRF7 0.5	RRF8 1	RRF9 2.5	RRF10 5	RRF11 10	RRF12 25
Ethylbenzene					2.852	2.759	2.694	2.683	2.549	2.768	2.532	2.234
m,p-Xylene					2.265	2.155	2.133	1.705	1.963	2.138	1.944	1.662
Bromoform						1.232	1.298	1.360	1.305	1.481	1.393	1.250
Styrene						1.548	1.512	1.604	1.487	1.631	1.483	1.317
1,1,2,2-Tetrachloroethane						1.586	1.564	1.574	1.479	1.615	1.455	1.263
o-Xylene					2.390	2.263	2.230	2.200	2.017	2.159	1.940	1.693
Isopropylbenzene						3.031	2.954	2.993	2.749	2.992	3.134	2.796
4-Ethyltoluene						3.280	3.161	3.121	2.919	3.189	2.860	2.465
1,3,5-Trimethylbenzene						2.580	2.479	2.442	2.243	2.426	2.211	1.913
1,2,4-Trimethylbenzene						2.664	2.634	2.632	2.412	2.659	2.385	2.064
Benzyl chloride						1.742	1.753	1.923	1.827	2.129	2.035	1.849
1,3-Dichlorobenzene						1.780	1.708	1.840	1.608	1.806	1.605	1.383
1,4-Dichlorobenzene						1.645	1.690	1.795	1.561	1.734	1.568	1.375
sec-Butylbenzene						3.999	3.788	3.816	3.443	3.637	3.236	2.757
4-Isopropyltoluene						3.812	3.635	3.668	3.309	3.509	3.168	2.745
1,2-Dichlorobenzene						1.600	1.671	1.701	1.496	1.692	1.544	1.375
n-Butylbenzene						3.117	2.987	3.211	2.893	3.071	2.831	2.473
1,2,4-Trichlorobenzene						1.158	1.161	1.717	1.075	1.423	1.395	1.321
Naphthalene						2.706	2.565	3.741	2.293	2.965	2.827	2.577
Hexachlorobutadiene						1.691	1.665	1.687	1.342	1.581	1.454	1.286
1,2-Dichlorotetrafluoroethane(sim)	2.874	2.577	2.736	2.664	2.694	2.491	2.416	2.324	2.367	2.615		
Vinyl Chloride(sim)	1.206	1.082	1.108	1.042	1.137	1.101	1.073	1.039	1.046	1.143		
Bromomethane(sim)	1.161	1.042	0.984	1.058	1.117	1.035	0.985	0.947	0.909	1.003		
Trichlorofluoromethane(sim)	2.742	2.595	2.595	2.598	2.835	2.772	2.728	2.679	2.630	2.882		

(#) The maximum %RSD was not met for this compound Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, lfi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client:

Lab Code: Phoenix SDG No.:

Instrument ID: CHEM20 Calibration Date From:

Heated Purge (Y/N): Y Calibration Date Thru:

GC Column: Method File:

Laboratory File Ids

RRF1	1213_04.D	RRF2	1213_05.D	RRF3	1213_06.D	RRF4	1213_07.D	RRF5	1213_08.D	RRF		
RRF7	1213_10.D	RRF8	1213_15.D	RRF9	1213_11.D	RRF10	1213_12.D	RRF11	1213_16.D	RRF1		
RRF13	1213_14.D											

COMPOUND	RRF1 0.01	RRF2 0.02	RRF3 0.035	RRF4 0.05	RRF5 0.1	RRF6 0.2	RRF7 0.5	RRF8 1	RRF9 2.5	RRF10 5	RRF11 10	RRF12 25
1,2-Dichloroethane(sim)	1.893	1.637	1.658	1.548	1.491	1.529	1.476	1.457	1.465	1.602		
1,1,1-Trichloroethane(sim)	2.589	2.229	2.192	2.268	2.445	2.401	2.340	2.294	2.246	2.477		
Benzene(sim)		4.301	3.922	3.683	3.340	2.965	2.892	2.852	2.767			
Carbon Tetrachloride(sim)	2.521	2.400	2.227	2.345	2.552	2.474	2.394	2.388	2.332			
1,1-Dichloroethene(sim)	1.884	1.690	1.705	1.778	1.858	1.749	1.719	1.679	1.637	1.797		
Trichlorotrifluoroethane(sim)	2.291	2.124	2.084	2.108	2.292	2.216	2.156	2.112	2.052	2.218		
Trans-1,2-Dichloroethene(sim)		2.487	2.217	2.022	1.759	1.720	1.578	1.557	1.535	1.696		
1,1-Dichloroethane(sim)	2.255	2.023	2.003	1.985	2.193	2.122	2.066	2.035	1.981	2.169		
Cis-1,2-Dichloroethene(sim)	1.703	1.670	1.713	1.618	1.581	1.566	1.493	1.492	1.438			
Chloroform(sim)	2.268	2.106	2.040	2.080	2.276	2.195	2.142	2.101	2.055	2.242		
1,2-dichloropropane(sim)	0.434	0.419	0.399	0.410	0.425	0.412	0.403	0.403	0.395	0.444		
Bromodichloromethane(sim)	0.799	0.695	0.677	0.714	0.687	0.642	0.644	0.631	0.621	0.706		
Trichloroethene(sim)		0.675	0.549	0.529	0.503	0.466	0.449	0.442	0.422	0.466		
1,4-Dioxane(sim)					0.182	0.152	0.161	0.191	0.179	0.193		
cis-1,3-Dichloropropene(sim)	0.625	0.540	0.530	0.537	0.578	0.568	0.561	0.569	0.555			
1,1,2-Trichloroethane(sim)	0.477	0.403	0.405	0.404	0.392	0.368	0.369	0.358	0.355	0.390		
Dibromochloromethane(sim)	0.691	0.661	0.676	0.684	0.740	0.727	0.733	0.749	0.736			
1,2-Dibromoethane(EDB)(sim)	0.753	0.661	0.701	0.672	0.623	0.607	0.607	0.633	0.606	0.671		
Tetrachloroethene(sim)	0.716	0.635	0.630	0.634	0.669	0.646	0.632	0.626	0.601	0.671	0.639	
Bromoform(sim)	1.297	1.197	1.223	1.269	1.376	1.364	1.408	1.478	1.421			
m,p-Xylene(sim)	3.192	2.396	2.309	2.168	2.265	2.155	2.133	2.131	1.970	2.143		
1,1,2,2-Tetrachloroethane(sim)	2.107	1.716	1.620	1.619	1.755	1.683	1.664	1.660	1.543	1.683		
Benzyl chloride(sim)			2.047	1.978	1.903	1.742	1.753	1.923	1.827			
1,3-Dichlorobenzene(sim)	3.206	2.332	2.109	2.044	2.120	2.011	1.999	2.100	1.853			

(#) The maximum %RSD was not met for this compound Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, lfi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

6B
AIR INITIAL CALIBRATION DATA

Lab Name: Phoenix Environmental Labs Client:

Lab Code: Phoenix SDG No.:

Instrument ID: CHEM20 Calibration Date From:

Heated Purge (Y/N): Y Calibration Date Thru:

GC Column: Method File:

Laboratory File Ids

RRF1	1213_04.D	RRF2	1213_05.D	RRF3	1213_06.D	RRF4	1213_07.D	RRF5	1213_08.D	RRF		
RRF7	1213_10.D	RRF8	1213_15.D	RRF9	1213_11.D	RRF10	1213_12.D	RRF11	1213_16.D	RRF1		
RRF13	1213_14.D											

COMPOUND		RRF1 0.01	RRF2 0.02	RRF3 0.035	RRF4 0.05	RRF5 0.1	RRF6 0.2	RRF7 0.5	RRF8 1	RRF9 2.5	RRF10 5	RRF11 10	RRF12 25
1,4-Dichlorobenzene(sim)				2.054	1.969	1.771	1.645	1.690	1.795	1.561			
sec-Butylbenzene(sim)		5.63	4.447	4.188	4.150	4.478	4.265	4.142	4.166	3.786	3.975		
4-Isopropyltoluene(sim)				3.795	3.747	3.917	3.812	3.635	3.668	3.309			
1,2-Dichlorobenzene(sim)			2.239	1.989	1.917	2.009	1.884	1.836	1.951	1.690	1.902		
n-Butylbenzene(sim)			4.007	3.288	3.234	3.236	3.117	2.987	3.211	2.893			
1,2,4-Trichlorobenzene(sir	li		0.028	0.036	0.047	0.088	0.163	0.398	1.145				
Hexachlorobutadiene(sim)	qfi	0.023	0.027	0.036	0.051	0.100	0.186	0.473	1.024	2.496			
% Bromofluorobenzene							1.379	1.386	1.367	1.345	1.346	1.302	1.225

(#) The maximum %RSD was not met for this compound Note: m,p-xylene TV is 2 times the TV Listed

(l) linear (q) quadratic (i) inverse conc weight (i2) inverse conc weight squared (f) force through zero

Compounds not using average response (l, li, lfi, li2, lfi2, q, qi, qfi, qi2, qfi2) display concentrations and not response factors

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_04.D
Acq On : 13 Dec 2024 2:25 pm
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01 ppb; TO1510D
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 15 10:12:27 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.205	130	207586	10.000	ng	0.00
36) 1,4-Difluorobenzene	8.360	114	761172	10.000	ng	0.00
53) Chlorobenzene-d5	10.821	82	390212	10.000	ng	0.00
80) Bromochloromethane(sim)	7.211	130	221332	10.000	ng	#-0.01
95) 1,4-Difluorobenzene(sim)	8.360	114	761178	10.000	ng	0.00
105) Chlorobenzene-d5(sim)	10.821	82	390212	10.000	ng	0.00
System Monitoring Compounds						
62) % Bromofluorobenzene	11.651	95	541325	9.898	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.00%		
Target Compounds						Qvalue
2) Propylene	3.890	41	2942	0.143	ppbv#	90
3) Dichlorodifluoromethane	3.954	85	520	0.009	ppbv#	39
4) Chloromethane	4.116	50	671	0.033	ppbv#	39
5) 1,2-Dichlorotetrafluor...	4.181	85	601	0.011	ppbv#	58
6) Vinyl Chloride	0.000	62	0	0.000	ppbv	0
7) 1,3-Butadiene	4.407	54	702	0.039	ppbv#	50
8) Bromomethane	4.623	94	285	0.014	ppbv#	1
9) Chloroethane	4.774	64	113	0.011	ppbv#	38
11) Ethanol	4.957	45	1261	0.125	ppbv#	66
12) Acetone	5.291	43	3999	0.111	ppbv	96
13) Trichlorofluoromethane	5.323	101	504	0.009	ppbv#	77
14) Isopropylalcohol	5.550	45	1839	0.039	ppbv#	1
15) Acrylonitrile	5.560	53	445	0.024	ppbv#	93
16) 1,1-Dichloroethene	5.761	61	348	0.009	ppbv#	1
17) Methylene Chloride	5.838	49	1519	0.055	ppbv#	85
20) Carbon Disulfide	6.063	76	777	0.014	ppbv#	92
21) Trichlorotrifluoroethane	6.019	101	481	0.011	ppbv#	70
22) Trans-1,2-Dichloroethene	6.447	61	716	0.020	ppbv#	48
23) 1,1-Dichloroethane	6.588	63	453	0.011	ppbv	69
24) Methyl tert-butyl ethe...	6.707	73	1512	0.026	ppbv#	69
25) Methyl Ethyl Ketone	6.913	43	2138	0.043	ppbv#	65
26) Cis-1,2-Dichloroethene	7.101	61	379	0.011	ppbv#	61
27) Hexane	7.215	57	539	0.015	ppbv#	1
28) Chloroform	7.278	83	492	0.011	ppbv#	71
29) Ethyl acetate	0.000	61	0	0.000	ppbv	0
30) Tetrahydrofuran	7.611	42	632	0.026	ppbv#	43
31) 1,2-Dichloroethane	7.736	62	314	0.009	ppbv#	41
32) 1,1,1-Trichloroethane	7.903	97	373	0.008	ppbv#	65
33) Benzene	8.190	78	1230	0.019	ppbv#	89
34) Carbon Tetrachloride	8.270	117	171	0.003	ppbv#	1
35) Cyclohexane	8.360	84	774	0.031	ppbv#	1
37) 1,2-dichloropropane	8.666	63	257	0.009	ppbv#	1
38) Bromodichloromethane	8.768	83	365	0.007	ppbv#	61
39) Trichloroethene	8.790	130	644	0.020	ppbv	93
40) 2,2,4-trimethylpentane	8.802	57	1393	0.012	ppbv#	87
41) 1,4-Dioxane	8.915	88	107	0.008	ppbv#	10
43) Heptane	8.926	43	1385	0.029	ppbv#	77
44) cis-1,3-Dichloropropene	9.272	75	447	0.011	ppbv#	45
45) 4-Methyl-2-pentanone(M...	9.369	43	1419	0.024	ppbv#	54
46) trans-1,3-Dichloropropene	9.563	75	348	0.010	ppbv#	46
47) 1,1,2-Trichloroethane	9.680	97	320	0.011	ppbv#	9
48) Toluene	9.835	91	1361	0.017	ppbv#	84

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_04.D
Acq On : 13 Dec 2024 2:25 pm
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01 ppb; TO1510D
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 15 10:12:27 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.087	129	611	0.011	ppbv#	78
50)	2-Hexanone(MBK)	10.019	43	1541	0.026	ppbv#	72
51)	1,2-Dibromoethane(EDB)	10.223	107	512	0.011	ppbv	90
52)	Tetrachloroethene	10.466	166	334	0.008	ppbv	88
54)	1,1,1,2-Tetrachloroethane	10.831	131	396	0.012	ppbv#	68
55)	Chlorobenzene	10.851	112	866	0.015	ppbv#	1
56)	Ethylbenzene	11.036	91	1673	0.017	ppbv	72
57)	m,p-Xylene	11.128	91	2277	0.030	ppbv	95
58)	Bromoform	11.210	173	272	0.005	ppbv#	61
59)	Styrene	11.333	104	760	0.013	ppbv	90
60)	1,1,2,2-Tetrachloroethane	11.395	83	729	0.013	ppbv#	83
61)	o-Xylene	11.395	91	1264	0.016	ppbv#	79
64)	Isopropylbenzene	11.723	105	1770	0.016	ppbv#	87
66)	4-Ethyltoluene	12.092	105	1986	0.018	ppbv#	82
67)	1,3,5-Trimethylbenzene	12.133	105	1441	0.016	ppbv#	88
68)	1,2,4-Trimethylbenzene	12.379	105	1605	0.017	ppbv	91
70)	Benzyl chloride	12.482	91	1119	0.015	ppbv#	79
71)	1,3-Dichlorobenzene	12.492	146	825	0.013	ppbv#	70
72)	1,4-Dichlorobenzene	12.533	146	1036	0.017	ppbv#	93
73)	sec-Butylbenzene	12.543	105	2054	0.016	ppbv#	92
74)	4-Isopropyltoluene	12.636	119	2418	0.019	ppbv#	85
75)	1,2-Dichlorobenzene	12.749	146	1006	0.017	ppbv#	79
76)	n-Butylbenzene	12.903	91	2045	0.018	ppbv	90
77)	1,2,4-Trichlorobenzene	13.908	180	1704	0.033	ppbv#	90
78)	Naphthalene	14.011	128	4090	0.038	ppbv#	98
79)	Hexachlorobutadiene	14.247	225	1473	0.025	ppbv	94
81]	1,2-Dichlorotetrafluor...	4.186	85	636m	0.011	ppbv	58
82]	Vinyl Chloride(sim)	4.294	62	267	0.011	ppbv#	19
83]	Bromomethane(sim)	4.628	94	257m	0.011	ppbv	1
84]	Trichlorofluoromethane...	5.329	101	607	0.010	ppbv#	91
85]	1,2-Dichloroethane(sim)	7.752	62	419m	0.012	ppbv	41
86]	1,1,1-Trichloroethane(...	7.908	97	573	0.011	ppbv#	95
87]	Benzene(sim)	8.185	78	1224m	0.017	ppbv	90
88]	Carbon Tetrachloride(sim)	8.275	117	558	0.010	ppbv#	79
89]	1,1-Dichloroethene(sim)	5.766	61	417m	0.011	ppbv	1
90]	Trichlorotrifluoroetha...	6.016	101	507	0.011	ppbv#	97
91]	Trans-1,2-Dichloroethe...	6.452	61	795m	0.020	ppbv	48
92]	1,1-Dichloroethane(sim)	6.586	63	499	0.011	ppbv#	95
93]	Cis-1,2-Dichloroethene...	7.106	61	377m	0.011	ppbv	61
94]	Chloroform(sim)	7.284	83	502	0.011	ppbv#	82
96]	1,2-dichloropropane(sim)	8.660	63	330m	0.010	ppbv	89
97]	Bromodichloromethane(sim)	8.773	83	608m	0.012	ppbv	61
98]	Trichloroethene(sim)	8.796	130	731	0.019	ppbv	94
99]	1,4-Dioxane(sim)	8.920	88	351m	0.026	ppbv	10
100]	cis-1,3-Dichloropropen...	9.278	75	476	0.011	ppbv	97
101]	1,1,2-Trichloroethane(...	9.676	97	363m	0.012	ppbv	7
102]	Dibromochloromethane(sim)	10.093	129	526	0.010	ppbv	89
103]	1,2-Dibromoethane(EDB)...	10.229	107	573m	0.012	ppbv	90
104]	Tetrachloroethene(sim)	10.471	166	545	0.011	ppbv	95
106]	Bromoform(sim)	11.216	173	506	0.010	ppbv	95
107]	m,p-Xylene(sim)	11.134	91	2491m	0.028	ppbv	95
108]	1,1,2,2-Tetrachloroeth...	11.400	83	822	0.012	ppbv#	98
111]	Benzyl chloride(sim)	12.477	91	1182m	0.016	ppbv	79
112]	1,3-Dichlorobenzene(sim)	12.498	146	1251	0.015	ppbv	93
113]	1,4-Dichlorobenzene(sim)	12.539	146	1261m	0.018	ppbv	93

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_04.D
Acq On : 13 Dec 2024 2:25 pm
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01 ppb; TO1510D
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 15 10:12:27 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

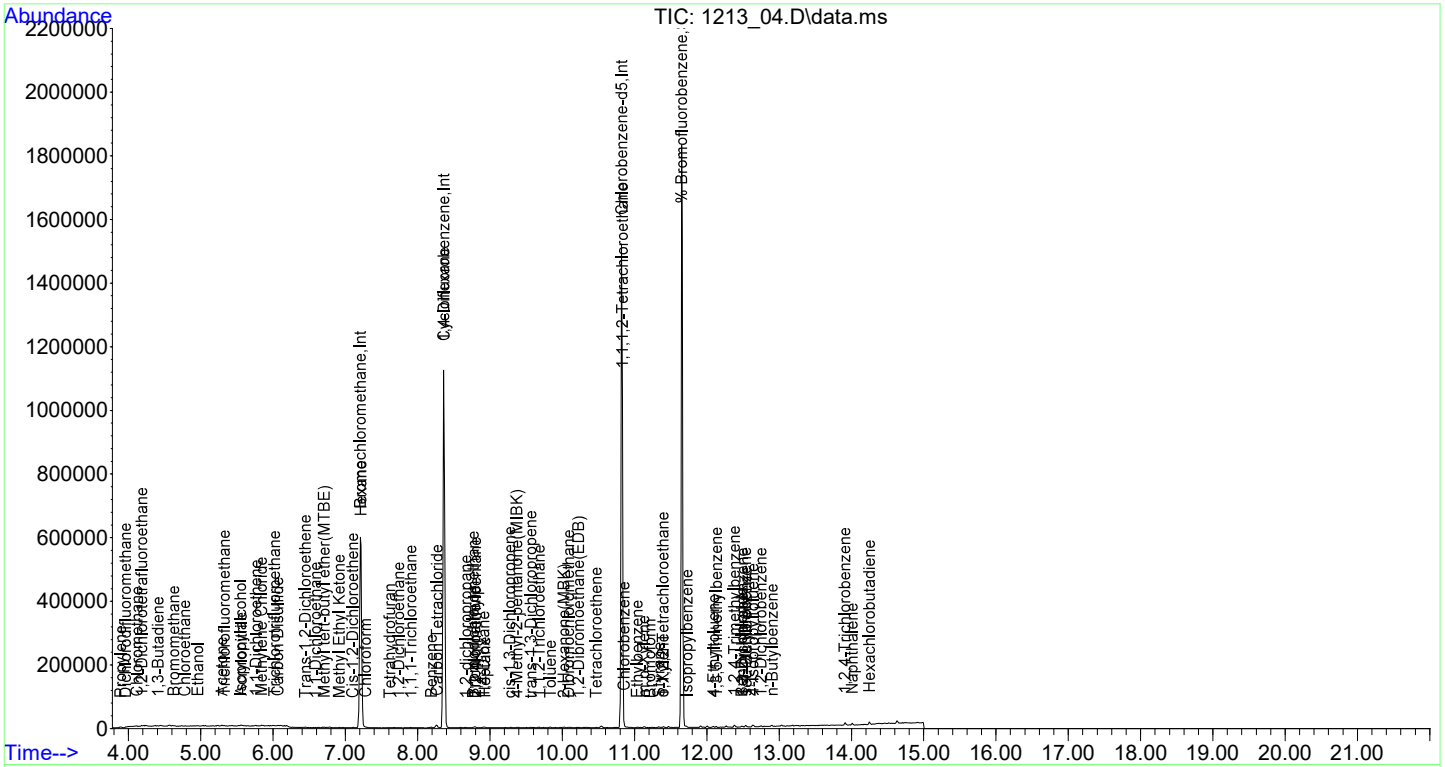
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	2197	0.013	ppbv	97
115] 4-Isopropyltoluene(sim)	12.631	119	2691m	0.019	ppbv	85
116] 1,2-Dichlorobenzene(sim)	12.754	146	1194	0.016	ppbv	94
117] n-Butylbenzene(sim)	12.898	91	2375m	0.019	ppbv	90
118] 1,2,4-Trichlorobenzene...	13.914	180	1790	0.036	ppbv	98
119] Hexachlorobutadiene(sim)	14.252	225	1644m	0.022	ppbv	94

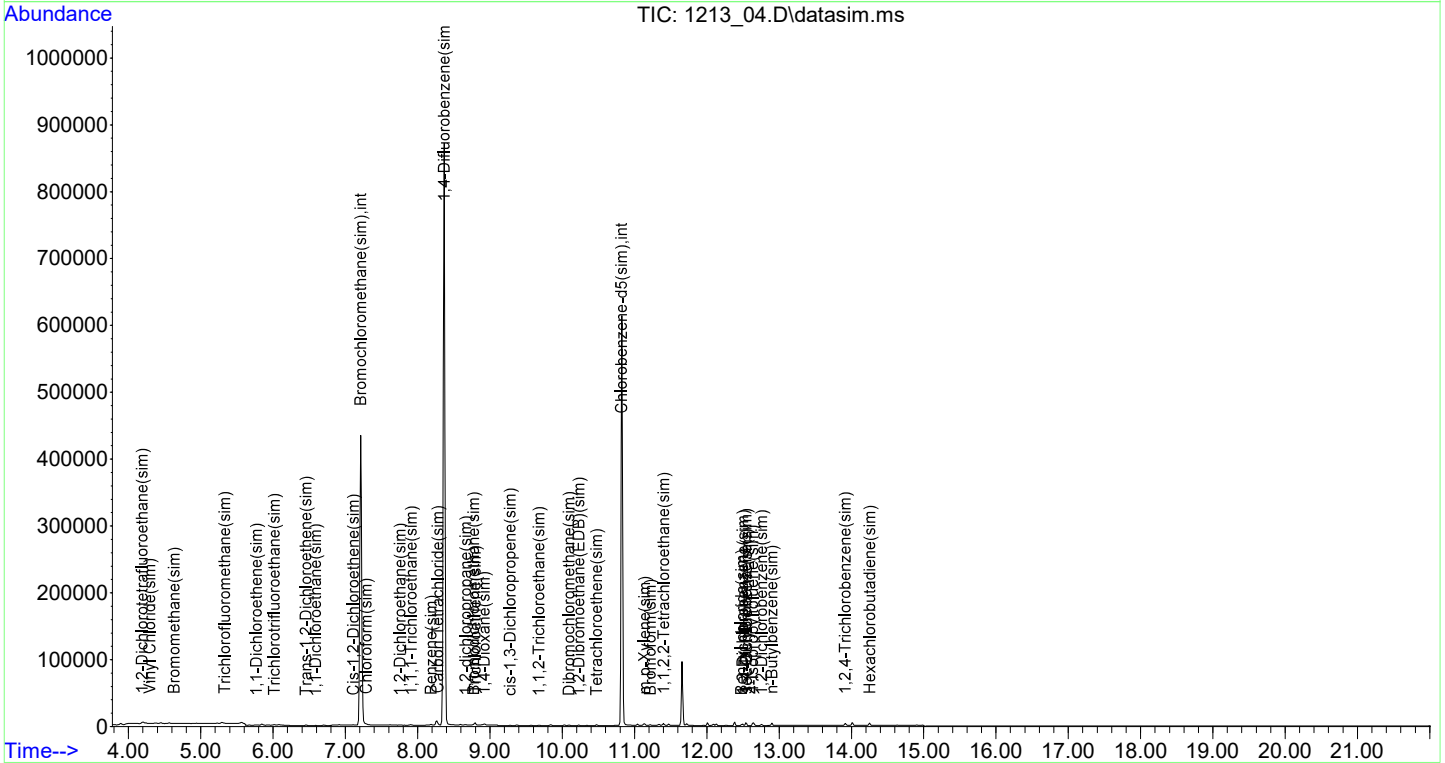
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_04.D
Acq On : 13 Dec 2024 2:25 pm
Operator :
Client ID : ICAL 0.01
Lab ID : 0.01 ppb; TO1510D
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 15 10:12:27 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_05.D
Acq On : 13 Dec 2024 2:56 pm
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppb; TO1510D
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 10:13:50 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.205	130	211839	10.000	ng	0.00
36) 1,4-Difluorobenzene	8.360	114	763482	10.000	ng	0.00
53) Chlorobenzene-d5	10.821	82	391277	10.000	ng	0.00
80) Bromochloromethane(sim)	7.211	130	222716	10.000	ng	#-0.01
95) 1,4-Difluorobenzene(sim)	8.360	114	763328	10.000	ng	0.00
105) Chlorobenzene-d5(sim)	10.821	82	391277	10.000	ng	0.00
System Monitoring Compounds						
62) % Bromofluorobenzene	11.651	95	546403	9.964	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.60%		
Target Compounds						Qvalue
2) Propylene	4.019	41	936	0.045	ppbv	97
3) Dichlorodifluoromethane	3.944	85	982	0.017	ppbv#	61
4) Chloromethane	4.095	50	887	0.042	ppbv#	62
5) 1,2-Dichlorotetrafluor...	4.181	85	992	0.018	ppbv#	90
6) Vinyl Chloride	4.289	62	341	0.015	ppbv	83
7) 1,3-Butadiene	4.407	54	647	0.035	ppbv#	78
8) Bromomethane	4.623	94	556	0.026	ppbv#	25
9) Chloroethane	4.774	64	280	0.026	ppbv#	38
11) Ethanol	4.935	45	1208	0.117	ppbv#	70
12) Acetone	5.291	43	3382	0.092	ppbv#	88
13) Trichlorofluoromethane	5.323	101	1137	0.020	ppbv#	92
14) Isopropylalcohol	5.550	45	3681	0.077	ppbv#	35
15) Acrylonitrile	5.560	53	768	0.040	ppbv#	54
16) 1,1-Dichloroethene	5.761	61	825	0.022	ppbv#	33
17) Methylene Chloride	5.839	49	1744	0.062	ppbv	91
20) Carbon Disulfide	6.054	76	1215	0.021	ppbv	97
21) Trichlorotrifluoroethane	6.011	101	851	0.019	ppbv#	83
22) Trans-1,2-Dichloroethene	6.455	61	1092	0.030	ppbv#	66
23) 1,1-Dichloroethane	6.581	63	756	0.018	ppbv	78
24) Methyl tert-butyl ethe...	6.707	73	2017	0.034	ppbv#	76
25) Methyl Ethyl Ketone	6.913	43	2116	0.042	ppbv#	83
26) Cis-1,2-Dichloroethene	7.101	61	431	0.013	ppbv#	58
27) Hexane	7.216	57	859	0.023	ppbv#	39
28) Chloroform	7.288	83	864	0.019	ppbv	95
29) Ethyl acetate	0.000	61	0	0.000	ppbv	0
30) Tetrahydrofuran	7.611	42	861	0.035	ppbv#	43
31) 1,2-Dichloroethane	7.736	62	558	0.016	ppbv#	80
32) 1,1,1-Trichloroethane	7.903	97	1055	0.022	ppbv#	78
33) Benzene	8.179	78	1616	0.024	ppbv	95
34) Carbon Tetrachloride	8.270	117	863	0.017	ppbv	95
35) Cyclohexane	8.349	84	860	0.034	ppbv#	1
37) 1,2-dichloropropane	8.666	63	538	0.019	ppbv#	16
38) Bromodichloromethane	8.768	83	880	0.018	ppbv	85
39) Trichloroethene	8.790	130	786	0.025	ppbv#	81
40) 2,2,4-trimethylpentane	8.790	57	2332	0.021	ppbv#	87
41) 1,4-Dioxane	8.915	88	183	0.014	ppbv#	90
43) Heptane	8.926	43	1851	0.039	ppbv#	78
44) cis-1,3-Dichloropropene	9.272	75	606	0.015	ppbv#	72
45) 4-Methyl-2-pentanone(M...	9.369	43	1859	0.031	ppbv#	78
46) trans-1,3-Dichloropropene	9.563	75	714	0.021	ppbv#	70
47) 1,1,2-Trichloroethane	9.680	97	529	0.019	ppbv#	65
48) Toluene	9.835	91	2261	0.027	ppbv#	82

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_05.D
Acq On : 13 Dec 2024 2:56 pm
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppb; TO1510D
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 10:13:50 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.087	129	723	0.013	ppbv#	77
50)	2-Hexanone(MBK)	10.020	43	2206	0.038	ppbv#	85
51)	1,2-Dibromoethane(EDB)	10.233	107	930	0.019	ppbv	93
52)	Tetrachloroethene	10.476	166	1007	0.023	ppbv#	82
54)	1,1,1,2-Tetrachloroethane	10.831	131	598	0.017	ppbv#	83
55)	Chlorobenzene	10.852	112	1293	0.022	ppbv#	1
56)	Ethylbenzene	11.036	91	2661	0.027	ppbv	87
57)	m,p-Xylene	11.139	91	3606	0.048	ppbv	96
58)	Bromoform	11.210	173	860	0.017	ppbv#	87
59)	Styrene	11.333	104	1231	0.021	ppbv#	88
60)	1,1,2,2-Tetrachloroethane	11.395	83	1207	0.021	ppbv	91
61)	o-Xylene	11.395	91	1956	0.024	ppbv	91
64)	Isopropylbenzene	11.712	105	2566	0.023	ppbv#	91
66)	4-Ethyltoluene	12.092	105	3040	0.027	ppbv#	94
67)	1,3,5-Trimethylbenzene	12.133	105	2227	0.025	ppbv#	93
68)	1,2,4-Trimethylbenzene	12.379	105	2478	0.026	ppbv	90
70)	Benzyl chloride	12.482	91	1505	0.021	ppbv#	86
71)	1,3-Dichlorobenzene	12.492	146	1206	0.019	ppbv#	66
72)	1,4-Dichlorobenzene	12.533	146	1474	0.024	ppbv#	83
73)	sec-Butylbenzene	12.544	105	3053	0.023	ppbv	95
74)	4-Isopropyltoluene	12.636	119	3612	0.028	ppbv	93
75)	1,2-Dichlorobenzene	12.749	146	1559	0.026	ppbv	89
76)	n-Butylbenzene	12.892	91	2934	0.026	ppbv	94
77)	1,2,4-Trichlorobenzene	13.919	180	1840	0.036	ppbv#	89
78)	Naphthalene	14.011	128	4403	0.041	ppbv#	98
79)	Hexachlorobutadiene	14.247	225	1930	0.033	ppbv	89
81]	1,2-Dichlorotetrafluor...	4.186	85	1148m	0.020	ppbv	90
82]	Vinyl Chloride(sim)	4.294	62	482	0.020	ppbv#	74
83]	Bromomethane(sim)	4.628	94	464m	0.020	ppbv	25
84]	Trichlorofluoromethane...	5.329	101	1156	0.019	ppbv#	98
85]	1,2-Dichloroethane(sim)	7.742	62	729m	0.021	ppbv	80
86]	1,1,1-Trichloroethane(...	7.898	97	993	0.019	ppbv#	97
87]	Benzene(sim)	8.185	78	1916m	0.026	ppbv	96
88]	Carbon Tetrachloride(sim)	8.275	117	1069m	0.020	ppbv	90
89]	1,1-Dichloroethene(sim)	5.767	61	753m	0.019	ppbv	33
90]	Trichlorotrifluoroetha...	6.017	101	946	0.020	ppbv#	94
91]	Trans-1,2-Dichloroethe...	6.452	61	1108m	0.027	ppbv	66
92]	1,1-Dichloroethane(sim)	6.586	63	901	0.019	ppbv	100
93]	Cis-1,2-Dichloroethene...	7.107	61	744m	0.021	ppbv	58
94]	Chloroform(sim)	7.284	83	938	0.020	ppbv#	81
96]	1,2-dichloropropane(sim)	8.660	63	640	0.020	ppbv	92
97]	Bromodichloromethane(sim)	8.773	83	1061m	0.020	ppbv	87
98]	Trichloroethene(sim)	8.796	130	1031	0.027	ppbv	95
99]	1,4-Dioxane(sim)	8.920	88	441m	0.033	ppbv	90
100]	cis-1,3-Dichloropropen...	9.278	75	824	0.019	ppbv	95
101]	1,1,2-Trichloroethane(...	9.676	97	616m	0.021	ppbv	62
102]	Dibromochloromethane(sim)	10.093	129	1009	0.019	ppbv	94
103]	1,2-Dibromoethane(EDB)...	10.229	107	1009m	0.020	ppbv	92
104]	Tetrachloroethene(sim)	10.472	166	970	0.020	ppbv	94
106]	Bromoform(sim)	11.216	173	937	0.018	ppbv	98
107]	m,p-Xylene(sim)	11.134	91	3750m	0.042	ppbv	96
108]	1,1,2,2-Tetrachloroeth...	11.400	83	1343	0.020	ppbv	98
111]	Benzyl chloride(sim)	12.477	91	1569m	0.021	ppbv	86
112]	1,3-Dichlorobenzene(sim)	12.498	146	1825	0.021	ppbv	95
113]	1,4-Dichlorobenzene(sim)	12.539	146	1735m	0.025	ppbv	83

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_05.D
Acq On : 13 Dec 2024 2:56 pm
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppb; TO1510D
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 10:13:50 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

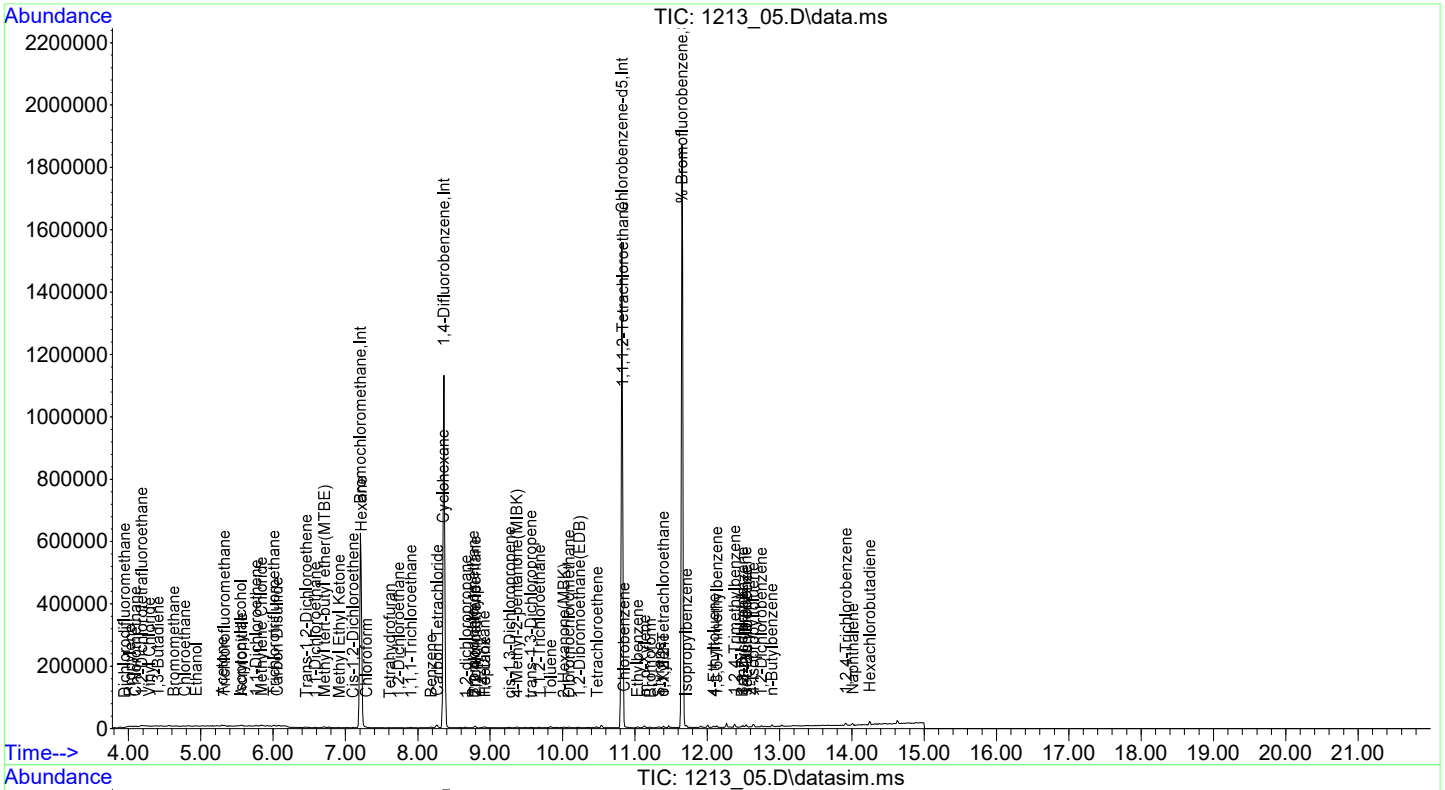
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	3480	0.021	ppbv	99
115] 4-Isopropyltoluene(sim)	12.631	119	3905m	0.027	ppbv	93
116] 1,2-Dichlorobenzene(sim)	12.754	146	1752	0.023	ppbv	94
117] n-Butylbenzene(sim)	12.898	91	3136m	0.025	ppbv	94
118] 1,2,4-Trichlorobenzene...	13.914	180	1978	0.040	ppbv	98
119] Hexachlorobutadiene(sim)	14.247	225	1930	0.025	ppbv#	80

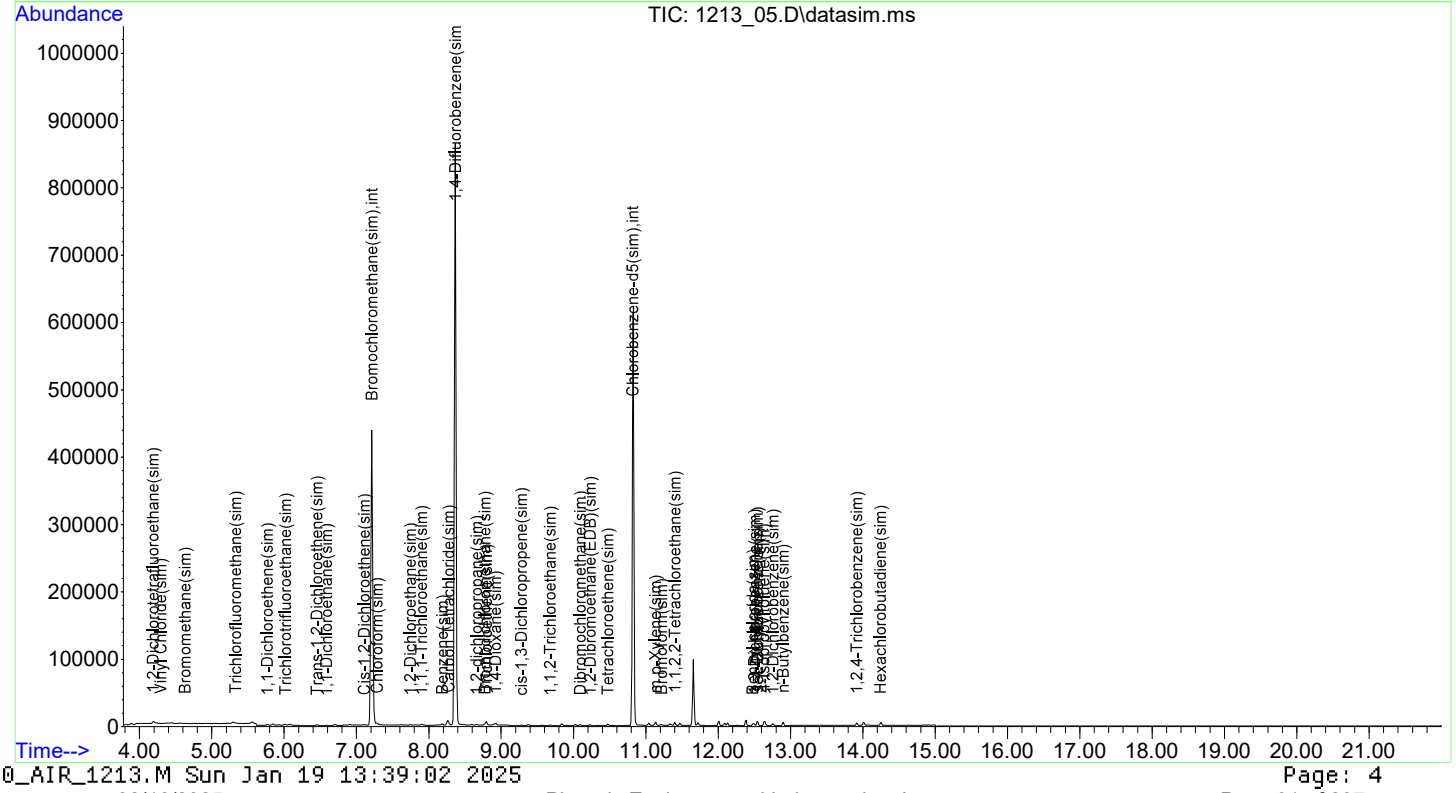
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_05.D
Acq On : 13 Dec 2024 2:56 pm
Operator :
Client ID : ICAL 0.02
Lab ID : 0.02 ppb; TO1510D
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 15 10:13:50 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_06.D
Acq On : 13 Dec 2024 3:29 pm
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppb; TO1510D
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 10:15:00 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.205	130	207088	10.000	ng	0.00
36) 1,4-Difluorobenzene	8.360	114	769844	10.000	ng	0.00
53) Chlorobenzene-d5	10.821	82	391458	10.000	ng	0.00
80) Bromochloromethane(sim)	7.211	130	223491	10.000	ng	#-0.01
95) 1,4-Difluorobenzene(sim)	8.360	114	769679	10.000	ng	0.00
105) Chlorobenzene-d5(sim)	10.821	82	391458	10.000	ng	0.00
System Monitoring Compounds						
62) % Bromofluorobenzene	11.651	95	544847	9.931	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.30%		
Target Compounds						Qvalue
2) Propylene	3.890	41	2172	0.106	ppbv#	56
3) Dichlorodifluoromethane	3.955	85	1926	0.035	ppbv#	89
4) Chloromethane	4.095	50	1086	0.053	ppbv#	55
5) 1,2-Dichlorotetrafluor...	4.181	85	1910	0.036	ppbv#	89
6) Vinyl Chloride	4.289	62	745	0.034	ppbv#	63
7) 1,3-Butadiene	4.396	54	1000	0.056	ppbv	95
8) Bromomethane	4.623	94	1033	0.049	ppbv#	83
9) Chloroethane	4.763	64	328	0.032	ppbv#	62
11) Ethanol	4.946	45	1603	0.159	ppbv#	40
12) Acetone	5.291	43	3573	0.099	ppbv#	80
13) Trichlorofluoromethane	5.334	101	1784	0.032	ppbv#	85
14) Isopropylalcohol	5.550	45	5020	0.108	ppbv#	66
15) Acrylonitrile	5.571	53	1394	0.074	ppbv#	71
16) 1,1-Dichloroethene	5.761	61	1354	0.036	ppbv#	73
17) Methylene Chloride	5.847	49	2144	0.078	ppbv	95
20) Carbon Disulfide	6.063	76	2107	0.037	ppbv#	78
21) Trichlorotrifluoroethane	6.011	101	1434	0.033	ppbv	94
22) Trans-1,2-Dichloroethene	6.447	61	1451	0.041	ppbv#	90
23) 1,1-Dichloroethane	6.589	63	1216	0.030	ppbv	86
24) Methyl tert-butyl ethe...	6.707	73	2933	0.051	ppbv#	71
25) Methyl Ethyl Ketone	6.914	43	2989	0.061	ppbv#	80
26) Cis-1,2-Dichloroethene	7.101	61	1114	0.034	ppbv	96
27) Hexane	7.216	57	1450	0.040	ppbv#	91
28) Chloroform	7.289	83	1311	0.030	ppbv	92
29) Ethyl acetate	7.278	61	113	0.015	ppbv#	67
30) Tetrahydrofuran	7.611	42	1375	0.057	ppbv#	67
31) 1,2-Dichloroethane	7.747	62	893	0.027	ppbv#	80
32) 1,1,1-Trichloroethane	7.893	97	1553	0.033	ppbv	93
33) Benzene	8.191	78	2535	0.039	ppbv	93
34) Carbon Tetrachloride	8.270	117	1718	0.034	ppbv	97
35) Cyclohexane	8.349	84	1376	0.056	ppbv#	1
37) 1,2-dichloropropane	8.666	63	699	0.024	ppbv#	62
38) Bromodichloromethane	8.768	83	1476	0.029	ppbv	77
39) Trichloroethene	8.790	130	1241	0.039	ppbv	95
40) 2,2,4-trimethylpentane	8.802	57	3976	0.035	ppbv#	92
41) 1,4-Dioxane	8.915	88	467	0.035	ppbv#	80
43) Heptane	8.926	43	2744	0.057	ppbv#	81
44) cis-1,3-Dichloropropene	9.272	75	1236	0.030	ppbv	97
45) 4-Methyl-2-pentanone(M...	9.369	43	3142	0.052	ppbv#	78
46) trans-1,3-Dichloropropene	9.563	75	1096	0.032	ppbv#	75
47) 1,1,2-Trichloroethane	9.680	97	963	0.034	ppbv#	83
48) Toluene	9.835	91	3123	0.037	ppbv#	89

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_06.D
Acq On : 13 Dec 2024 3:29 pm
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppb; TO1510D
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 10:15:00 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.088	129	1682	0.030	ppbv	93
50)	2-Hexanone(MBK)	10.020	43	2860	0.048	ppbv#	93
51)	1,2-Dibromoethane(EDB)	10.233	107	1526	0.032	ppbv	96
52)	Tetrachloroethene	10.476	166	1499	0.034	ppbv	95
54)	1,1,1,2-Tetrachloroethane	10.831	131	1184	0.035	ppbv#	93
55)	Chlorobenzene	10.852	112	2175	0.037	ppbv#	1
56)	Ethylbenzene	11.036	91	4037	0.040	ppbv	88
57)	m,p-Xylene	11.128	91	6326	0.083	ppbv	99
58)	Bromoform	11.210	173	1452	0.028	ppbv	94
59)	Styrene	11.333	104	2207	0.038	ppbv	96
60)	1,1,2,2-Tetrachloroethane	11.395	83	1908	0.033	ppbv	89
61)	o-Xylene	11.395	91	3028	0.038	ppbv	96
64)	Isopropylbenzene	11.723	105	4109	0.036	ppbv	98
66)	4-Ethyltoluene	12.092	105	4791	0.042	ppbv	98
67)	1,3,5-Trimethylbenzene	12.133	105	3706	0.042	ppbv	99
68)	1,2,4-Trimethylbenzene	12.379	105	4087	0.043	ppbv	93
70)	Benzyl chloride	12.482	91	2488	0.034	ppbv#	89
71)	1,3-Dichlorobenzene	12.492	146	2925	0.046	ppbv	94
72)	1,4-Dichlorobenzene	12.533	146	2488	0.041	ppbv	97
73)	sec-Butylbenzene	12.544	105	5492	0.041	ppbv	98
74)	4-Isopropyltoluene	12.636	119	5200	0.041	ppbv	99
75)	1,2-Dichlorobenzene	12.749	146	2531	0.042	ppbv	98
76)	n-Butylbenzene	12.893	91	4505	0.040	ppbv	99
77)	1,2,4-Trichlorobenzene	13.908	180	2283	0.044	ppbv	95
78)	Naphthalene	14.011	128	5565	0.052	ppbv#	98
79)	Hexachlorobutadiene	14.247	225	2601	0.045	ppbv	97
81]	1,2-Dichlorotetrafluor...	4.186	85	2140m	0.037	ppbv	89
82]	Vinyl Chloride(sim)	4.294	62	867	0.035	ppbv	94
83]	Bromomethane(sim)	4.628	94	770m	0.034	ppbv	83
84]	Trichlorofluoromethane...	5.329	101	2030	0.034	ppbv#	97
85]	1,2-Dichloroethane(sim)	7.752	62	1297m	0.037	ppbv	80
86]	1,1,1-Trichloroethane(...	7.909	97	1715	0.033	ppbv#	96
87]	Benzene(sim)	8.185	78	3068m	0.041	ppbv	94
88]	Carbon Tetrachloride(sim)	8.275	117	1742	0.032	ppbv	95
89]	1,1-Dichloroethene(sim)	5.767	61	1334m	0.034	ppbv	73
90]	Trichlorotrifluoroetha...	6.017	101	1630	0.034	ppbv#	96
91]	Trans-1,2-Dichloroethe...	6.452	61	1734m	0.042	ppbv	90
92]	1,1-Dichloroethane(sim)	6.586	63	1567	0.034	ppbv	99
93]	Cis-1,2-Dichloroethene...	7.107	61	1340m	0.038	ppbv	96
94]	Chloroform(sim)	7.284	83	1596	0.033	ppbv#	92
96]	1,2-dichloropropane(sim)	8.660	63	1075	0.034	ppbv#	86
97]	Bromodichloromethane(sim)	8.773	83	1824m	0.035	ppbv	79
98]	Trichloroethene(sim)	8.796	130	1478	0.038	ppbv	96
99]	1,4-Dioxane(sim)	8.921	88	673m	0.050	ppbv	80
100]	cis-1,3-Dichloropropen...	9.278	75	1427	0.033	ppbv	98
101]	1,1,2-Trichloroethane(...	9.676	97	1092m	0.036	ppbv	80
102]	Dibromochloromethane(sim)	10.093	129	1822	0.033	ppbv	96
103]	1,2-Dibromoethane(EDB)...	10.229	107	1888m	0.038	ppbv	96
104]	Tetrachloroethene(sim)	10.472	166	1696	0.034	ppbv	96
106]	Bromoform(sim)	11.216	173	1676	0.032	ppbv	98
107]	m,p-Xylene(sim)	11.128	91	6326	0.071	ppbv	98
108]	1,1,2,2-Tetrachloroeth...	11.400	83	2220	0.033	ppbv	98
111]	Benzyl chloride(sim)	12.477	91	2804m	0.038	ppbv	89
112]	1,3-Dichlorobenzene(sim)	12.498	146	2890	0.034	ppbv	95
113]	1,4-Dichlorobenzene(sim)	12.539	146	2814m	0.040	ppbv	97

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_06.D
Acq On : 13 Dec 2024 3:29 pm
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppb; TO1510D
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 10:15:00 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

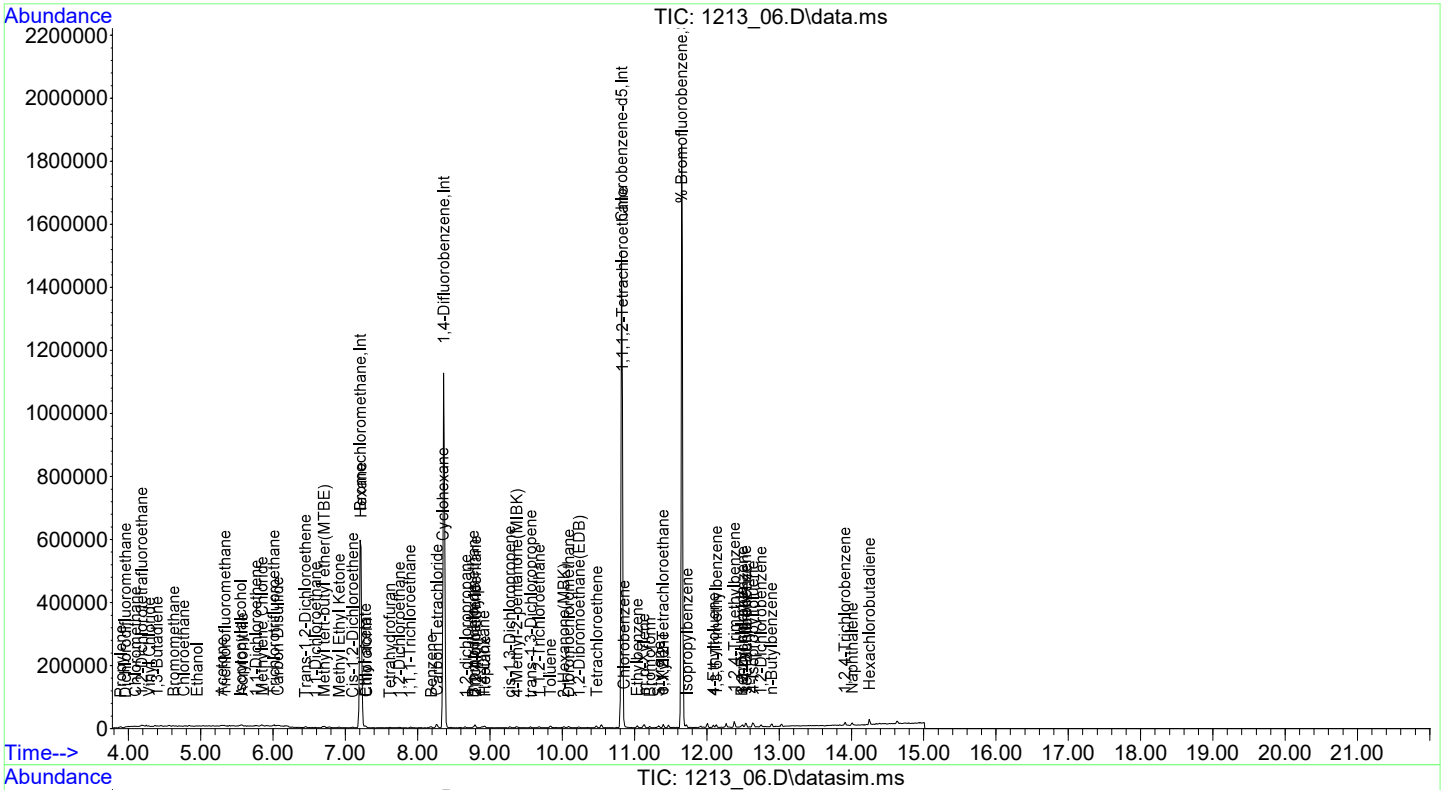
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	5738	0.034	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	5200	0.036	ppbv	99
116] 1,2-Dichlorobenzene(sim)	12.754	146	2725	0.036	ppbv	95
117] n-Butylbenzene(sim)	12.893	91	4505	0.035	ppbv	98
118] 1,2,4-Trichlorobenzene...	13.914	180	2538	0.051	ppbv	98
119] Hexachlorobutadiene(sim)	14.247	225	2601	0.034	ppbv	96

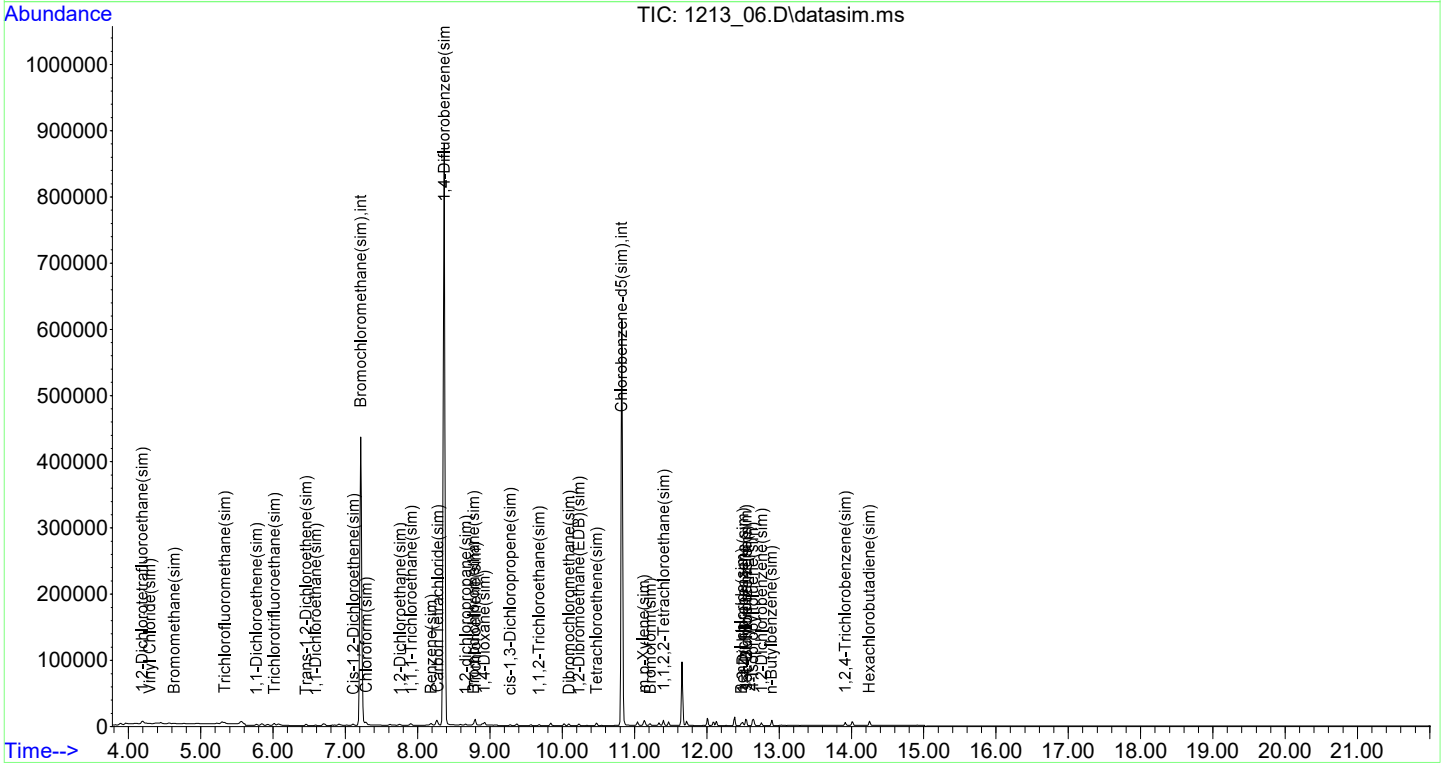
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_06.D
Acq On : 13 Dec 2024 3:29 pm
Operator :
Client ID : ICAL 0.035
Lab ID : 0.035 ppb; TO1510D
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 10:15:00 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_07.D
Acq On : 13 Dec 2024 4:03 pm
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppb; TO1510D
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 15 10:16:27 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.216	130	202864	10.000	ng	0.00
36) 1,4-Difluorobenzene	8.360	114	746256	10.000	ng	0.00
53) Chlorobenzene-d5	10.821	82	379311	10.000	ng	0.00
80) Bromochloromethane(sim)	7.211	130	217377	10.000	ng	#-0.01
95) 1,4-Difluorobenzene(sim)	8.360	114	745957	10.000	ng	0.00
105) Chlorobenzene-d5(sim)	10.821	82	379311	10.000	ng	0.00
System Monitoring Compounds						
62) % Bromofluorobenzene	11.651	95	527347	9.919	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.20%			
Target Compounds						Qvalue
2) Propylene	3.890	41	2606	0.129	ppbv#	83
3) Dichlorodifluoromethane	3.954	85	2590	0.048	ppbv#	88
4) Chloromethane	4.105	50	1480	0.074	ppbv	88
5) 1,2-Dichlorotetrafluor...	4.181	85	2652	0.051	ppbv	92
6) Vinyl Chloride	4.289	62	943	0.044	ppbv#	38
7) 1,3-Butadiene	4.396	54	1224	0.070	ppbv#	72
8) Bromomethane	4.623	94	1251	0.061	ppbv#	89
9) Chloroethane	4.763	64	694	0.068	ppbv#	38
11) Ethanol	4.957	45	1494	0.151	ppbv#	69
12) Acetone	5.291	43	5136	0.146	ppbv#	90
13) Trichlorofluoromethane	5.323	101	2620	0.047	ppbv	95
14) Isopropylalcohol	5.550	45	6598	0.144	ppbv#	74
15) Acrylonitrile	5.571	53	1680	0.091	ppbv#	70
16) 1,1-Dichloroethene	5.770	61	1932	0.053	ppbv#	76
17) Methylene Chloride	5.839	49	2170	0.080	ppbv	89
20) Carbon Disulfide	6.063	76	2747	0.050	ppbv	99
21) Trichlorotrifluoroethane	6.011	101	2238	0.052	ppbv	85
22) Trans-1,2-Dichloroethene	6.455	61	1962	0.057	ppbv	91
23) 1,1-Dichloroethane	6.589	63	2005	0.050	ppbv	87
24) Methyl tert-butyl ethe...	6.707	73	3477	0.062	ppbv#	81
25) Methyl Ethyl Ketone	6.913	43	3364	0.070	ppbv#	82
26) Cis-1,2-Dichloroethene	7.101	61	1573	0.048	ppbv	98
27) Hexane	7.216	57	2043	0.058	ppbv#	84
28) Chloroform	7.288	83	2036	0.047	ppbv	96
29) Ethyl acetate	7.278	61	278	0.038	ppbv#	62
30) Tetrahydrofuran	7.622	42	1504	0.064	ppbv#	91
31) 1,2-Dichloroethane	7.747	62	1683	0.052	ppbv	91
32) 1,1,1-Trichloroethane	7.903	97	2433	0.053	ppbv	91
33) Benzene	8.191	78	4003	0.063	ppbv	94
34) Carbon Tetrachloride	8.270	117	2384	0.048	ppbv	90
35) Cyclohexane	8.349	84	1583	0.065	ppbv#	1
37) 1,2-dichloropropane	8.666	63	1321	0.047	ppbv#	78
38) Bromodichloromethane	8.768	83	2402	0.049	ppbv	95
39) Trichloroethene	8.790	130	1688	0.055	ppbv	95
40) 2,2,4-trimethylpentane	8.790	57	5708	0.052	ppbv	95
41) 1,4-Dioxane	8.915	88	690	0.053	ppbv#	71
43) Heptane	8.926	43	3502	0.075	ppbv#	84
44) cis-1,3-Dichloropropene	9.272	75	1926	0.048	ppbv	88
45) 4-Methyl-2-pentanone(M...	9.369	43	3754	0.064	ppbv#	86
46) trans-1,3-Dichloropropene	9.563	75	1520	0.046	ppbv#	91
47) 1,1,2-Trichloroethane	9.680	97	1179	0.043	ppbv	91
48) Toluene	9.835	91	4313	0.053	ppbv#	96

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_07.D
Acq On : 13 Dec 2024 4:03 pm
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppb; TO1510D
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 15 10:16:27 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.087	129	2536	0.047	ppbv	93
50)	2-Hexanone(MBK)	10.029	43	3510	0.061	ppbv#	95
51)	1,2-Dibromoethane(EDB)	10.233	107	2306	0.049	ppbv	85
52)	Tetrachloroethene	10.466	166	2059	0.048	ppbv	93
54)	1,1,1,2-Tetrachloroethane	10.831	131	1667	0.050	ppbv#	89
55)	Chlorobenzene	10.852	112	3109	0.054	ppbv#	1
56)	Ethylbenzene	11.036	91	5477	0.056	ppbv	94
57)	m,p-Xylene	11.139	91	8222	0.112	ppbv	98
58)	Bromoform	11.210	173	1965	0.040	ppbv#	92
59)	Styrene	11.333	104	2689	0.048	ppbv#	79
60)	1,1,2,2-Tetrachloroethane	11.395	83	2950	0.053	ppbv	96
61)	o-Xylene	11.395	91	4232	0.055	ppbv	98
64)	Isopropylbenzene	11.723	105	5802	0.053	ppbv	98
66)	4-Ethyltoluene	12.092	105	6342	0.058	ppbv#	97
67)	1,3,5-Trimethylbenzene	12.133	105	4866	0.057	ppbv#	93
68)	1,2,4-Trimethylbenzene	12.379	105	5147	0.056	ppbv	95
70)	Benzyl chloride	12.482	91	3048	0.043	ppbv	98
71)	1,3-Dichlorobenzene	12.492	146	3442	0.055	ppbv	95
72)	1,4-Dichlorobenzene	12.533	146	3482	0.059	ppbv	94
73)	sec-Butylbenzene	12.544	105	7523	0.059	ppbv	98
74)	4-Isopropyltoluene	12.636	119	7107	0.057	ppbv	95
75)	1,2-Dichlorobenzene	12.749	146	3117	0.053	ppbv#	89
76)	n-Butylbenzene	12.892	91	6134	0.057	ppbv	93
77)	1,2,4-Trichlorobenzene	13.908	180	2782	0.056	ppbv	99
78)	Naphthalene	14.011	128	6427	0.062	ppbv#	97
79)	Hexachlorobutadiene	14.247	225	3594	0.064	ppbv	93
81]	1,2-Dichlorotetrafluor...	4.186	85	2895m	0.052	ppbv	92
82]	Vinyl Chloride(sim)	4.294	62	1133	0.047	ppbv	93
83]	Bromomethane(sim)	4.639	94	1150m	0.052	ppbv	89
84]	Trichlorofluoromethane...	5.329	101	2824	0.048	ppbv#	98
85]	1,2-Dichloroethane(sim)	7.747	62	1683	0.049	ppbv	91
86]	1,1,1-Trichloroethane(...	7.909	97	2465	0.048	ppbv#	97
87]	Benzene(sim)	8.191	78	4003	0.055	ppbv	93
88]	Carbon Tetrachloride(sim)	8.275	117	2549	0.049	ppbv	91
89]	1,1-Dichloroethene(sim)	5.770	61	1932	0.051	ppbv#	76
90]	Trichlorotrifluoroetha...	6.017	101	2291	0.049	ppbv#	95
91]	Trans-1,2-Dichloroethe...	6.460	61	2198m	0.055	ppbv	91
92]	1,1-Dichloroethane(sim)	6.594	63	2158	0.048	ppbv	99
93]	Cis-1,2-Dichloroethene...	7.107	61	1759m	0.051	ppbv	98
94]	Chloroform(sim)	7.294	83	2261	0.048	ppbv#	93
96]	1,2-dichloropropane(sim)	8.660	63	1531	0.050	ppbv#	82
97]	Bromodichloromethane(sim)	8.773	83	2662m	0.052	ppbv	95
98]	Trichloroethene(sim)	8.796	130	1973	0.053	ppbv	96
99]	1,4-Dioxane(sim)	8.920	88	947m	0.072	ppbv	71
100]	cis-1,3-Dichloropropen...	9.278	75	2002	0.048	ppbv	96
101]	1,1,2-Trichloroethane(...	9.676	97	1506m	0.051	ppbv	87
102]	Dibromochloromethane(sim)	10.093	129	2551	0.048	ppbv	97
103]	1,2-Dibromoethane(EDB)...	10.229	107	2506m	0.051	ppbv	85
104]	Tetrachloroethene(sim)	10.472	166	2365	0.049	ppbv	95
106]	Bromoform(sim)	11.216	173	2406	0.047	ppbv	98
107]	m,p-Xylene(sim)	11.139	91	8222	0.095	ppbv	97
108]	1,1,2,2-Tetrachloroeth...	11.400	83	3071	0.047	ppbv	98
111]	Benzyl chloride(sim)	12.477	91	3751m	0.053	ppbv	98
112]	1,3-Dichlorobenzene(sim)	12.498	146	3877	0.047	ppbv	95
113]	1,4-Dichlorobenzene(sim)	12.539	146	3735m	0.055	ppbv	94

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_07.D
Acq On : 13 Dec 2024 4:03 pm
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppb; TO1510D
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 15 10:16:27 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

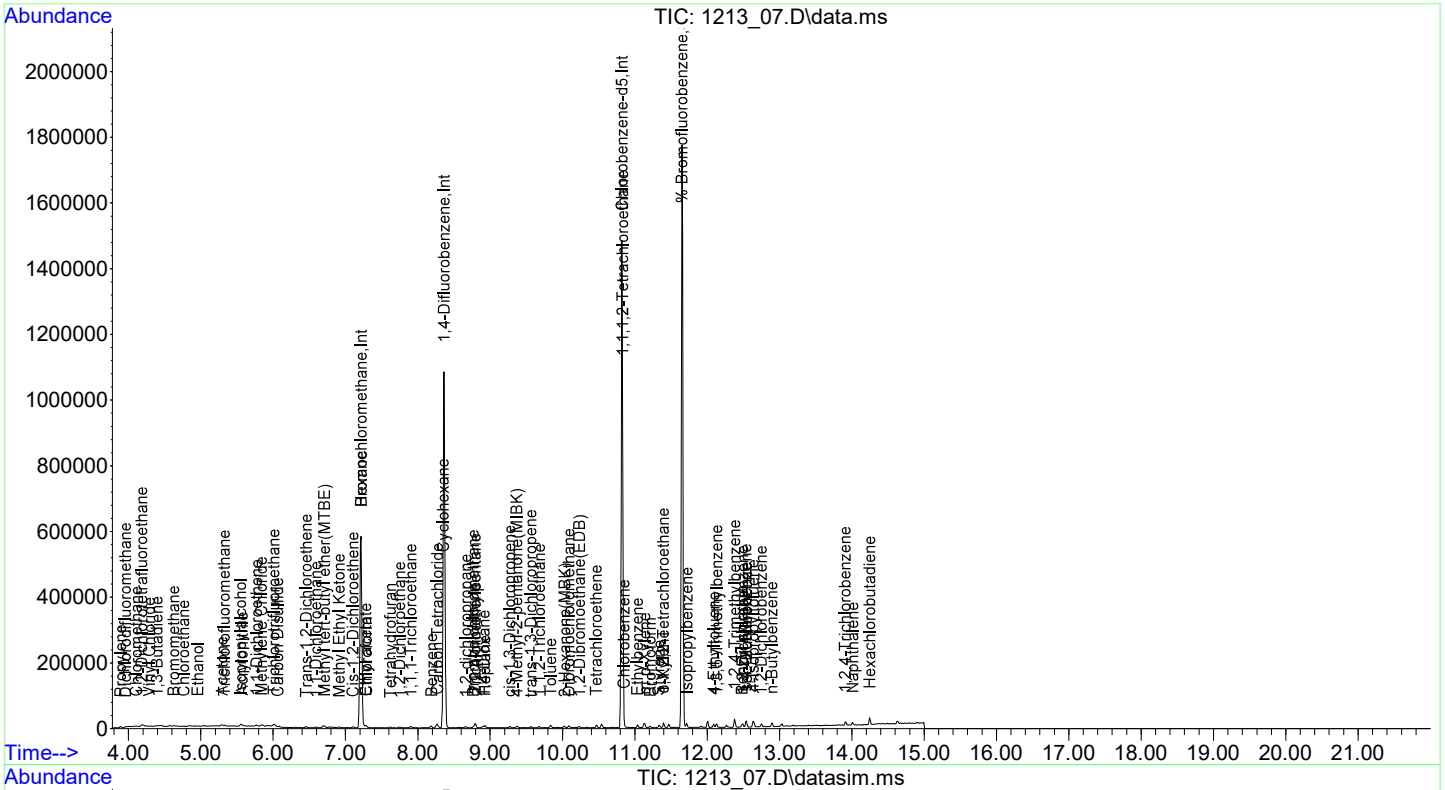
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	7870	0.048	ppbv	100
115] 4-Isopropyltoluene(sim)	12.636	119	7107	0.051	ppbv	95
116] 1,2-Dichlorobenzene(sim)	12.754	146	3635	0.050	ppbv	95
117] n-Butylbenzene(sim)	12.892	91	6134	0.050	ppbv	93
118] 1,2,4-Trichlorobenzene...	13.914	180	3164	0.065	ppbv	99
119] Hexachlorobutadiene(sim)	14.247	225	3594	0.049	ppbv	93

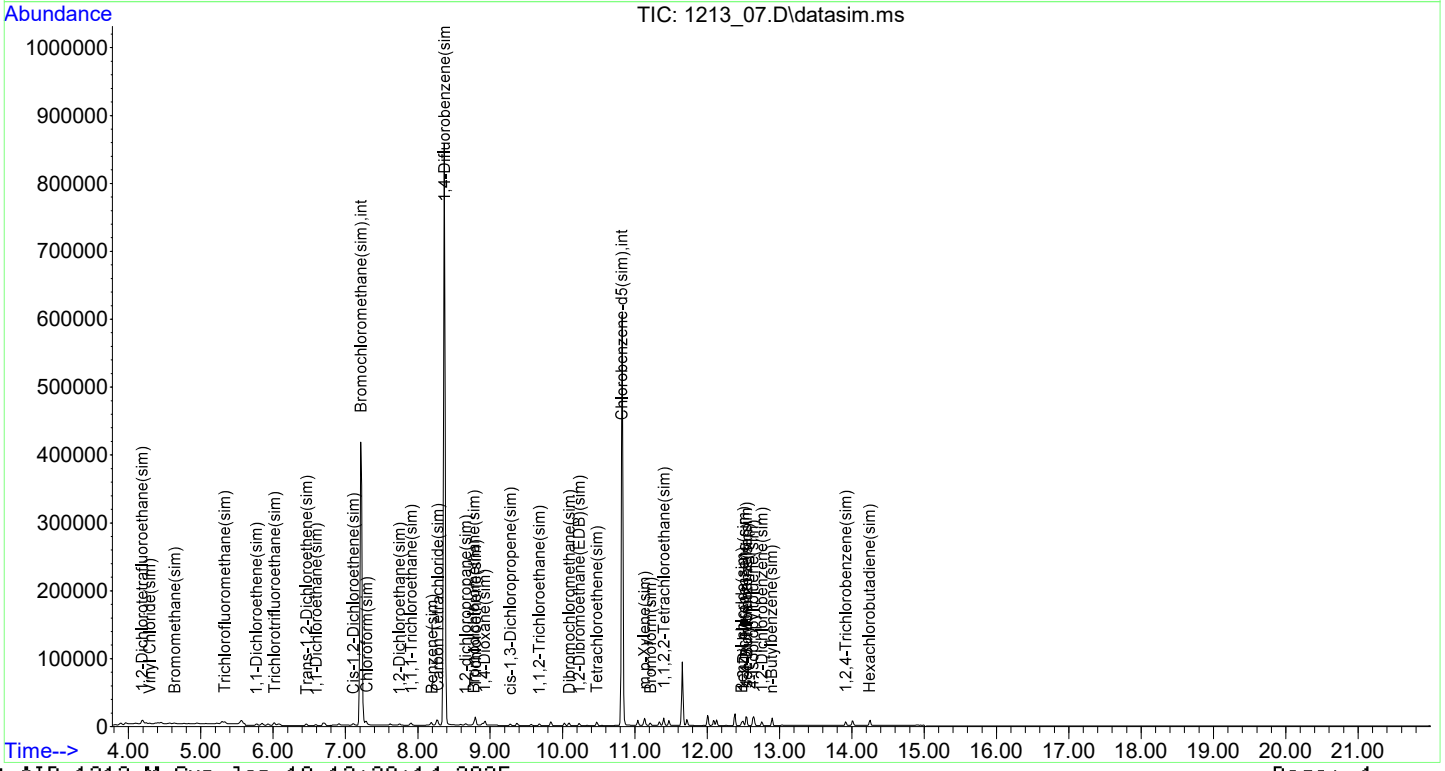
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_07.D
Acq On : 13 Dec 2024 4:03 pm
Operator :
Client ID : ICAL 0.05
Lab ID : 0.05 ppb; TO1510D
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 15 10:16:27 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_08.D
Acq On : 13 Dec 2024 4:34 pm
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppb; TO1510D
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 09:46:56 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.205	130	202211	10.000	ng	-0.01
36) 1,4-Difluorobenzene	8.360	114	748478	10.000	ng	0.00
53) Chlorobenzene-d5	10.821	82	378598	10.000	ng	0.00
80) Bromochloromethane(sim)	7.211	130	216197	10.000	ng	#-0.01
95) 1,4-Difluorobenzene(sim)	8.360	114	748218	10.000	ng	0.00
105) Chlorobenzene-d5(sim)	10.821	82	378598	10.000	ng	0.00
System Monitoring Compounds						
62) % Bromofluorobenzene	11.651	95	528128	9.953	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.50%			
Target Compounds						Qvalue
2) Propylene	3.890	41	3132	0.156	ppbv#	60
3) Dichlorodifluoromethane	3.954	85	5621	0.105	ppbv	96
4) Chloromethane	4.095	50	2824	0.141	ppbv	86
5) 1,2-Dichlorotetrafluor...	4.181	85	5825	0.112	ppbv#	90
6) Vinyl Chloride	4.289	62	2282	0.106	ppbv	90
7) 1,3-Butadiene	4.407	54	2351	0.134	ppbv	98
8) Bromomethane	4.623	94	2416	0.118	ppbv#	88
9) Chloroethane	4.763	64	1464	0.145	ppbv#	73
11) Ethanol	4.946	45	2407	0.244	ppbv#	60
12) Acetone	5.291	43	4957	0.141	ppbv#	77
13) Trichlorofluoromethane	5.323	101	5658	0.103	ppbv#	94
14) Isopropylalcohol	5.550	45	6053	0.133	ppbv#	79
15) Acrylonitrile	5.560	53	2692	0.146	ppbv#	79
16) 1,1-Dichloroethene	5.769	61	4018	0.110	ppbv	90
17) Methylene Chloride	5.838	49	3981	0.147	ppbv	87
20) Carbon Disulfide	6.063	76	6487	0.118	ppbv#	74
21) Trichlorotrifluoroethane	6.011	101	4839	0.113	ppbv	93
22) Trans-1,2-Dichloroethene	6.454	61	3803	0.110	ppbv	95
23) 1,1-Dichloroethane	6.581	63	4233	0.106	ppbv	99
24) Methyl tert-butyl ethe...	6.707	73	6708	0.120	ppbv	96
25) Methyl Ethyl Ketone	6.903	43	5375	0.112	ppbv#	92
26) Cis-1,2-Dichloroethene	7.101	61	3419	0.106	ppbv	95
27) Hexane	7.215	57	3794	0.108	ppbv#	87
28) Chloroform	7.288	83	4392	0.102	ppbv	92
29) Ethyl acetate	7.278	61	641	0.087	ppbv#	78
30) Tetrahydrofuran	7.611	42	2803	0.119	ppbv	92
31) 1,2-Dichloroethane	7.747	62	3224	0.100	ppbv	92
32) 1,1,1-Trichloroethane	7.903	97	4805	0.104	ppbv	92
33) Benzene	8.179	78	7220	0.114	ppbv#	91
34) Carbon Tetrachloride	8.270	117	5169	0.105	ppbv	97
35) Cyclohexane	8.349	84	3255	0.135	ppbv#	41
37) 1,2-dichloropropane	8.666	63	2792	0.099	ppbv	98
38) Bromodichloromethane	8.768	83	5140	0.105	ppbv	96
39) Trichloroethene	8.790	130	3345	0.108	ppbv	92
40) 2,2,4-trimethylpentane	8.790	57	12319	0.112	ppbv	94
41) 1,4-Dioxane	8.915	88	1359	0.104	ppbv#	93
43) Heptane	8.926	43	6114	0.130	ppbv#	88
44) cis-1,3-Dichloropropene	9.272	75	3874	0.096	ppbv	93
45) 4-Methyl-2-pentanone(M...	9.369	43	6708	0.115	ppbv#	94
46) trans-1,3-Dichloropropene	9.563	75	3318	0.100	ppbv	96
47) 1,1,2-Trichloroethane	9.680	97	2931	0.106	ppbv	96
48) Toluene	9.835	91	8996	0.111	ppbv	96

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_08.D
Acq On : 13 Dec 2024 4:34 pm
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppb; TO1510D
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 09:46:56 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
49)	Dibromochloromethane	10.087	129	4992	0.092 ppbv	99
50)	2-Hexanone(MBK)	10.019	43	6943	0.121 ppbv	96
51)	1,2-Dibromoethane(EDB)	10.223	107	4663	0.099 ppbv	91
52)	Tetrachloroethene	10.466	166	4474	0.105 ppbv	95
54)	1,1,1,2-Tetrachloroethane	10.831	131	3814	0.115 ppbv	91
55)	Chlorobenzene	10.851	112	6403	0.112 ppbv#	32
56)	Ethylbenzene	11.036	91	10798	0.111 ppbv	98
57)	m,p-Xylene	11.128	91	17153	0.234 ppbv	96
58)	Bromoform	11.210	173	4482	0.091 ppbv	97
59)	Styrene	11.333	104	6082	0.109 ppbv	94
60)	1,1,2,2-Tetrachloroethane	11.395	83	6445	0.117 ppbv	96
61)	o-Xylene	11.395	91	9050	0.117 ppbv	99
64)	Isopropylbenzene	11.723	105	11846	0.108 ppbv	97
66)	4-Ethyltoluene	12.092	105	13178	0.120 ppbv	98
67)	1,3,5-Trimethylbenzene	12.133	105	10390	0.122 ppbv	96
68)	1,2,4-Trimethylbenzene	12.379	105	11113	0.122 ppbv	93
70)	Benzyl chloride	12.482	91	7205	0.102 ppbv	97
71)	1,3-Dichlorobenzene	12.492	146	7454	0.120 ppbv	96
72)	1,4-Dichlorobenzene	12.533	146	6706	0.114 ppbv	93
73)	sec-Butylbenzene	12.543	105	15125	0.118 ppbv	99
74)	4-Isopropyltoluene	12.636	119	14831	0.119 ppbv	97
75)	1,2-Dichlorobenzene	12.749	146	6459	0.111 ppbv	88
76)	n-Butylbenzene	12.903	91	12252	0.114 ppbv	95
77)	1,2,4-Trichlorobenzene	13.908	180	5251	0.106 ppbv	99
78)	Naphthalene	14.011	128	11054	0.106 ppbv#	99
79)	Hexachlorobutadiene	14.247	225	6938	0.124 ppbv	94
81]	1,2-Dichlorotetrafluor...	4.181	85	5825	0.105 ppbv#	90
82]	Vinyl Chloride(sim)	4.294	62	2458	0.104 ppbv	95
83]	Bromomethane(sim)	4.623	94	2416	0.109 ppbv#	88
84]	Trichlorofluoromethane...	5.329	101	6130	0.105 ppbv#	97
85]	1,2-Dichloroethane(sim)	7.747	62	3224	0.095 ppbv	92
86]	1,1,1-Trichloroethane(...	7.908	97	5287	0.104 ppbv#	97
87]	Benzene(sim)	8.179	78	7220	0.100 ppbv#	90
88]	Carbon Tetrachloride(sim)	8.275	117	5518	0.106 ppbv	95
89]	1,1-Dichloroethene(sim)	5.769	61	4018	0.106 ppbv	90
90]	Trichlorotrifluoroetha...	6.016	101	4956	0.106 ppbv#	94
91]	Trans-1,2-Dichloroethe...	6.454	61	3803	0.096 ppbv	95
92]	1,1-Dichloroethane(sim)	6.586	63	4742	0.105 ppbv	99
93]	Cis-1,2-Dichloroethene...	7.101	61	3419	0.100 ppbv	95
94]	Chloroform(sim)	7.283	83	4921	0.106 ppbv	95
96]	1,2-dichloropropane(sim)	8.660	63	3180	0.103 ppbv	86
97]	Bromodichloromethane(sim)	8.768	83	5140	0.101 ppbv	94
98]	Trichloroethene(sim)	8.796	130	3767	0.101 ppbv	94
99]	1,4-Dioxane(sim)	8.915	88	1359	0.103 ppbv#	93
100]	cis-1,3-Dichloropropen...	9.278	75	4322	0.103 ppbv	98
101]	1,1,2-Trichloroethane(...	9.680	97	2931	0.100 ppbv	92
102]	Dibromochloromethane(sim)	10.093	129	5538	0.104 ppbv	99
103]	1,2-Dibromoethane(EDB)...	10.223	107	4663	0.095 ppbv	91
104]	Tetrachloroethene(sim)	10.471	166	5008	0.104 ppbv	96
106]	Bromoform(sim)	11.216	173	5211	0.103 ppbv	98
107]	m,p-Xylene(sim)	11.128	91	17153	0.198 ppbv	96
108]	1,1,2,2-Tetrachloroeth...	11.400	83	6644	0.103 ppbv	99
111]	Benzyl chloride(sim)	12.482	91	7205	0.101 ppbv	97
112]	1,3-Dichlorobenzene(sim)	12.498	146	8025	0.096 ppbv	95
113]	1,4-Dichlorobenzene(sim)	12.533	146	6706	0.099 ppbv	93

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_08.D
Acq On : 13 Dec 2024 4:34 pm
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppb; TO1510D
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 09:46:56 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

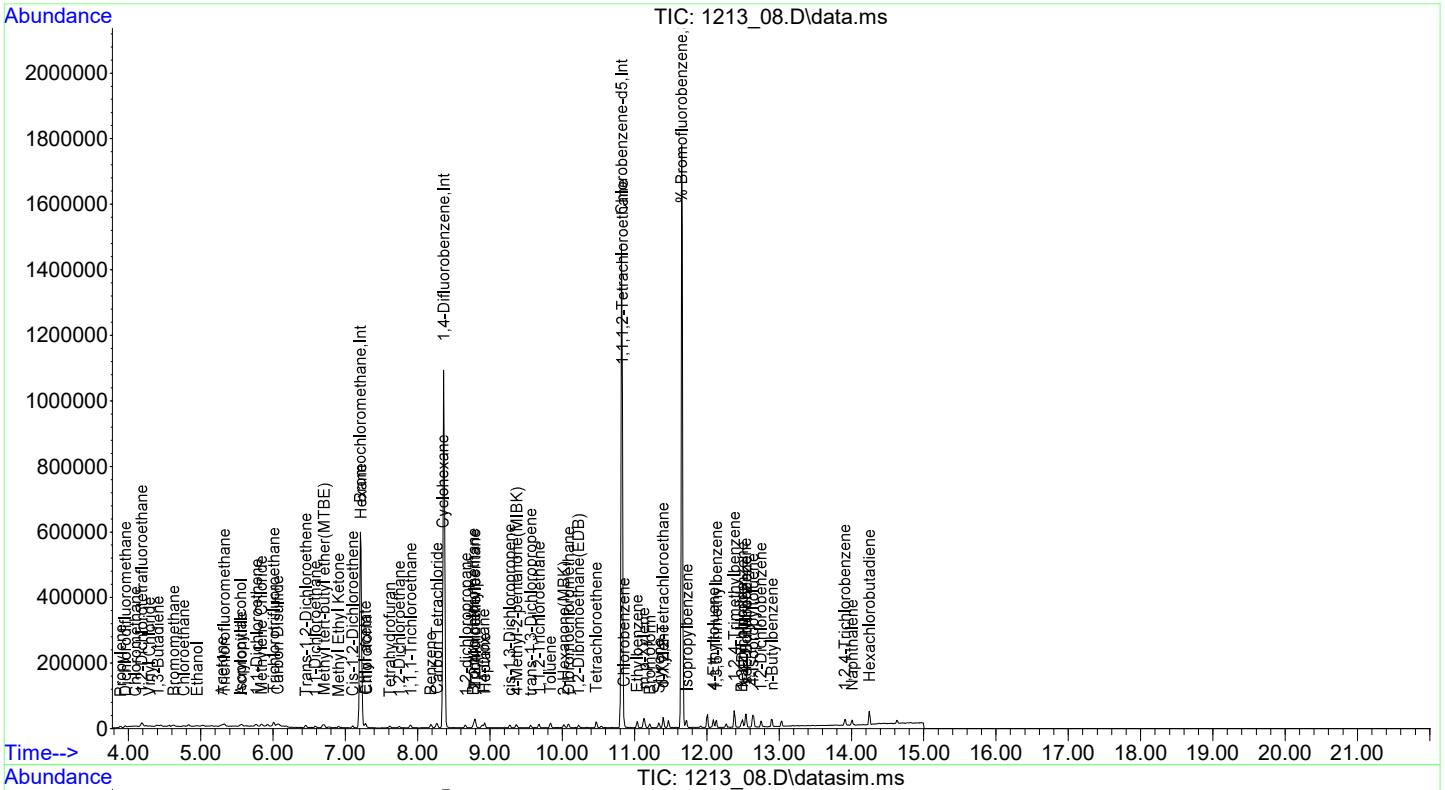
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	16953	0.104	ppbv	98
115] 4-Isopropyltoluene(sim)	12.636	119	14831	0.106	ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	7605	0.104	ppbv	96
117] n-Butylbenzene(sim)	12.903	91	12252	0.100	ppbv	95
118] 1,2,4-Trichlorobenzene...	13.914	180	5759	0.116	ppbv	98
119] Hexachlorobutadiene(sim)	14.247	225	6938	0.094	ppbv	94

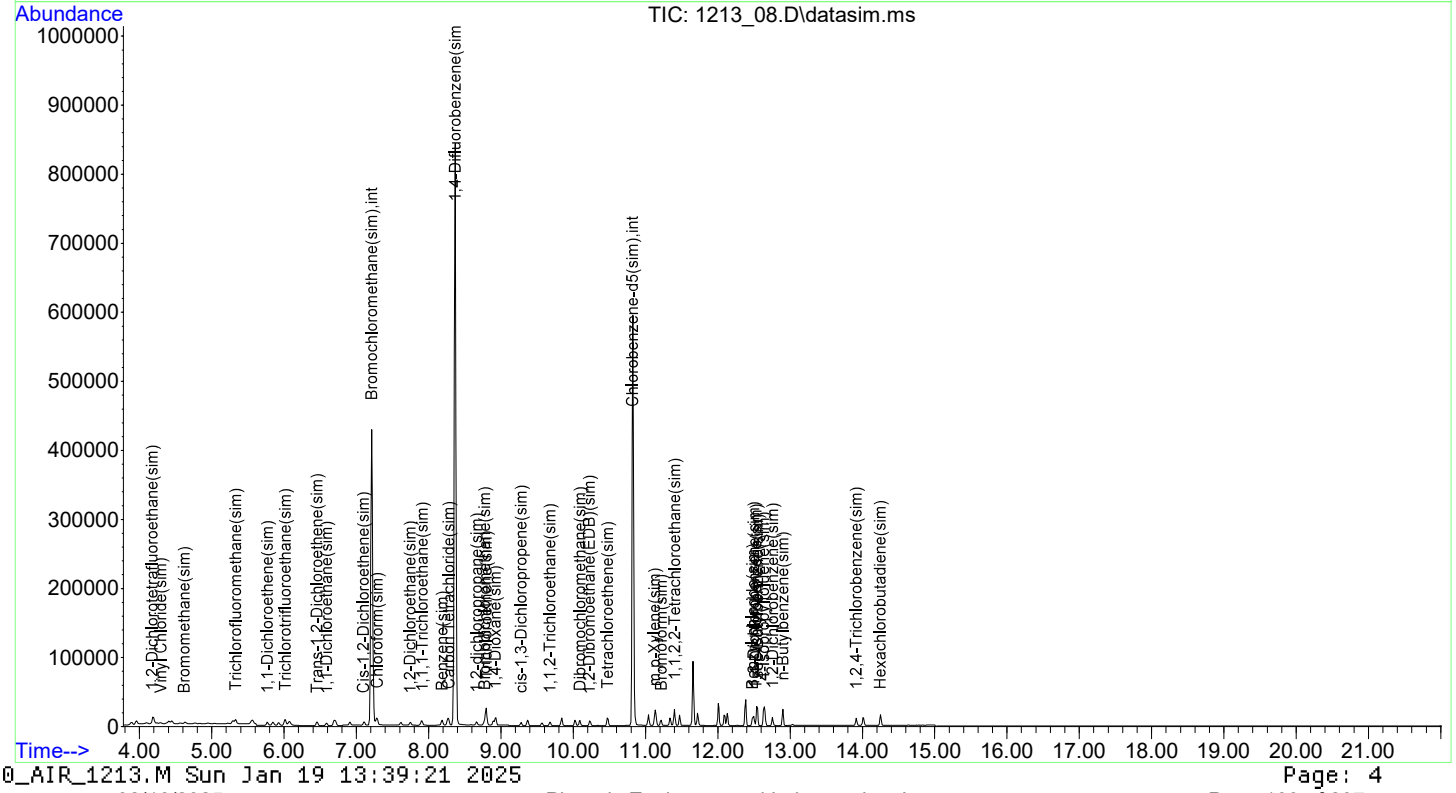
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_08.D
Acq On : 13 Dec 2024 4:34 pm
Operator :
Client ID : ICAL 0.1
Lab ID : 0.10 ppb; TO1510D
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 09:46:56 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_09.D
Acq On : 13 Dec 2024 5:05 pm
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppb; TO1510D
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 15 09:47:08 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.205	130	199608	10.000	ng	0.00
36) 1,4-Difluorobenzene	8.360	114	734617	10.000	ng	0.00
53) Chlorobenzene-d5	10.821	82	374980	10.000	ng	0.00
80) Bromochloromethane(sim)	7.211	130	213109	10.000	ng	#-0.01
95) 1,4-Difluorobenzene(sim)	8.360	114	734617	10.000	ng	0.00
105) Chlorobenzene-d5(sim)	10.821	82	374980	10.000	ng	0.00
System Monitoring Compounds						
62) % Bromofluorobenzene	11.651	95	517134	9.840	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.40%			
Target Compounds						Qvalue
2) Propylene	3.890	41	6297	0.318	ppbv	87
3) Dichlorodifluoromethane	3.954	85	10749	0.203	ppbv	93
4) Chloromethane	4.105	50	4605	0.234	ppbv	97
5) 1,2-Dichlorotetrafluor...	4.181	85	10616	0.207	ppbv	93
6) Vinyl Chloride	4.289	62	4564	0.215	ppbv	84
7) 1,3-Butadiene	4.396	54	3674	0.213	ppbv	91
8) Bromomethane	4.623	94	4412	0.217	ppbv	96
9) Chloroethane	4.763	64	2120	0.212	ppbv	85
11) Ethanol	4.946	45	2954	0.304	ppbv#	85
12) Acetone	5.291	43	8796	0.254	ppbv#	73
13) Trichlorofluoromethane	5.323	101	11255	0.207	ppbv	97
14) Isopropylalcohol	5.550	45	10661	0.237	ppbv#	86
15) Acrylonitrile	5.560	53	4690	0.258	ppbv	88
16) 1,1-Dichloroethene	5.761	61	7456	0.207	ppbv	93
17) Methylene Chloride	5.838	49	6581	0.247	ppbv	94
20) Carbon Disulfide	6.063	76	12001	0.221	ppbv#	91
21) Trichlorotrifluoroethane	6.011	101	9135	0.216	ppbv	92
22) Trans-1,2-Dichloroethene	6.454	61	7330	0.215	ppbv	91
23) 1,1-Dichloroethane	6.588	63	8296	0.210	ppbv	97
24) Methyl tert-butyl ethe...	6.707	73	11806	0.214	ppbv	90
25) Methyl Ethyl Ketone	6.903	43	10458	0.221	ppbv#	98
26) Cis-1,2-Dichloroethene	7.101	61	6674	0.209	ppbv	90
27) Hexane	7.215	57	7267	0.210	ppbv#	87
28) Chloroform	7.278	83	9061	0.214	ppbv	97
29) Ethyl acetate	7.278	61	1347	0.186	ppbv#	85
30) Tetrahydrofuran	7.611	42	5186	0.223	ppbv	100
31) 1,2-Dichloroethane	7.747	62	6515	0.204	ppbv	91
32) 1,1,1-Trichloroethane	7.903	97	9204	0.202	ppbv	98
33) Benzene	8.179	78	12638	0.202	ppbv	92
34) Carbon Tetrachloride	8.270	117	9886	0.203	ppbv	99
35) Cyclohexane	8.349	84	5238	0.220	ppbv#	57
37) 1,2-dichloropropane	8.666	63	5724	0.207	ppbv#	83
38) Bromodichloromethane	8.768	83	9426	0.196	ppbv	96
39) Trichloroethene	8.790	130	6616	0.218	ppbv	96
40) 2,2,4-trimethylpentane	8.790	57	22552	0.209	ppbv	94
41) 1,4-Dioxane	8.903	88	2237	0.174	ppbv#	89
43) Heptane	8.926	43	11197	0.243	ppbv#	86
44) cis-1,3-Dichloropropene	9.272	75	7422	0.188	ppbv	97
45) 4-Methyl-2-pentanone(M...	9.369	43	12381	0.216	ppbv#	91
46) trans-1,3-Dichloropropene	9.563	75	6104	0.188	ppbv	96
47) 1,1,2-Trichloroethane	9.680	97	5404	0.198	ppbv	92
48) Toluene	9.835	91	16704	0.210	ppbv	97

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_09.D
Acq On : 13 Dec 2024 5:05 pm
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppb; TO1510D
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 15 09:47:08 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.087	129	10251	0.192	ppbv	94
50)	2-Hexanone(MBK)	10.019	43	12257	0.217	ppbv#	90
51)	1,2-Dibromoethane(EDB)	10.223	107	8913	0.193	ppbv	98
52)	Tetrachloroethene	10.466	166	8264	0.197	ppbv	92
54)	1,1,1,2-Tetrachloroethane	10.831	131	6601	0.201	ppbv	97
55)	Chlorobenzene	10.851	112	11886	0.210	ppbv#	68
56)	Ethylbenzene	11.036	91	20690	0.215	ppbv	97
57)	m,p-Xylene	11.128	91	32321	0.445	ppbv	98
58)	Bromoform	11.210	173	9243	0.189	ppbv	96
59)	Styrene	11.333	104	11611	0.210	ppbv	97
60)	1,1,2,2-Tetrachloroethane	11.395	83	11896	0.218	ppbv	98
61)	o-Xylene	11.395	91	16974	0.222	ppbv	99
64)	Isopropylbenzene	11.723	105	22735	0.210	ppbv	98
66)	4-Ethyltoluene	12.092	105	24596	0.226	ppbv	97
67)	1,3,5-Trimethylbenzene	12.133	105	19350	0.229	ppbv	95
68)	1,2,4-Trimethylbenzene	12.379	105	19977	0.221	ppbv	95
70)	Benzyl chloride	12.482	91	13068	0.186	ppbv	95
71)	1,3-Dichlorobenzene	12.492	146	13346	0.217	ppbv	91
72)	1,4-Dichlorobenzene	12.533	146	12335	0.212	ppbv	95
73)	sec-Butylbenzene	12.543	105	29994	0.237	ppbv	98
74)	4-Isopropyltoluene	12.636	119	28590	0.233	ppbv	97
75)	1,2-Dichlorobenzene	12.749	146	12003	0.208	ppbv#	87
76)	n-Butylbenzene	12.892	91	23373	0.219	ppbv	95
77)	1,2,4-Trichlorobenzene	13.908	180	8681	0.177	ppbv	98
78)	Naphthalene	14.011	128	20291	0.196	ppbv#	99
79)	Hexachlorobutadiene	14.247	225	12680	0.228	ppbv	97
81]	1,2-Dichlorotetrafluor...	4.181	85	10615	0.193	ppbv	93
82]	Vinyl Chloride(sim)	4.294	62	4693	0.201	ppbv	98
83]	Bromomethane(sim)	4.623	94	4412	0.202	ppbv	96
84]	Trichlorofluoromethane...	5.329	101	11816	0.205	ppbv#	97
85]	1,2-Dichloroethane(sim)	7.747	62	6515	0.194	ppbv	91
86]	1,1,1-Trichloroethane(...	7.908	97	10233	0.204	ppbv#	97
87]	Benzene(sim)	8.179	78	12638	0.178	ppbv	91
88]	Carbon Tetrachloride(sim)	8.275	117	10543	0.206	ppbv	96
89]	1,1-Dichloroethene(sim)	5.761	61	7456	0.200	ppbv	93
90]	Trichlorotrifluoroetha...	6.016	101	9445	0.205	ppbv#	94
91]	Trans-1,2-Dichloroethe...	6.454	61	7330	0.187	ppbv	91
92]	1,1-Dichloroethane(sim)	6.586	63	9046	0.204	ppbv	98
93]	Cis-1,2-Dichloroethene...	7.101	61	6674	0.197	ppbv	90
94]	Chloroform(sim)	7.284	83	9356	0.204	ppbv	98
96]	1,2-dichloropropane(sim)	8.660	63	6053	0.199	ppbv	85
97]	Bromodichloromethane(sim)	8.768	83	9426	0.188	ppbv	96
98]	Trichloroethene(sim)	8.796	130	6853	0.187	ppbv	95
99]	1,4-Dioxane(sim)	8.903	88	2237	0.173	ppbv#	89
100]	cis-1,3-Dichloropropen...	9.278	75	8342	0.202	ppbv	98
101]	1,1,2-Trichloroethane(...	9.680	97	5404	0.188	ppbv	88
102]	Dibromochloromethane(sim)	10.093	129	10686	0.205	ppbv	99
103]	1,2-Dibromoethane(EDB)...	10.223	107	8913	0.186	ppbv	98
104]	Tetrachloroethene(sim)	10.471	166	9488	0.200	ppbv	96
106]	Bromoform(sim)	11.216	173	10232	0.204	ppbv	98
107]	m,p-Xylene(sim)	11.128	91	32321	0.377	ppbv	98
108]	1,1,2,2-Tetrachloroeth...	11.400	83	12622	0.197	ppbv	99
111]	Benzyl chloride(sim)	12.482	91	13068	0.185	ppbv	95
112]	1,3-Dichlorobenzene(sim)	12.498	146	15081	0.183	ppbv	96
113]	1,4-Dichlorobenzene(sim)	12.533	146	12335	0.184	ppbv	95

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_09.D
Acq On : 13 Dec 2024 5:05 pm
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppb; TO1510D
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 15 09:47:08 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

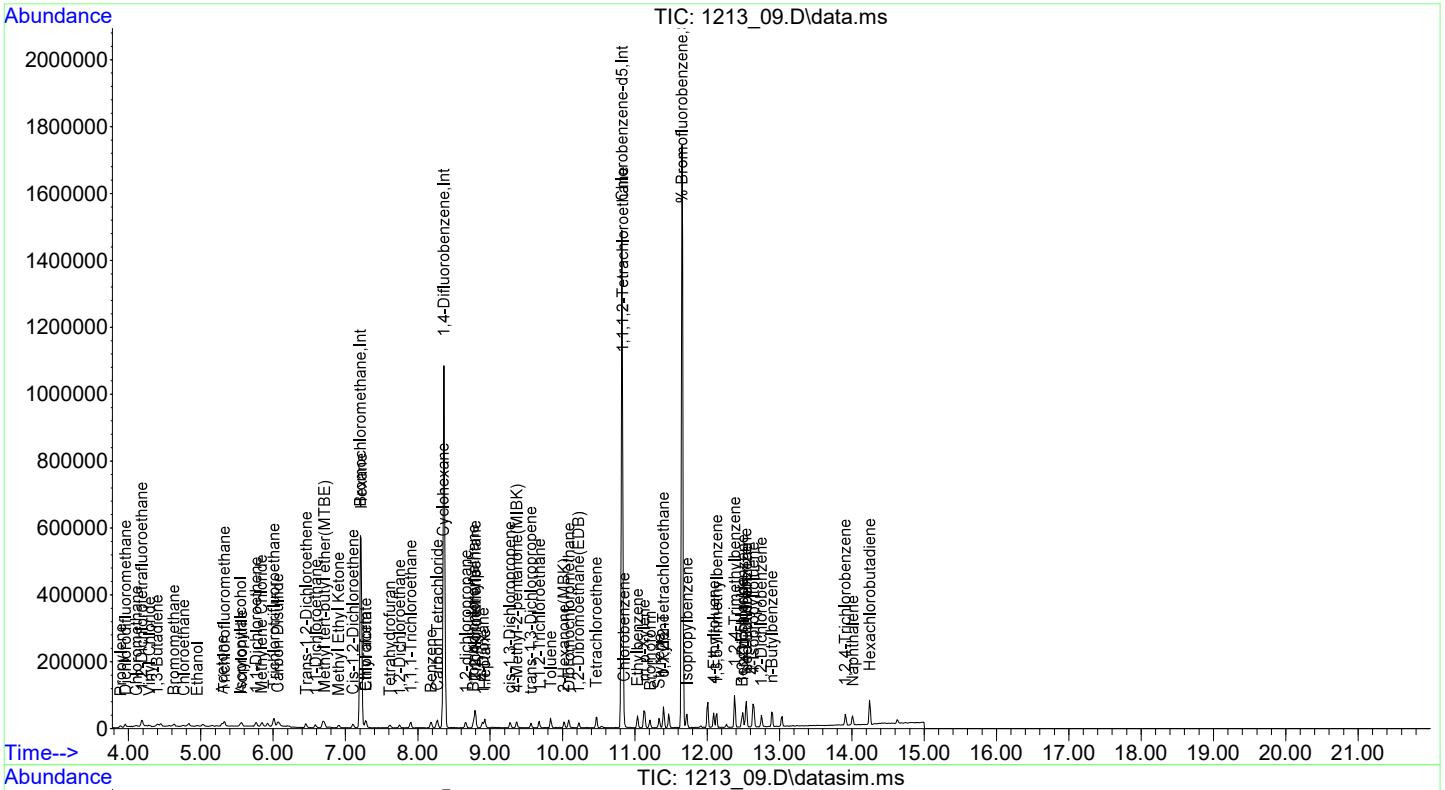
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	31985	0.197 ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	28590	0.206 ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	14127	0.195 ppbv	96
117] n-Butylbenzene(sim)	12.892	91	23373	0.192 ppbv	95
118] 1,2,4-Trichlorobenzene...	13.914	180	10382	0.203 ppbv	98
119] Hexachlorobutadiene(sim)	14.247	225	12680	0.176 ppbv	97

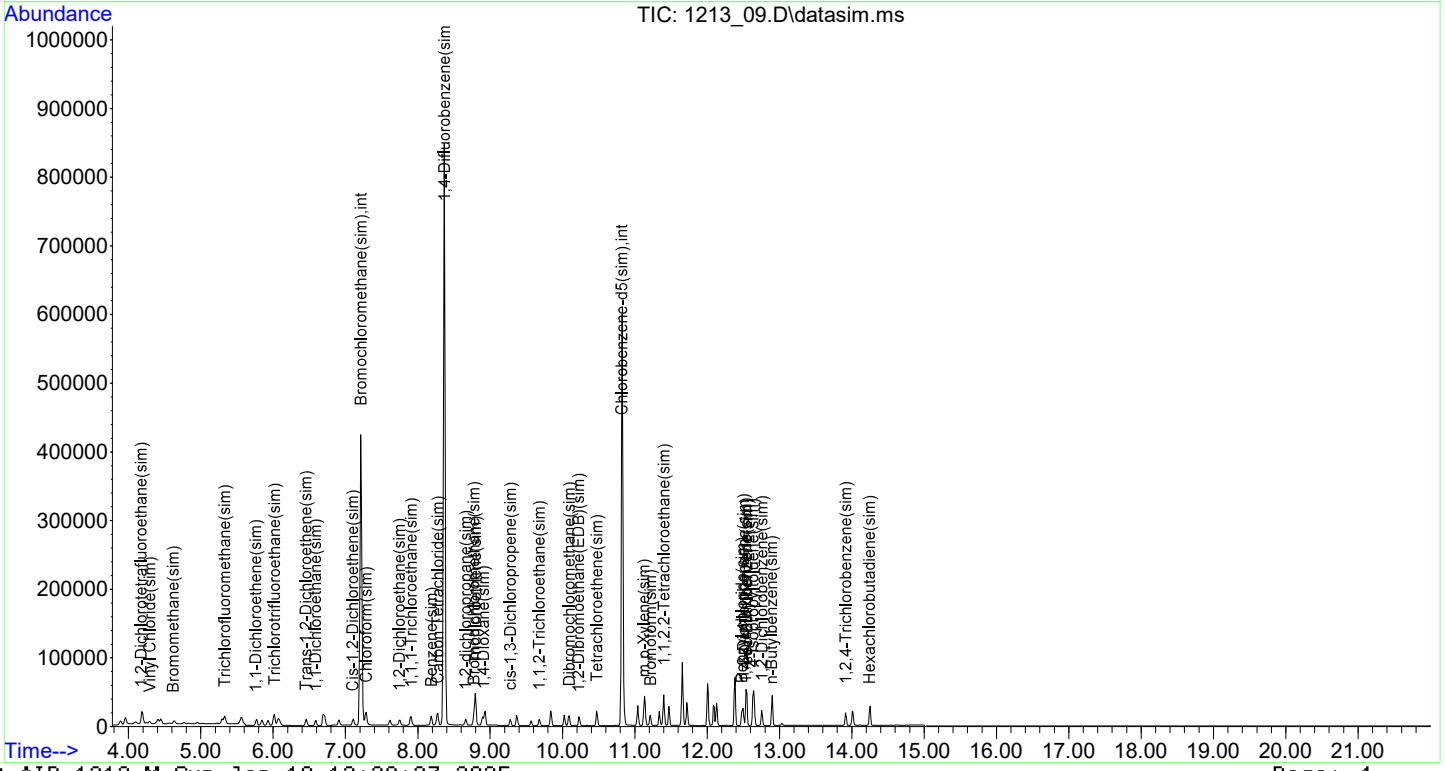
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_09.D
Acq On : 13 Dec 2024 5:05 pm
Operator :
Client ID : ICAL 0.2
Lab ID : 0.20 ppb; TO1510D
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 15 09:47:08 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_10.D
Acq On : 13 Dec 2024 5:39 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.50 ppb; TO1510D
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 15 09:47:19 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.205	130	197119	10.000	ng	0.00
36) 1,4-Difluorobenzene	8.360	114	726789	10.000	ng	0.00
53) Chlorobenzene-d5	10.821	82	368834	10.000	ng	0.00
80) Bromochloromethane(sim)	7.211	130	210769	10.000	ng	#-0.01
95) 1,4-Difluorobenzene(sim)	8.360	114	726792	10.000	ng	0.00
105) Chlorobenzene-d5(sim)	10.821	82	368834	10.000	ng	0.00
System Monitoring Compounds						
62) % Bromofluorobenzene	11.651	95	511376	9.892	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.90%		
Target Compounds						Qvalue
2) Propylene	3.890	41	10825	0.553	ppbv	94
3) Dichlorodifluoromethane	3.955	85	25906	0.496	ppbv	96
4) Chloromethane	4.095	50	9976	0.513	ppbv	99
5) 1,2-Dichlorotetrafluor...	4.181	85	25459	0.502	ppbv	96
6) Vinyl Chloride	4.289	62	10442	0.498	ppbv	94
7) 1,3-Butadiene	4.407	54	9173	0.538	ppbv	98
8) Bromomethane	4.623	94	10385	0.518	ppbv	99
9) Chloroethane	4.763	64	5520	0.560	ppbv	84
11) Ethanol	4.946	45	5414	0.563	ppbv#	78
12) Acetone	5.291	43	18120	0.529	ppbv#	82
13) Trichlorofluoromethane	5.323	101	27348	0.508	ppbv	98
14) Isopropylalcohol	5.550	45	23360	0.526	ppbv	99
15) Acrylonitrile	5.561	53	9519	0.530	ppbv	93
16) 1,1-Dichloroethene	5.761	61	18119	0.510	ppbv	97
17) Methylene Chloride	5.847	49	13996	0.532	ppbv	96
20) Carbon Disulfide	6.063	76	27682	0.516	ppbv	96
21) Trichlorotrifluoroethane	6.011	101	21960	0.526	ppbv	93
22) Trans-1,2-Dichloroethene	6.455	61	16628	0.495	ppbv	96
23) 1,1-Dichloroethane	6.581	63	19639	0.504	ppbv	97
24) Methyl tert-butyl ethe...	6.707	73	27000	0.496	ppbv	95
25) Methyl Ethyl Ketone	6.903	43	24494	0.524	ppbv	99
26) Cis-1,2-Dichloroethene	7.101	61	15739	0.499	ppbv	90
27) Hexane	7.216	57	17323	0.507	ppbv#	84
28) Chloroform	7.289	83	20780	0.497	ppbv	95
29) Ethyl acetate	7.278	61	3593	0.502	ppbv	92
30) Tetrahydrofuran	7.611	42	11846	0.515	ppbv	95
31) 1,2-Dichloroethane	7.747	62	15553	0.492	ppbv	97
32) 1,1,1-Trichloroethane	7.903	97	22488	0.500	ppbv	99
33) Benzene	8.179	78	30473	0.493	ppbv	93
34) Carbon Tetrachloride	8.270	117	23805	0.494	ppbv	99
35) Cyclohexane	8.349	84	12244	0.521	ppbv#	84
37) 1,2-dichloropropane	8.666	63	12988	0.475	ppbv	86
38) Bromodichloromethane	8.768	83	23398	0.491	ppbv	95
39) Trichloroethene	8.790	130	15230	0.507	ppbv	98
40) 2,2,4-trimethylpentane	8.790	57	55149	0.516	ppbv#	91
41) 1,4-Dioxane	8.904	88	5854	0.460	ppbv	90
43) Heptane	8.926	43	25008	0.549	ppbv#	88
44) cis-1,3-Dichloropropene	9.272	75	18316	0.468	ppbv	98
45) 4-Methyl-2-pentanone(M...	9.360	43	28674	0.506	ppbv#	93
46) trans-1,3-Dichloropropene	9.563	75	15274	0.475	ppbv	99
47) 1,1,2-Trichloroethane	9.680	97	13392	0.497	ppbv	94
48) Toluene	9.835	91	39076	0.497	ppbv	97

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_10.D
Acq On : 13 Dec 2024 5:39 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.50 ppb; TO1510D
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 15 09:47:19 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.088	129	25090	0.475	ppbv	95
50)	2-Hexanone(MBK)	10.020	43	28162	0.505	ppbv#	87
51)	1,2-Dibromoethane(EDB)	10.223	107	22051	0.482	ppbv	95
52)	Tetrachloroethene	10.476	166	20223	0.488	ppbv	92
54)	1,1,1,2-Tetrachloroethane	10.831	131	16825	0.521	ppbv	95
55)	Chlorobenzene	10.852	112	28775	0.516	ppbv	93
56)	Ethylbenzene	11.036	91	49673	0.525	ppbv	97
57)	m,p-Xylene	11.128	91	78665	1.101	ppbv	99
58)	Bromoform	11.210	173	23944	0.497	ppbv	99
59)	Styrene	11.333	104	27879	0.513	ppbv	94
60)	1,1,2,2-Tetrachloroethane	11.395	83	28834	0.536	ppbv	99
61)	o-Xylene	11.395	91	41119	0.546	ppbv	97
64)	Isopropylbenzene	11.723	105	54485	0.511	ppbv	98
66)	4-Ethyltoluene	12.092	105	58292	0.545	ppbv	98
67)	1,3,5-Trimethylbenzene	12.133	105	45710	0.551	ppbv	97
68)	1,2,4-Trimethylbenzene	12.379	105	48580	0.548	ppbv	95
70)	Benzyl chloride	12.482	91	32328	0.469	ppbv	98
71)	1,3-Dichlorobenzene	12.492	146	31507	0.521	ppbv	96
72)	1,4-Dichlorobenzene	12.533	146	31170	0.544	ppbv	97
73)	sec-Butylbenzene	12.544	105	69857	0.560	ppbv	99
74)	4-Isopropyltoluene	12.636	119	67034	0.554	ppbv	97
75)	1,2-Dichlorobenzene	12.749	146	30814	0.543	ppbv	97
76)	n-Butylbenzene	12.893	91	55092	0.525	ppbv	98
77)	1,2,4-Trichlorobenzene	13.908	180	21418	0.443	ppbv	97
78)	Naphthalene	14.011	128	47308	0.466	ppbv#	99
79)	Hexachlorobutadiene	14.247	225	30698	0.562	ppbv	98
81]	1,2-Dichlorotetrafluor...	4.181	85	25458	0.469	ppbv	96
82]	Vinyl Chloride(sim)	4.294	62	11310	0.489	ppbv	100
83]	Bromomethane(sim)	4.623	94	10385	0.481	ppbv	99
84]	Trichlorofluoromethane...	5.329	101	28750	0.504	ppbv#	96
85]	1,2-Dichloroethane(sim)	7.747	62	15553	0.468	ppbv	97
86]	1,1,1-Trichloroethane(...	7.909	97	24656	0.498	ppbv#	97
87]	Benzene(sim)	8.179	78	30473	0.433	ppbv	92
88]	Carbon Tetrachloride(sim)	8.275	117	25231	0.498	ppbv	97
89]	1,1-Dichloroethene(sim)	5.761	61	18119	0.491	ppbv	97
90]	Trichlorotrifluoroetha...	6.017	101	22725	0.498	ppbv#	95
91]	Trans-1,2-Dichloroethe...	6.455	61	16628	0.428	ppbv	96
92]	1,1-Dichloroethane(sim)	6.586	63	21768	0.496	ppbv	98
93]	Cis-1,2-Dichloroethene...	7.101	61	15739	0.471	ppbv	90
94]	Chloroform(sim)	7.284	83	22574	0.498	ppbv	97
96]	1,2-dichloropropane(sim)	8.660	63	14638	0.486	ppbv	86
97]	Bromodichloromethane(sim)	8.768	83	23398	0.472	ppbv	95
98]	Trichloroethene(sim)	8.796	130	16300	0.448	ppbv	95
99]	1,4-Dioxane(sim)	8.904	88	5854	0.456	ppbv	90
100]	cis-1,3-Dichloropropen...	9.278	75	20384	0.499	ppbv	98
101]	1,1,2-Trichloroethane(...	9.680	97	13392	0.470	ppbv	90
102]	Dibromochloromethane(sim)	10.093	129	26641	0.516	ppbv	100
103]	1,2-Dibromoethane(EDB)...	10.223	107	22051	0.464	ppbv	94
104]	Tetrachloroethene(sim)	10.472	166	22960	0.490	ppbv	96
106]	Bromoform(sim)	11.216	173	25961	0.526	ppbv	98
107]	m,p-Xylene(sim)	11.128	91	78665	0.933	ppbv	99
108]	1,1,2,2-Tetrachloroeth...	11.400	83	30687	0.488	ppbv	100
111]	Benzyl chloride(sim)	12.482	91	32328	0.466	ppbv	98
112]	1,3-Dichlorobenzene(sim)	12.498	146	36863	0.455	ppbv	97
113]	1,4-Dichlorobenzene(sim)	12.533	146	31170	0.474	ppbv	97

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_10.D
Acq On : 13 Dec 2024 5:39 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.50 ppb; TO1510D
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 15 09:47:19 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

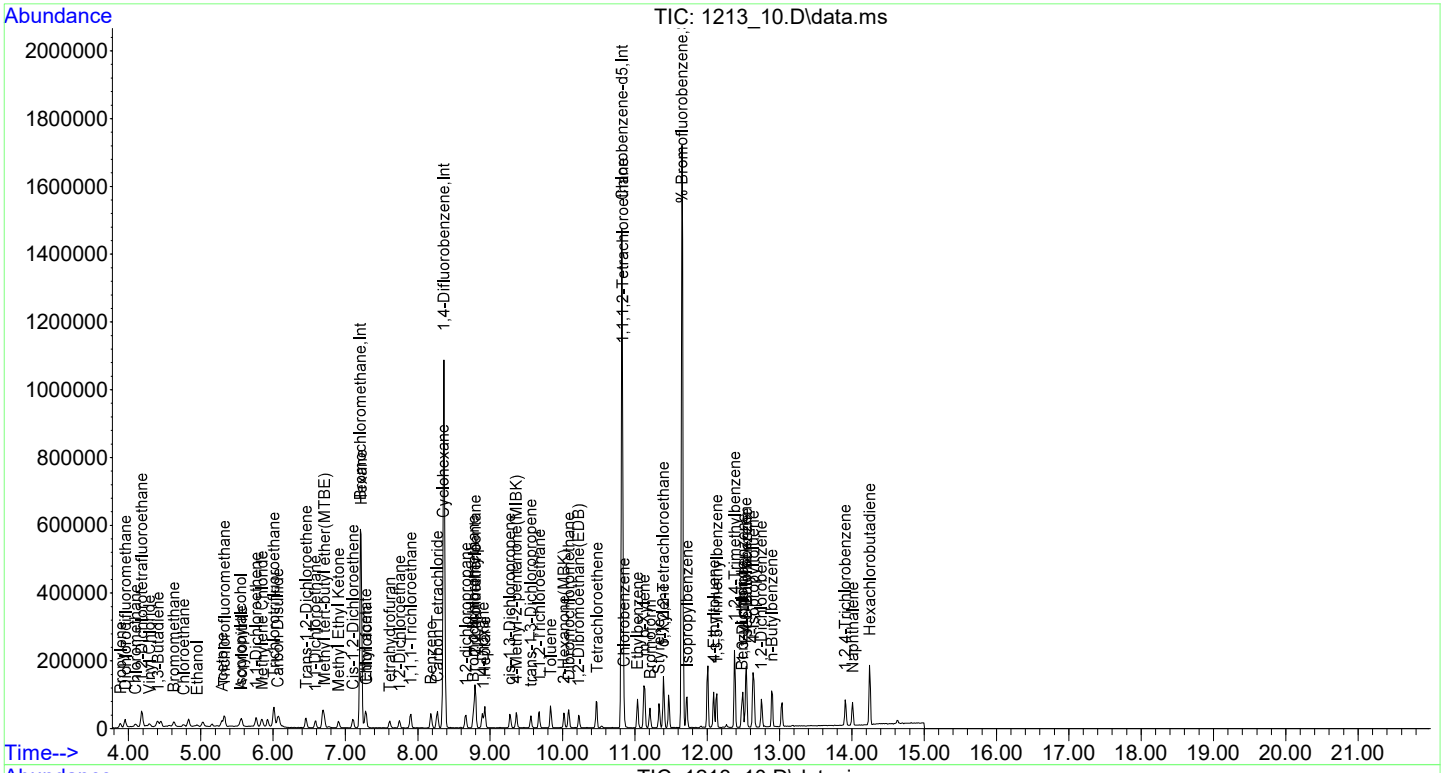
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	76381	0.479	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	67034	0.491	ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	33858	0.474	ppbv	96
117] n-Butylbenzene(sim)	12.893	91	55092	0.460	ppbv	98
118] 1,2,4-Trichlorobenzene...	13.914	180	24660	0.443	ppbv	98
119] Hexachlorobutadiene(sim)	14.247	225	30698	0.446	ppbv	98

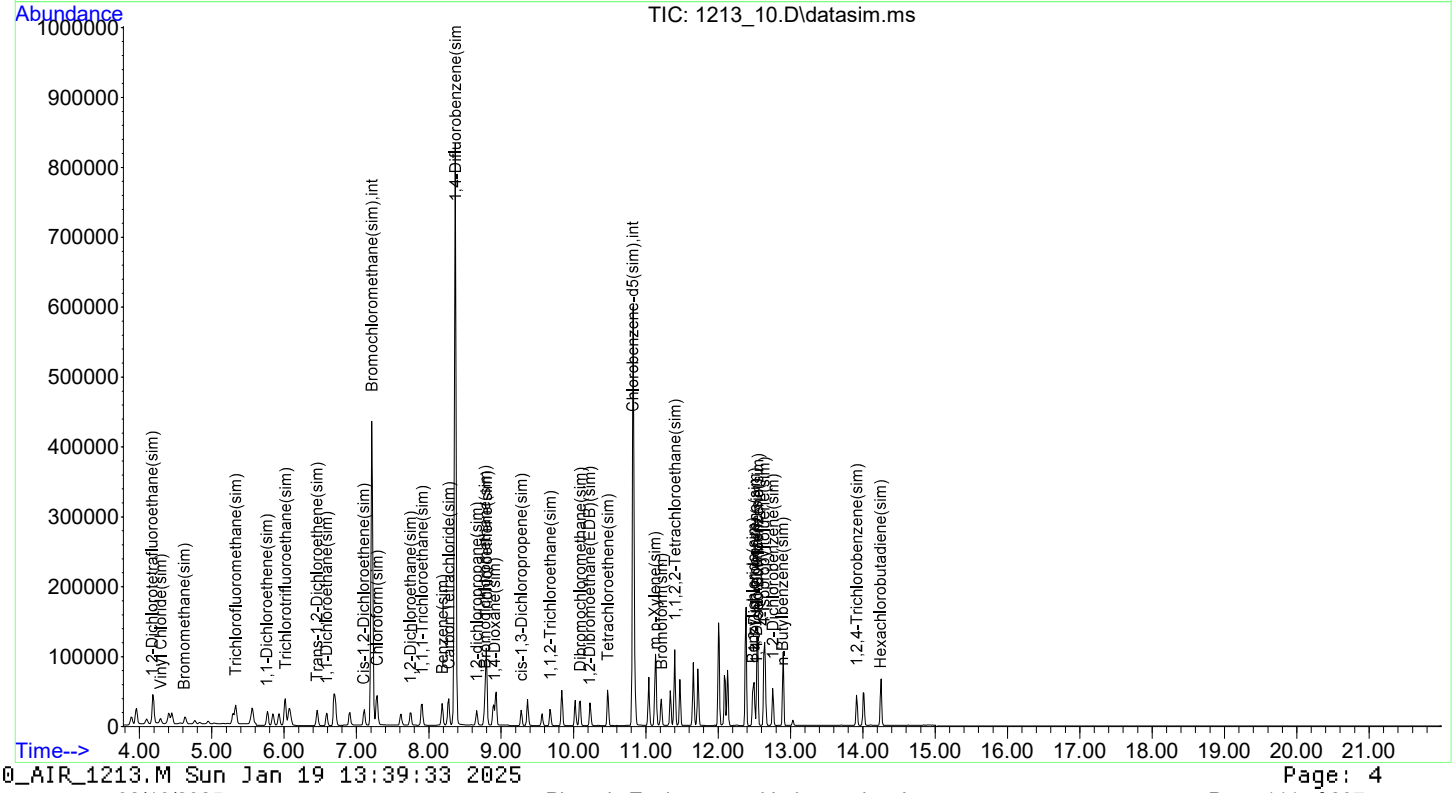
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_10.D
Acq On : 13 Dec 2024 5:39 pm
Operator :
Client ID : ICAL 0.5
Lab ID : 0.50 ppb; TO1510D
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 15 09:47:19 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_11.D
Acq On : 13 Dec 2024 6:12 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppb; TO1510C
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 15 09:47:29 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.205	130	193319	10.000	ng	0.00
36) 1,4-Difluorobenzene	8.360	114	707455	10.000	ng	0.00
53) Chlorobenzene-d5	10.821	82	368171	10.000	ng	0.00
80) Bromochloromethane(sim)	7.211	130	205654	10.000	ng	#-0.01
95) 1,4-Difluorobenzene(sim)	8.360	114	707455	10.000	ng	0.00
105) Chlorobenzene-d5(sim)	10.821	82	368171	10.000	ng	0.00
System Monitoring Compounds						
62) % Bromofluorobenzene	11.651	95	495187	9.596	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.00%		
Target Compounds						Qvalue
2) Propylene	3.879	41	40705	2.121	ppbv	96
3) Dichlorodifluoromethane	3.954	85	120394	2.349	ppbv	97
4) Chloromethane	4.095	50	44417	2.327	ppbv	98
5) 1,2-Dichlorotetrafluor...	4.181	85	121866	2.451	ppbv	93
6) Vinyl Chloride	4.289	62	48916	2.380	ppbv	98
7) 1,3-Butadiene	4.407	54	39941	2.387	ppbv	98
8) Bromomethane	4.623	94	46752	2.379	ppbv#	98
9) Chloroethane	4.763	64	22506	2.328	ppbv	91
11) Ethanol	4.935	45	21508	2.282	ppbv#	73
12) Acetone	5.280	43	77671	2.312	ppbv#	86
13) Trichlorofluoromethane	5.323	101	127913	2.425	ppbv	99
14) Isopropylalcohol	5.539	45	103743	2.381	ppbv	96
15) Acrylonitrile	5.560	53	41882	2.376	ppbv#	85
16) 1,1-Dichloroethene	5.761	61	84142	2.415	ppbv	97
17) Methylene Chloride	5.838	49	61673	2.390	ppbv	97
20) Carbon Disulfide	6.063	76	127799	2.427	ppbv	99
21) Trichlorotrifluoroethane	6.011	101	100295	2.450	ppbv	93
22) Trans-1,2-Dichloroethene	6.455	61	78933	2.395	ppbv	95
23) 1,1-Dichloroethane	6.581	63	91490	2.396	ppbv	98
24) Methyl tert-butyl ethe...	6.691	73	135292	2.535	ppbv	96
25) Methyl Ethyl Ketone	6.893	43	105261	2.298	ppbv#	96
26) Cis-1,2-Dichloroethene	7.101	61	73925	2.388	ppbv	89
27) Hexane	7.215	57	79388	2.371	ppbv#	77
28) Chloroform	7.288	83	98529	2.402	ppbv	96
29) Ethyl acetate	7.268	61	16635	2.370	ppbv	94
30) Tetrahydrofuran	7.601	42	52643	2.333	ppbv	96
31) 1,2-Dichloroethane	7.747	62	75308	2.431	ppbv	94
32) 1,1,1-Trichloroethane	7.903	97	106019	2.405	ppbv	98
33) Benzene	8.179	78	142273	2.345	ppbv	92
34) Carbon Tetrachloride	8.270	117	112190	2.375	ppbv	97
35) Cyclohexane	8.349	84	55032	2.388	ppbv	96
37) 1,2-dichloropropane	8.666	63	62560	2.350	ppbv#	80
38) Bromodichloromethane	8.768	83	109822	2.368	ppbv	94
39) Trichloroethene	8.790	130	68563	2.345	ppbv	100
40) 2,2,4-trimethylpentane	8.790	57	253059	2.433	ppbv#	91
41) 1,4-Dioxane	8.881	88	31700	2.557	ppbv	98
43) Heptane	8.926	43	111338	2.513	ppbv#	89
44) cis-1,3-Dichloropropene	9.272	75	92027	2.415	ppbv	96
45) 4-Methyl-2-pentanone(M...	9.350	43	133860	2.425	ppbv#	90
46) trans-1,3-Dichloropropene	9.563	75	74311	2.373	ppbv	99
47) 1,1,2-Trichloroethane	9.680	97	62834	2.397	ppbv	94
48) Toluene	9.835	91	181758	2.373	ppbv	97

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_11.D
Acq On : 13 Dec 2024 6:12 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppb; TO1510C
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 15 09:47:29 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.087	129	121662	2.368	ppbv	98
50)	2-Hexanone(MBK)	10.010	43	132859	2.446	ppbv#	86
51)	1,2-Dibromoethane(EDB)	10.223	107	107261	2.411	ppbv	93
52)	Tetrachloroethene	10.476	166	95388	2.364	ppbv	92
54)	1,1,1,2-Tetrachloroethane	10.831	131	80902	2.509	ppbv	98
55)	Chlorobenzene	10.852	112	140587	2.525	ppbv	88
56)	Ethylbenzene	11.036	91	234643	2.485	ppbv	96
57)	m,p-Xylene	11.128	91	361332	5.067	ppbv	98
58)	Bromoform	11.210	173	120080	2.497	ppbv	97
59)	Styrene	11.333	104	136858	2.524	ppbv	97
60)	1,1,2,2-Tetrachloroethane	11.395	83	136103	2.537	ppbv	99
61)	o-Xylene	11.395	91	185668	2.469	ppbv	98
64)	Isopropylbenzene	11.723	105	253050	2.379	ppbv	99
66)	4-Ethyltoluene	12.092	105	268714	2.516	ppbv	99
67)	1,3,5-Trimethylbenzene	12.133	105	206425	2.491	ppbv	99
68)	1,2,4-Trimethylbenzene	12.379	105	221982	2.507	ppbv	95
70)	Benzyl chloride	12.482	91	168139	2.444	ppbv	98
71)	1,3-Dichlorobenzene	12.492	146	148001	2.451	ppbv	92
72)	1,4-Dichlorobenzene	12.533	146	143684	2.513	ppbv	97
73)	sec-Butylbenzene	12.543	105	316880	2.545	ppbv	99
74)	4-Isopropyltoluene	12.636	119	304560	2.523	ppbv	97
75)	1,2-Dichlorobenzene	12.749	146	137674	2.429	ppbv	94
76)	n-Butylbenzene	12.903	91	266262	2.542	ppbv	96
77)	1,2,4-Trichlorobenzene	13.908	180	98950	2.050	ppbv	98
78)	Naphthalene	14.011	128	211043	2.081	ppbv#	99
79)	Hexachlorobutadiene	14.247	225	123494	2.266	ppbv	98
81]	1,2-Dichlorotetrafluor...	4.181	85	121720	2.298	ppbv	93
82]	Vinyl Chloride(sim)	4.294	62	53776	2.382	ppbv	100
83]	Bromomethane(sim)	4.623	94	46752	2.220	ppbv#	98
84]	Trichlorofluoromethane...	5.329	101	135239	2.430	ppbv#	97
85]	1,2-Dichloroethane(sim)	7.747	62	75309	2.324	ppbv	94
86]	1,1,1-Trichloroethane(...	7.909	97	115470	2.391	ppbv#	98
87]	Benzene(sim)	8.179	78	142273	2.071	ppbv	91
88]	Carbon Tetrachloride(sim)	8.275	117	119880	2.425	ppbv	97
89]	1,1-Dichloroethene(sim)	5.761	61	84142	2.338	ppbv	97
90]	Trichlorotrifluoroetha...	6.016	101	105492	2.369	ppbv#	95
91]	Trans-1,2-Dichloroethe...	6.455	61	78933	2.085	ppbv	95
92]	1,1-Dichloroethane(sim)	6.586	63	101842	2.377	ppbv	98
93]	Cis-1,2-Dichloroethene...	7.101	61	73925	2.266	ppbv	89
94]	Chloroform(sim)	7.284	83	105666	2.389	ppbv	97
96]	1,2-dichloropropane(sim)	8.660	63	69798	2.381	ppbv#	85
97]	Bromodichloromethane(sim)	8.768	83	109822	2.278	ppbv	94
98]	Trichloroethene(sim)	8.796	130	74685	2.111	ppbv	95
99]	1,4-Dioxane(sim)	8.881	88	31700	2.540	ppbv	98
100]	cis-1,3-Dichloropropen...	9.278	75	98170	2.467	ppbv	98
101]	1,1,2-Trichloroethane(...	9.680	97	62834	2.265	ppbv	90
102]	Dibromochloromethane(sim)	10.093	129	130088	2.587	ppbv	100
103]	1,2-Dibromoethane(EDB)...	10.223	107	107261	2.321	ppbv	93
104]	Tetrachloroethene(sim)	10.472	166	106213	2.327	ppbv	96
106]	Bromoform(sim)	11.216	173	130797	2.657	ppbv	98
107]	m,p-Xylene(sim)	11.128	91	362661	4.309	ppbv	99
108]	1,1,2,2-Tetrachloroeth...	11.400	83	141982	2.262	ppbv	99
111]	Benzyl chloride(sim)	12.482	91	168139	2.427	ppbv	98
112]	1,3-Dichlorobenzene(sim)	12.498	146	170560	2.109	ppbv	96
113]	1,4-Dichlorobenzene(sim)	12.533	146	143684	2.188	ppbv	97

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_11.D
Acq On : 13 Dec 2024 6:12 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppb; TO1510C
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 15 09:47:29 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

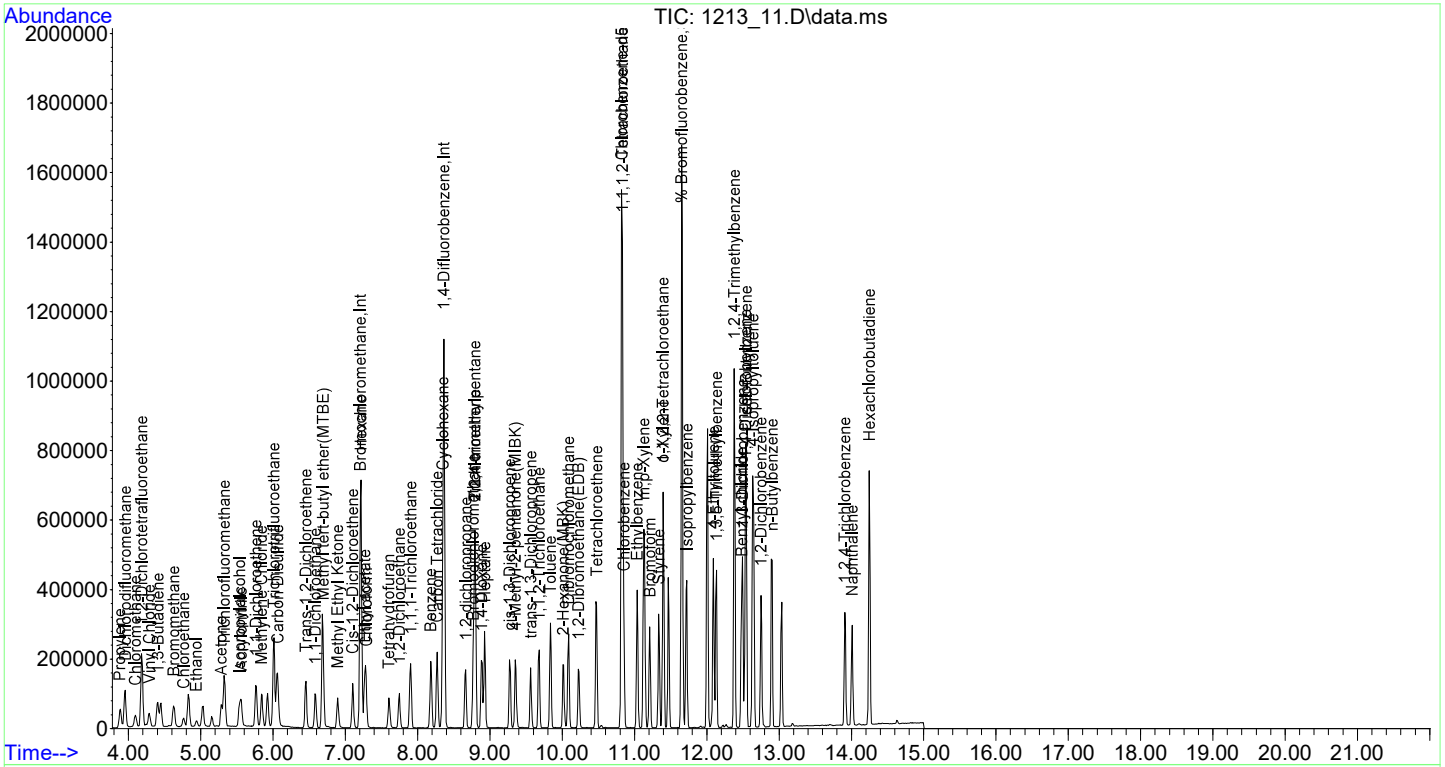
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	348450	2.189	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	304560	2.237	ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	155582	2.184	ppbv	96
117] n-Butylbenzene(sim)	12.903	91	266262	2.227	ppbv	96
118] 1,2,4-Trichlorobenzene...	13.914	180	110814	1.427	ppbv	98
119] Hexachlorobutadiene(sim)	14.247	225	123494	2.243	ppbv	97

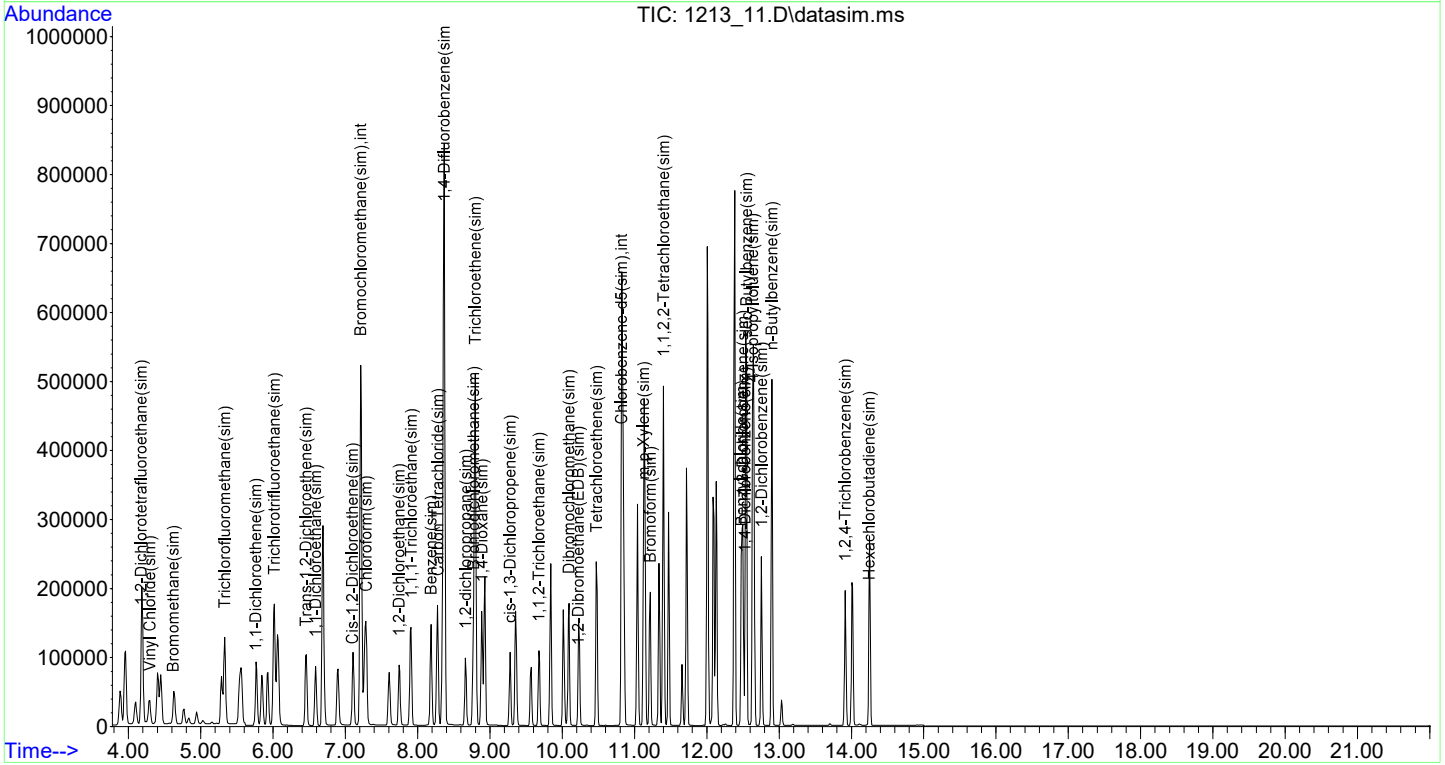
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_11.D
Acq On : 13 Dec 2024 6:12 pm
Operator :
Client ID : ICAL 2.5
Lab ID : 2.5 ppb; TO1510C
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 15 09:47:29 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_12.D
Acq On : 13 Dec 2024 6:43 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppb; TO1510B
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 15 09:47:40 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.205	130	180576	10.000	ng	0.00
36) 1,4-Difluorobenzene	8.360	114	661618	10.000	ng	0.00
53) Chlorobenzene-d5	10.821	82	351960	10.000	ng	0.00
80) Bromochloromethane(sim)	7.211	130	194723	10.000	ng	#-0.01
95) 1,4-Difluorobenzene(sim)	8.360	114	661621	10.000	ng	0.00
105) Chlorobenzene-d5(sim)	10.821	82	351960	10.000	ng	0.00
System Monitoring Compounds						
62) % Bromofluorobenzene	11.651	95	473708	9.603	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.00%		
Target Compounds						Qvalue
2) Propylene	3.879	41	83636	4.665	ppbv	95
3) Dichlorodifluoromethane	3.954	85	261094	5.454	ppbv	95
4) Chloromethane	4.095	50	93511	5.244	ppbv	98
5) 1,2-Dichlorotetrafluor...	4.181	85	255440	5.500	ppbv	93
6) Vinyl Chloride	4.289	62	102986	5.365	ppbv	99
7) 1,3-Butadiene	4.407	54	84000	5.375	ppbv	97
8) Bromomethane	4.623	94	97607	5.317	ppbv#	97
9) Chloroethane	4.763	64	46858	5.189	ppbv	91
11) Ethanol	4.935	45	40486	4.599	ppbv#	77
12) Acetone	5.280	43	161312	5.141	ppbv#	86
13) Trichlorofluoromethane	5.323	101	266367	5.405	ppbv	98
14) Isopropylalcohol	5.528	45	219291	5.388	ppbv	94
15) Acrylonitrile	5.560	53	84348	5.122	ppbv#	88
16) 1,1-Dichloroethene	5.761	61	174961	5.377	ppbv	98
17) Methylene Chloride	5.838	49	124344	5.158	ppbv	98
20) Carbon Disulfide	6.063	76	258559	5.257	ppbv	98
21) Trichlorotrifluoroethane	6.011	101	206805	5.409	ppbv	92
22) Trans-1,2-Dichloroethene	6.455	61	165086	5.363	ppbv	94
23) 1,1-Dichloroethane	6.581	63	190355	5.337	ppbv	98
24) Methyl tert-butyl ethe...	6.675	73	253214	5.080	ppbv	94
25) Methyl Ethyl Ketone	6.882	43	221963	5.187	ppbv#	96
26) Cis-1,2-Dichloroethene	7.101	61	153372	5.305	ppbv	91
27) Hexane	7.215	57	169913	5.433	ppbv#	75
28) Chloroform	7.288	83	203269	5.304	ppbv	94
29) Ethyl acetate	7.257	61	35687	5.443	ppbv	99
30) Tetrahydrofuran	7.590	42	110138	5.226	ppbv	95
31) 1,2-Dichloroethane	7.747	62	155882	5.388	ppbv	95
32) 1,1,1-Trichloroethane	7.903	97	221927	5.389	ppbv	98
33) Benzene	8.179	78	298459	5.267	ppbv	92
34) Carbon Tetrachloride	8.270	117	236877	5.369	ppbv	97
35) Cyclohexane	8.349	84	112022	5.204	ppbv	95
37) 1,2-dichloropropane	8.666	63	132486	5.322	ppbv#	79
38) Bromodichloromethane	8.768	83	233501	5.385	ppbv	96
39) Trichloroethene	8.790	130	144320	5.278	ppbv	99
40) 2,2,4-trimethylpentane	8.790	57	518277	5.328	ppbv#	91
41) 1,4-Dioxane	8.870	88	64011	5.520	ppbv	98
43) Heptane	8.926	43	203863	4.920	ppbv	94
44) cis-1,3-Dichloropropene	9.272	75	192163	5.392	ppbv	99
45) 4-Methyl-2-pentanone(M...	9.350	43	274303	5.313	ppbv#	90
46) trans-1,3-Dichloropropene	9.563	75	154767	5.285	ppbv	98
47) 1,1,2-Trichloroethane	9.680	97	129082	5.264	ppbv	97
48) Toluene	9.835	91	380269	5.308	ppbv	96

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_12.D
Acq On : 13 Dec 2024 6:43 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppb; TO1510B
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 15 09:47:40 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.087	129	259232	5.394	ppbv	98
50)	2-Hexanone(MBK)	10.010	43	264832	5.214	ppbv#	85
51)	1,2-Dibromoethane(EDB)	10.223	107	222104	5.338	ppbv	94
52)	Tetrachloroethene	10.476	166	202460	5.365	ppbv	94
54)	1,1,1,2-Tetrachloroethane	10.831	131	170026	5.516	ppbv	98
55)	Chlorobenzene	10.852	112	294475	5.534	ppbv	86
56)	Ethylbenzene	11.036	91	487095	5.397	ppbv	97
57)	m,p-Xylene	11.128	91	752664	11.041	ppbv	98
58)	Bromoform	11.210	173	260552	5.669	ppbv	98
59)	Styrene	11.333	104	287016	5.537	ppbv	98
60)	1,1,2,2-Tetrachloroethane	11.395	83	284244	5.542	ppbv	98
61)	o-Xylene	11.395	91	379855	5.283	ppbv	98
64)	Isopropylbenzene	11.723	105	526568	5.178	ppbv	99
66)	4-Ethyltoluene	12.092	105	561287	5.497	ppbv	98
67)	1,3,5-Trimethylbenzene	12.133	105	426884	5.389	ppbv	99
68)	1,2,4-Trimethylbenzene	12.379	105	467893	5.527	ppbv	94
70)	Benzyl chloride	12.482	91	374719	5.697	ppbv	99
71)	1,3-Dichlorobenzene	12.492	146	317774	5.504	ppbv	95
72)	1,4-Dichlorobenzene	12.533	146	305219	5.583	ppbv	98
73)	sec-Butylbenzene	12.544	105	639998	5.377	ppbv	99
74)	4-Isopropyltoluene	12.636	119	617514	5.352	ppbv	97
75)	1,2-Dichlorobenzene	12.749	146	297673	5.493	ppbv	95
76)	n-Butylbenzene	12.903	91	540499	5.398	ppbv	98
77)	1,2,4-Trichlorobenzene	13.908	180	250360	5.427	ppbv	98
78)	Naphthalene	14.011	128	521753	5.383	ppbv#	99
79)	Hexachlorobutadiene	14.247	225	278311	5.341	ppbv	98
81]	1,2-Dichlorotetrafluor...	4.181	85	254629	5.077	ppbv	93
82]	Vinyl Chloride(sim)	4.294	62	111260	5.205	ppbv	100
83]	Bromomethane(sim)	4.623	94	97607	4.894	ppbv#	97
84]	Trichlorofluoromethane...	5.329	101	280638	5.326	ppbv#	97
85]	1,2-Dichloroethane(sim)	7.747	62	155986	5.084	ppbv	95
86]	1,1,1-Trichloroethane(...	7.909	97	241196	5.275	ppbv#	98
87]	Benzene(sim)	8.179	78	298459	4.589	ppbv	91
88]	Carbon Tetrachloride(sim)	8.275	117	249920	5.340	ppbv	97
89]	1,1-Dichloroethene(sim)	5.761	61	174961	5.135	ppbv	98
90]	Trichlorotrifluoroetha...	6.016	101	215923	5.121	ppbv#	95
91]	Trans-1,2-Dichloroethe...	6.455	61	165086	4.604	ppbv	94
92]	1,1-Dichloroethane(sim)	6.586	63	211161	5.206	ppbv	98
93]	Cis-1,2-Dichloroethene...	7.101	61	153372	4.965	ppbv	91
94]	Chloroform(sim)	7.284	83	218252	5.212	ppbv	97
96]	1,2-dichloropropane(sim)	8.660	63	146754	5.353	ppbv#	84
97]	Bromodichloromethane(sim)	8.768	83	233501	5.179	ppbv	96
98]	Trichloroethene(sim)	8.796	130	154070	4.656	ppbv	95
99]	1,4-Dioxane(sim)	8.870	88	64011	5.483	ppbv	98
100]	cis-1,3-Dichloropropen...	9.278	75	206448	5.548	ppbv	98
101]	1,1,2-Trichloroethane(...	9.680	97	129082	4.975	ppbv	93
102]	Dibromochloromethane(sim)	10.093	129	275016	5.848	ppbv	99
103]	1,2-Dibromoethane(EDB)...	10.223	107	222104	5.138	ppbv	94
104]	Tetrachloroethene(sim)	10.472	166	221983	5.199	ppbv	96
106]	Bromoform(sim)	11.216	173	281706	5.986	ppbv	98
107]	m,p-Xylene(sim)	11.128	91	754275	9.374	ppbv	99
108]	1,1,2,2-Tetrachloroeth...	11.400	83	296199	4.936	ppbv	99
111]	Benzyl chloride(sim)	12.482	91	374719	5.658	ppbv	99
112]	1,3-Dichlorobenzene(sim)	12.498	146	359058	4.643	ppbv	96
113]	1,4-Dichlorobenzene(sim)	12.533	146	305219	4.862	ppbv	98

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_12.D
Acq On : 13 Dec 2024 6:43 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppb; TO1510B
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 15 09:47:40 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

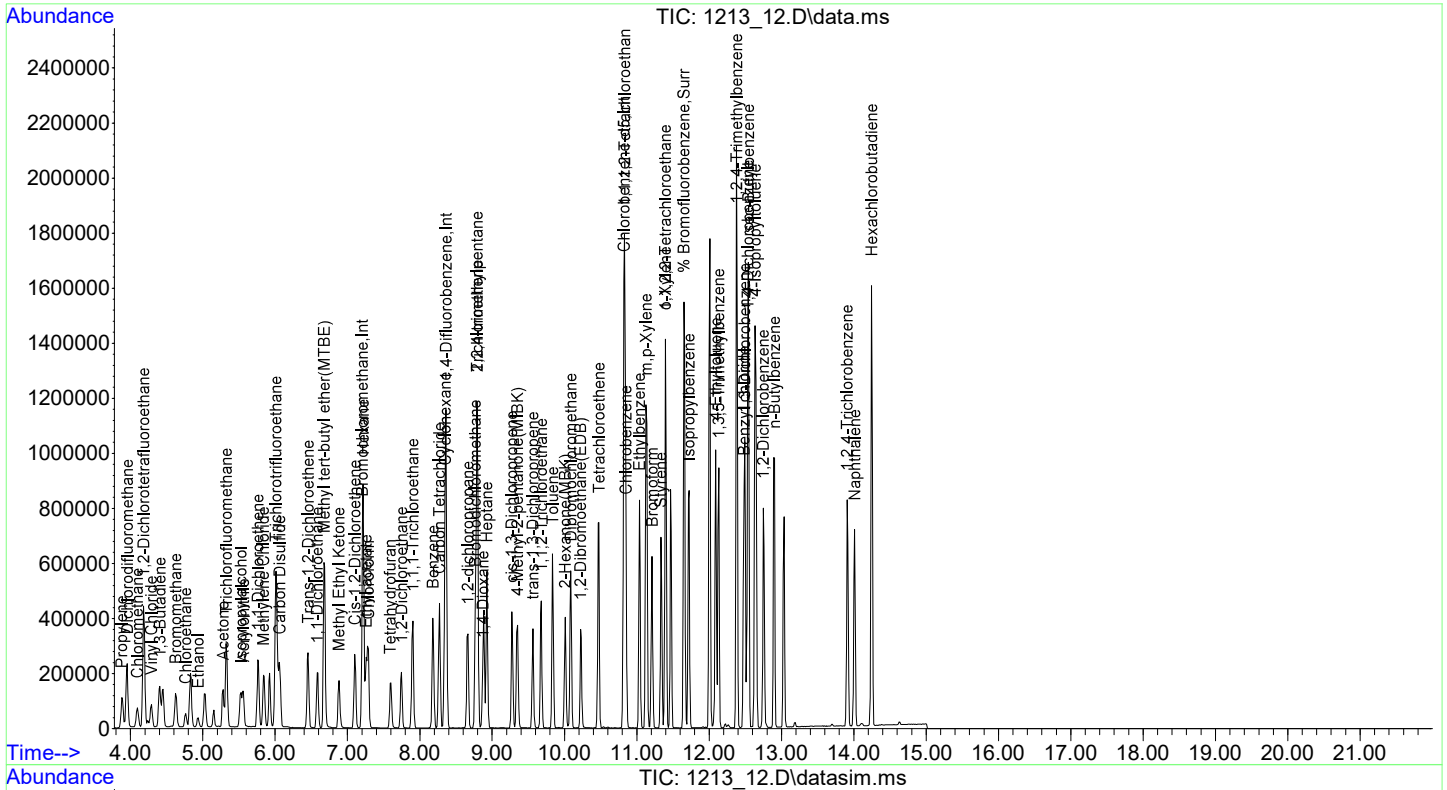
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	699577	4.598	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	617514	4.745	ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	334697	4.914	ppbv	96
117] n-Butylbenzene(sim)	12.903	91	540499	4.730	ppbv	97
118] 1,2,4-Trichlorobenzene...	13.914	180	278197	2.727	ppbv	98

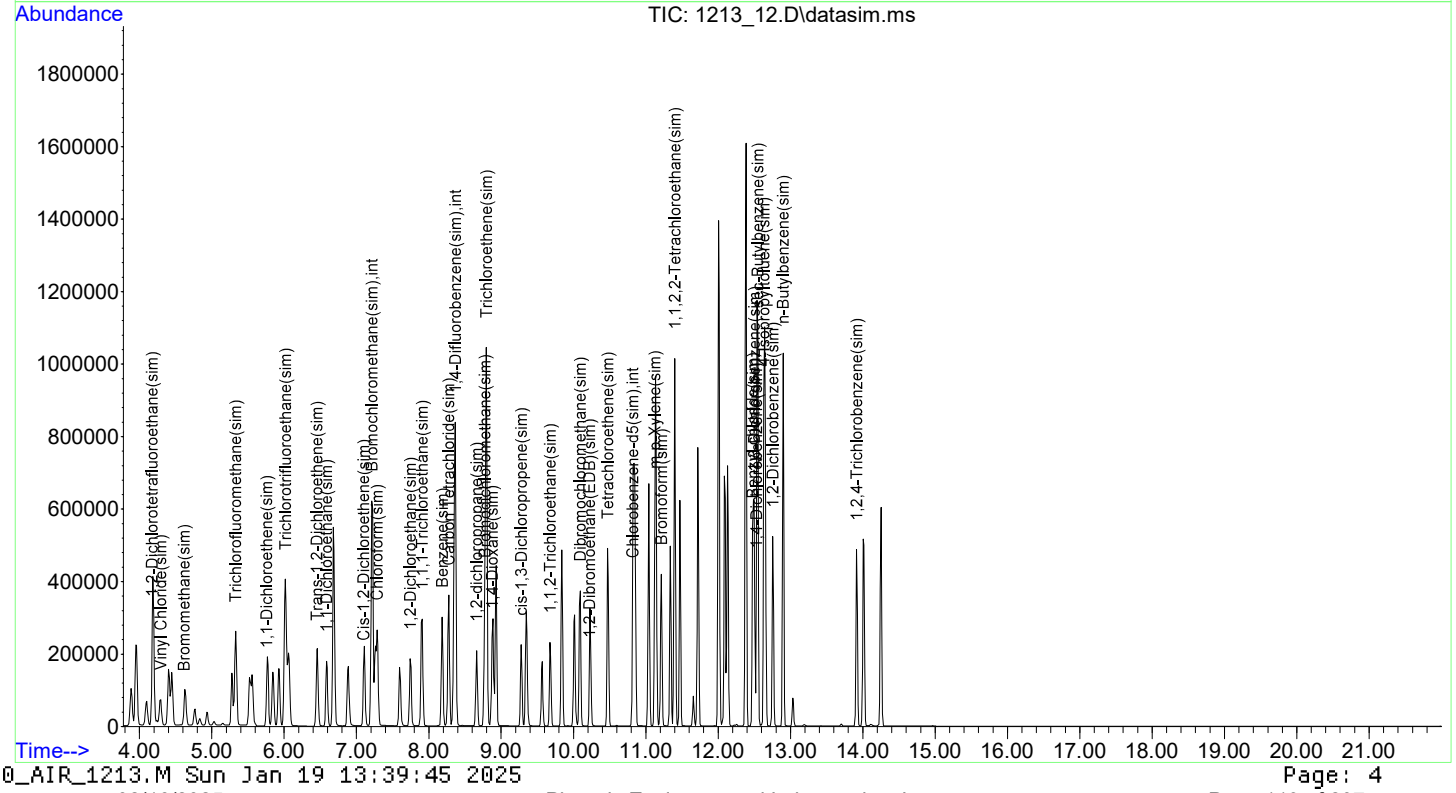
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_12.D
Acq On : 13 Dec 2024 6:43 pm
Operator :
Client ID : ICAL 5
Lab ID : 5.0 ppb; TO1510B
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 15 09:47:40 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_13.D
Acq On : 13 Dec 2024 7:17 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppb; TO1510B
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 15 09:47:50 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.216	130	171001	10.000	ng	0.00
36) 1,4-Difluorobenzene	8.360	114	617377	10.000	ng	0.00
53) Chlorobenzene-d5	10.821	82	377859	10.000	ng	0.00
80) Bromochloromethane(sim)	7.211	130	183754	10.000	ng	#-0.01
95) 1,4-Difluorobenzene(sim)	8.360	114	617377	10.000	ng	0.00
105) Chlorobenzene-d5(sim)	10.821	82	377859	10.000	ng	0.00
System Monitoring Compounds						
62) % Bromofluorobenzene	11.651	95	462763	8.738	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 87.40%			
Target Compounds						Qvalue
2) Propylene	3.879	41	373011	21.971	ppbv	95
3) Dichlorodifluoromethane	3.955	85	1138837	25.121	ppbv	95
4) Chloromethane	4.095	50	403313	23.885	ppbv	96
5) 1,2-Dichlorotetrafluor...	4.181	85	1065077	24.218	ppbv	93
6) Vinyl Chloride	4.289	62	438690	24.135	ppbv	99
7) 1,3-Butadiene	4.407	54	350993	23.718	ppbv	97
8) Bromomethane	4.623	94	413546	23.790	ppbv#	98
9) Chloroethane	4.763	64	203235	23.767	ppbv	91
11) Ethanol	4.903	45	175566	21.058	ppbv#	76
12) Acetone	5.248	43	681060	22.919	ppbv#	83
13) Trichlorofluoromethane	5.323	101	1137260	24.371	ppbv	98
14) Isopropylalcohol	5.474	45	893881	23.192	ppbv	94
15) Acrylonitrile	5.550	53	337958	21.671	ppbv	91
16) 1,1-Dichloroethene	5.761	61	739743	24.007	ppbv	98
17) Methylene Chloride	5.847	49	516537	22.628	ppbv	98
20) Carbon Disulfide	6.063	76	1084954	23.295	ppbv	100
21) Trichlorotrifluoroethane	6.011	101	834130	23.040	ppbv	93
22) Trans-1,2-Dichloroethene	6.455	61	708268	24.296	ppbv	96
23) 1,1-Dichloroethane	6.581	63	820955	24.305	ppbv	98
24) Methyl tert-butyl ethe...	6.652	73	1068265	22.631	ppbv	94
25) Methyl Ethyl Ketone	6.861	43	995398	24.562	ppbv#	94
26) Cis-1,2-Dichloroethene	7.101	61	669651	24.458	ppbv	92
27) Hexane	7.216	57	718990	24.276	ppbv#	74
28) Chloroform	7.288	83	876177	24.143	ppbv	95
29) Ethyl acetate	7.236	61	155016	24.965	ppbv	97
30) Tetrahydrofuran	7.570	42	476991	23.898	ppbv	94
31) 1,2-Dichloroethane	7.747	62	681285	24.867	ppbv	95
32) 1,1,1-Trichloroethane	7.903	97	965635	24.760	ppbv	99
33) Benzene	8.179	78	1297115	24.174	ppbv	92
34) Carbon Tetrachloride	8.270	117	1035798	24.790	ppbv	97
35) Cyclohexane	8.349	84	487901	23.933	ppbv	92
37) 1,2-dichloropropane	8.655	63	589230	25.367	ppbv#	77
38) Bromodichloromethane	8.768	83	1033356	25.538	ppbv	94
39) Trichloroethene	8.790	130	619376	24.273	ppbv	99
40) 2,2,4-trimethylpentane	8.790	57	2180862	24.027	ppbv#	93
41) 1,4-Dioxane	8.836	88	268037	24.772	ppbv#	72
43) Heptane	8.926	43	844285	21.837	ppbv	93
44) cis-1,3-Dichloropropene	9.272	75	860631	25.879	ppbv	99
45) 4-Methyl-2-pentanone(M...	9.330	43	1152526	23.923	ppbv#	90
46) trans-1,3-Dichloropropene	9.563	75	720046	26.348	ppbv	99
47) 1,1,2-Trichloroethane	9.680	97	577975	25.261	ppbv	95
48) Toluene	9.835	91	1644955	24.608	ppbv	97

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_13.D
Acq On : 13 Dec 2024 7:17 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppb; TO1510B
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 15 09:47:50 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.088	129	1154809	25.751	ppbv	98
50)	2-Hexanone(MBK)	9.990	43	1127668	23.791	ppbv#	84
51)	1,2-Dibromoethane(EDB)	10.223	107	983542	25.331	ppbv	94
52)	Tetrachloroethene	10.476	166	881280	25.028	ppbv	93
54)	1,1,1,2-Tetrachloroethane	10.831	131	769336	23.249	ppbv	98
55)	Chlorobenzene	10.852	112	1285661	22.503	ppbv	85
56)	Ethylbenzene	11.036	91	2110349	21.781	ppbv	97
57)	m,p-Xylene	11.128	91	3140447	42.912	ppbv	98
58)	Bromoform	11.210	173	1180406	23.921	ppbv	97
59)	Styrene	11.333	104	1243640	22.346	ppbv	97
60)	1,1,2,2-Tetrachloroethane	11.395	83	1193362	21.673	ppbv	99
61)	o-Xylene	11.395	91	1599683	20.724	ppbv	99
64)	Isopropylbenzene	11.723	105	2641622	24.195	ppbv	94
66)	4-Ethyltoluene	12.092	105	2328379	21.239	ppbv	98
67)	1,3,5-Trimethylbenzene	12.133	105	1807122	21.251	ppbv	98
68)	1,2,4-Trimethylbenzene	12.379	105	1949912	21.454	ppbv	95
70)	Benzyl chloride	12.482	91	1746821	24.739	ppbv	99
71)	1,3-Dichlorobenzene	12.503	146	1306572	21.080	ppbv	93
72)	1,4-Dichlorobenzene	12.533	146	1298430	22.125	ppbv	98
73)	sec-Butylbenzene	12.544	105	2604614	20.384	ppbv	99
74)	4-Isopropyltoluene	12.636	119	2593173	20.935	ppbv	98
75)	1,2-Dichlorobenzene	12.759	146	1298511	22.320	ppbv	93
76)	n-Butylbenzene	12.903	91	2336467	21.736	ppbv	98
77)	1,2,4-Trichlorobenzene	13.908	180	1248177	25.202	ppbv	99
78)	Naphthalene	14.011	128	2433921	23.390	ppbv#	99
79)	Hexachlorobutadiene	14.247	225	1215046	21.720	ppbv	97
81]	1,2-Dichlorotetrafluor...	4.181	85	1062054	22.439	ppbv	93
82]	Vinyl Chloride(sim)	4.294	62	474137	23.504	ppbv	100
83]	Bromomethane(sim)	4.623	94	413546	21.974	ppbv#	98
84]	Trichlorofluoromethane...	5.329	101	1184786	23.829	ppbv#	98
85]	1,2-Dichloroethane(sim)	7.747	62	681285	23.531	ppbv	95
86]	1,1,1-Trichloroethane(...	7.909	97	1039375	24.088	ppbv#	99
87]	Benzene(sim)	8.179	78	1297115	21.133	ppbv	91
88]	Carbon Tetrachloride(sim)	8.275	117	1072947	24.292	ppbv	96
89]	1,1-Dichloroethene(sim)	5.761	61	739743	23.008	ppbv	98
90]	Trichlorotrifluoroetha...	6.017	101	865366	21.750	ppbv#	95
91]	Trans-1,2-Dichloroethe...	6.455	61	708268	20.934	ppbv	96
92]	1,1-Dichloroethane(sim)	6.586	63	903171	23.594	ppbv	98
93]	Cis-1,2-Dichloroethene...	7.101	61	669651	22.974	ppbv	92
94]	Chloroform(sim)	7.284	83	923492	23.369	ppbv	96
96]	1,2-dichloropropane(sim)	8.660	63	652688	25.513	ppbv#	83
97]	Bromodichloromethane(sim)	8.768	83	1033356	24.561	ppbv	94
98]	Trichloroethene(sim)	8.796	130	651737	21.106	ppbv	95
99]	1,4-Dioxane(sim)	8.836	88	268037	24.606	ppbv#	72
100]	cis-1,3-Dichloropropen...	9.278	75	924621	26.630	ppbv	98
101]	1,1,2-Trichloroethane(...	9.680	97	577975	23.873	ppbv	91
102]	Dibromochloromethane(sim)	10.093	129	1208019	27.527	ppbv	99
103]	1,2-Dibromoethane(EDB)...	10.223	107	983542	24.383	ppbv	94
104]	Tetrachloroethene(sim)	10.472	166	949267	23.827	ppbv	97
106]	Bromoform(sim)	11.216	173	1252033	24.781	ppbv	97
107]	m,p-Xylene(sim)	11.128	91	3144359	36.400	ppbv	98
108]	1,1,2,2-Tetrachloroeth...	11.400	83	1207703	18.745	ppbv	99
111]	Benzyl chloride(sim)	12.482	91	1746821	24.567	ppbv	99
112]	1,3-Dichlorobenzene(sim)	12.498	146	1471253	17.722	ppbv	95
113]	1,4-Dichlorobenzene(sim)	12.533	146	1298001	19.260	ppbv	98

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_13.D
Acq On : 13 Dec 2024 7:17 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppb; TO1510B
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 15 09:47:50 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

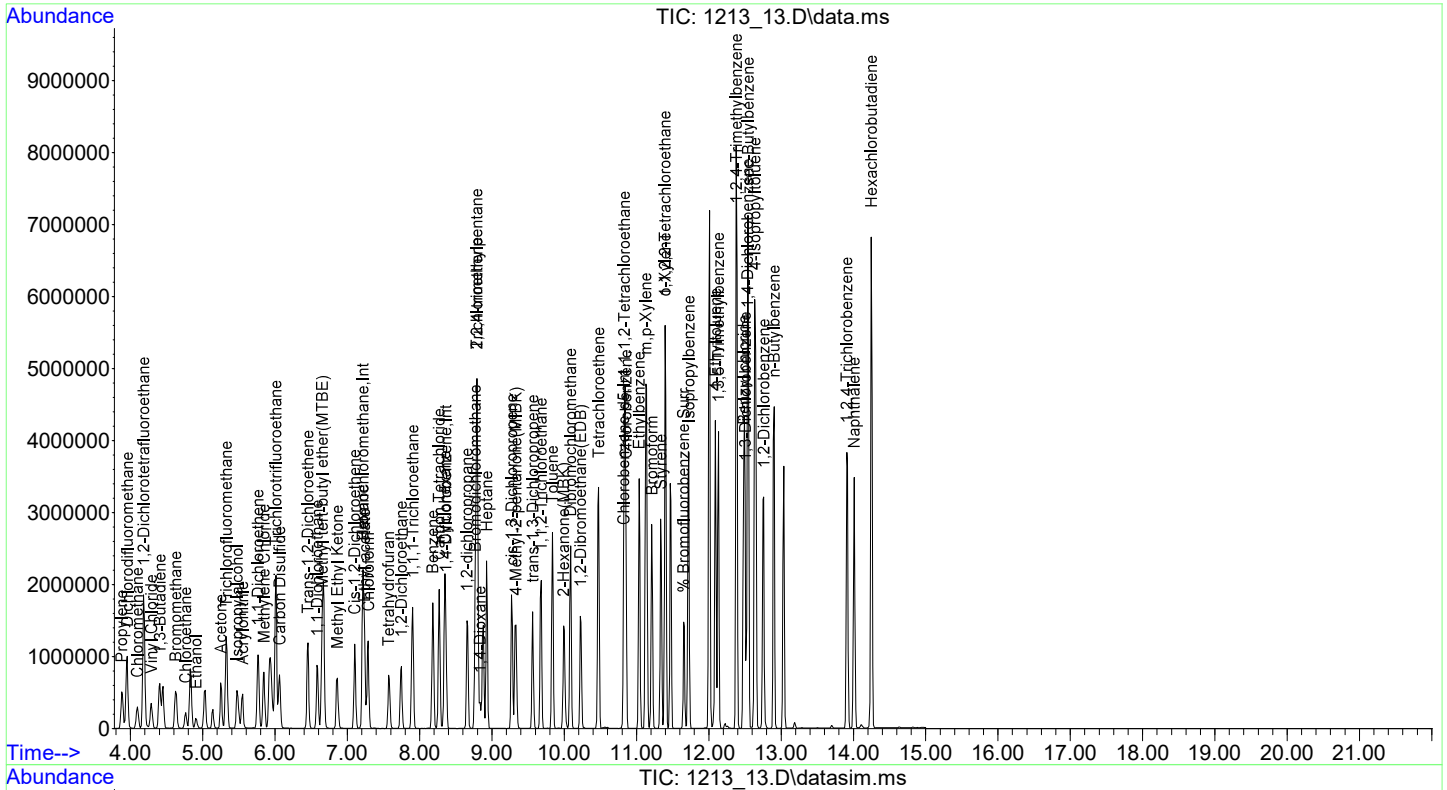
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	2739746	16.774 ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	2593173	18.559 ppbv	98
116] 1,2-Dichlorobenzene(sim)	12.754	146	1434781	19.622 ppbv	95
117] n-Butylbenzene(sim)	12.903	91	2336467	19.045 ppbv	98
118] 1,2,4-Trichlorobenzene...	13.914	180	1355864	6.730 ppbv	96

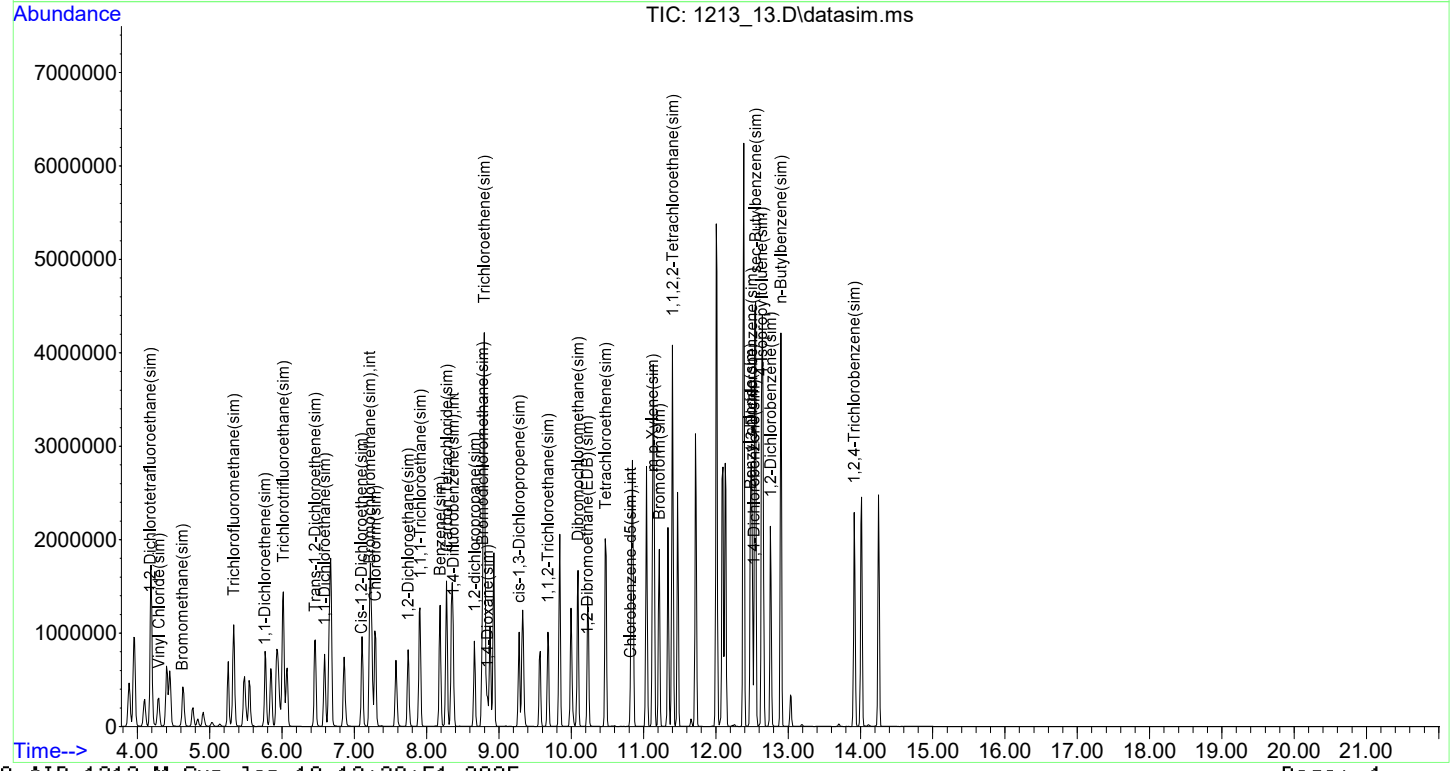
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_13.D
Acq On : 13 Dec 2024 7:17 pm
Operator :
Client ID : ICAL 25
Lab ID : 25 ppb; TO1510B
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 15 09:47:50 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_14.D
Acq On : 13 Dec 2024 7:52 pm
Operator :
Client ID : ICAL 40
Lab ID : 40ppb; TO1510B
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 15 10:07:16 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.216	130	171569	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.360	114	608761	10.000	ng		0.00
53) Chlorobenzene-d5	10.821	82	401010	10.000	ng		0.00
80) Bromochloromethane(sim)	7.221	130	181311	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.360	114	608761	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.821	82	401010	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.651	95	463921	8.254	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 82.50%				
Target Compounds							Qvalue
2) Propylene	3.890	41	583001	34.227	ppbv		95
3) Dichlorodifluoromethane	3.955	85	1725055	37.926	ppbv		95
4) Chloromethane	4.095	50	619035	36.540	ppbv		96
5) 1,2-Dichlorotetrafluor...	4.192	85	1617007	36.646	ppbv		94
6) Vinyl Chloride	4.289	62	670591	36.771	ppbv		99
7) 1,3-Butadiene	4.407	54	530740	35.745	ppbv		97
8) Bromomethane	4.634	94	645265	36.998	ppbv#		97
9) Chloroethane	4.763	64	312396	36.411	ppbv		91
11) Ethanol	4.903	45	270741	32.367	ppbv#		77
12) Acetone	5.248	43	1059639	35.541	ppbv#		83
13) Trichlorofluoromethane	5.334	101	1741008	37.185	ppbv		98
14) Isopropylalcohol	5.464	45	1330677	34.411	ppbv#		91
15) Acrylonitrile	5.550	53	524807	33.541	ppbv		89
16) 1,1-Dichloroethene	5.770	61	1144113	37.008	ppbv		98
17) Methylene Chloride	5.847	49	785293	34.288	ppbv		98
20) Carbon Disulfide	6.063	76	1655857	35.435	ppbv		100
21) Trichlorotrifluoroethane	6.011	101	1280791	35.261	ppbv		93
22) Trans-1,2-Dichloroethene	6.455	61	1108908	37.914	ppbv		96
23) 1,1-Dichloroethane	6.589	63	1272072	37.536	ppbv		98
24) Methyl tert-butyl ethe...	6.644	73	1637530	34.576	ppbv		94
25) Methyl Ethyl Ketone	6.851	43	1547692	38.064	ppbv#		94
26) Cis-1,2-Dichloroethene	7.101	61	1048036	38.152	ppbv		92
27) Hexane	7.216	57	1112905	37.452	ppbv#		73
28) Chloroform	7.288	83	1359844	37.347	ppbv		95
29) Ethyl acetate	7.236	61	237637	38.145	ppbv		97
30) Tetrahydrofuran	7.570	42	742982	37.102	ppbv		94
31) 1,2-Dichloroethane	7.747	62	1055944	38.415	ppbv		95
32) 1,1,1-Trichloroethane	7.903	97	1495652	38.224	ppbv		99
33) Benzene	8.179	78	2012613	37.385	ppbv		92
34) Carbon Tetrachloride	8.270	117	1613585	38.490	ppbv		97
35) Cyclohexane	8.349	84	755989	36.961	ppbv		92
37) 1,2-dichloropropane	8.666	63	925982	40.429	ppbv#		76
38) Bromodichloromethane	8.768	83	1593909	39.948	ppbv		94
39) Trichloroethene	8.790	130	933110	37.085	ppbv		99
40) 2,2,4-trimethylpentane	8.802	57	3230938	36.100	ppbv#		94
41) 1,4-Dioxane	8.824	88	410753	38.499	ppbv#		75
43) Heptane	8.926	43	1284901	33.704	ppbv#		91
44) cis-1,3-Dichloropropene	9.272	75	1365459	41.640	ppbv		99
45) 4-Methyl-2-pentanone(M...	9.321	43	1748578	36.809	ppbv#		90
46) trans-1,3-Dichloropropene	9.563	75	1125891	41.782	ppbv		99
47) 1,1,2-Trichloroethane	9.680	97	894390	39.643	ppbv		96
48) Toluene	9.835	91	2526392	38.329	ppbv		97

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_14.D
Acq On : 13 Dec 2024 7:52 pm
Operator :
Client ID : ICAL 40
Lab ID : 40ppb; TO1510B
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 15 10:07:16 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.088	129	1789838	40.476	ppbv	98
50)	2-Hexanone(MBK)	9.990	43	1718725	36.775	ppbv#	83
51)	1,2-Dibromoethane(EDB)	10.233	107	1516741	39.617	ppbv	94
52)	Tetrachloroethene	10.476	166	1347375	38.806	ppbv	92
54)	1,1,1,2-Tetrachloroethane	10.831	131	1182062	33.659	ppbv	98
55)	Chlorobenzene	10.852	112	1963985	32.392	ppbv	85
56)	Ethylbenzene	11.036	91	3218775	31.303	ppbv	98
57)	m,p-Xylene	11.139	91	4703388	60.558	ppbv	97
58)	Bromoform	11.210	173	1811422	34.589	ppbv	96
59)	Styrene	11.333	104	1926578	32.618	ppbv	96
60)	1,1,2,2-Tetrachloroethane	11.395	83	1800340	30.809	ppbv	99
61)	o-Xylene	11.405	91	2394013	29.224	ppbv	99
64)	Isopropylbenzene	11.723	105	3953567	34.121	ppbv	95
66)	4-Ethyltoluene	12.092	105	3553885	30.546	ppbv	97
67)	1,3,5-Trimethylbenzene	12.133	105	2744614	30.412	ppbv	98
68)	1,2,4-Trimethylbenzene	12.379	105	2875011	29.807	ppbv	95
70)	Benzyl chloride	12.482	91	2712938	36.204	ppbv	99
71)	1,3-Dichlorobenzene	12.503	146	2235025	33.977	ppbv	93
72)	1,4-Dichlorobenzene	12.533	146	1697183	27.250	ppbv	97
73)	sec-Butylbenzene	12.544	105	3811586	28.108	ppbv	99
74)	4-Isopropyltoluene	12.636	119	3814253	29.015	ppbv	99
75)	1,2-Dichlorobenzene	12.759	146	1987309	32.188	ppbv	93
76)	n-Butylbenzene	12.903	91	3489134	30.585	ppbv	99
77)	1,2,4-Trichlorobenzene	13.919	180	1983105	37.729	ppbv	98
78)	Naphthalene	14.011	128	3782994	34.255	ppbv#	99
79)	Hexachlorobutadiene	14.247	225	1826030	30.757	ppbv	97
81]	1,2-Dichlorotetrafluor...	4.192	85	1613737	34.554	ppbv	94
82]	Vinyl Chloride(sim)	4.294	62	723061	36.327	ppbv	99
83]	Bromomethane(sim)	4.634	94	645265	34.748	ppbv#	97
84]	Trichlorofluoromethane...	5.340	101	1804243	36.776	ppbv#	98
85]	1,2-Dichloroethane(sim)	7.747	62	1055944	36.963	ppbv	95
86]	1,1,1-Trichloroethane(...	7.909	97	1602586	37.642	ppbv#	99
87]	Benzene(sim)	8.179	78	2012764	33.234	ppbv	91
88]	Carbon Tetrachloride(sim)	8.275	117	1649880	37.858	ppbv	95
89]	1,1-Dichloroethene(sim)	5.770	61	1144113	36.065	ppbv	98
90]	Trichlorotrifluoroetha...	6.017	101	1312869	33.442	ppbv#	96
91]	Trans-1,2-Dichloroethe...	6.455	61	1108908	33.217	ppbv	96
92]	1,1-Dichloroethane(sim)	6.594	63	1388893	36.772	ppbv	98
93]	Cis-1,2-Dichloroethene...	7.101	61	1048036	36.441	ppbv	92
94]	Chloroform(sim)	7.294	83	1426021	36.572	ppbv	96
96]	1,2-dichloropropane(sim)	8.660	63	1012542	40.140	ppbv#	82
97]	Bromodichloromethane(sim)	8.768	83	1593909	38.421	ppbv	94
98]	Trichloroethene(sim)	8.796	130	973518	31.973	ppbv	95
99]	1,4-Dioxane(sim)	8.824	88	410753	38.241	ppbv#	75
100]	cis-1,3-Dichloropropen...	9.278	75	1437151	41.978	ppbv	98
101]	1,1,2-Trichloroethane(...	9.680	97	894390	37.466	ppbv	92
102]	Dibromochloromethane(sim)	10.093	129	1859327	42.967	ppbv	99
103]	1,2-Dibromoethane(EDB)...	10.233	107	1516741	38.133	ppbv	94
104]	Tetrachloroethene(sim)	10.472	166	1440258	36.663	ppbv	96
106]	Bromoform(sim)	11.216	173	1908581	35.595	ppbv	97
107]	m,p-Xylene(sim)	11.139	91	4708476	51.360	ppbv	98
108]	1,1,2,2-Tetrachloroeth...	11.400	83	1805823	26.411	ppbv	98
111]	Benzyl chloride(sim)	12.482	91	2712938	35.952	ppbv	99
112]	1,3-Dichlorobenzene(sim)	12.498	146	2192687	24.887	ppbv	95
113]	1,4-Dichlorobenzene(sim)	12.533	146	1696954	23.726	ppbv	97

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_14.D
Acq On : 13 Dec 2024 7:52 pm
Operator :
Client ID : ICAL 40
Lab ID : 40ppb; TO1510B
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 15 10:07:16 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

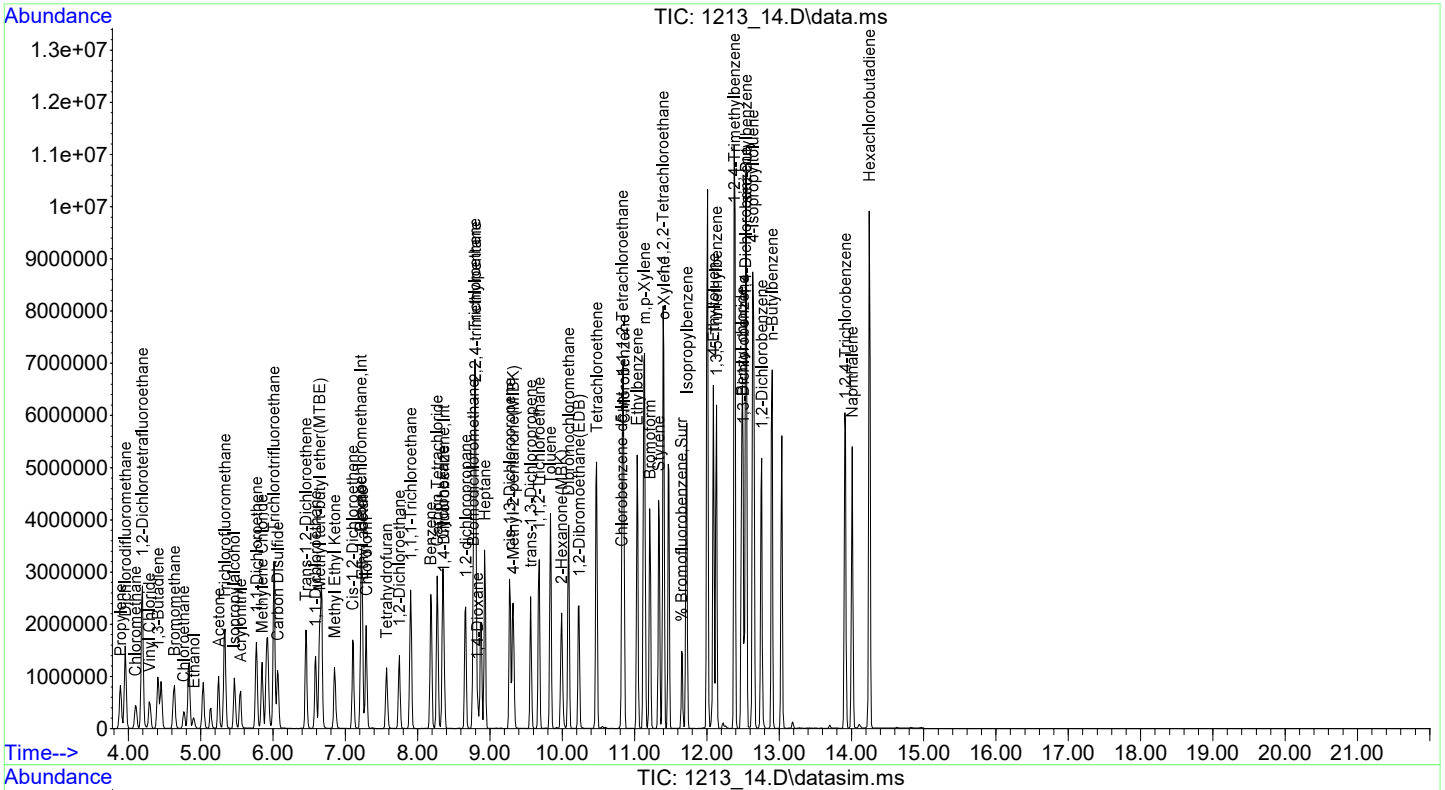
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	3915125	22.586 ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	3814253	25.722 ppbv	99
116] 1,2-Dichlorobenzene(sim)	12.754	146	2170227	27.967 ppbv	94
117] n-Butylbenzene(sim)	12.903	91	3489316	26.800 ppbv	99
118] 1,2,4-Trichlorobenzene...	13.914	180	2105762	8.330 ppbv	96

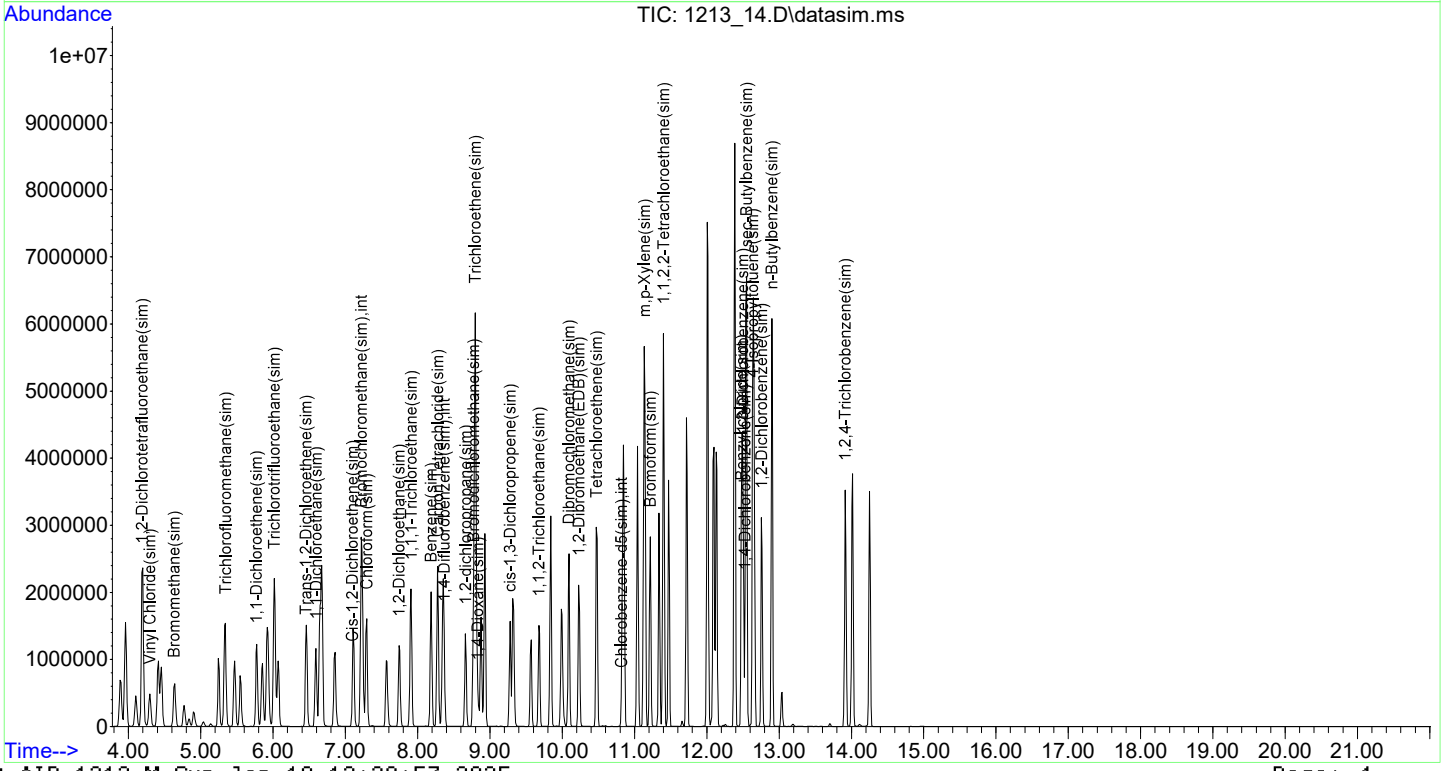
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_14.D
Acq On : 13 Dec 2024 7:52 pm
Operator :
Client ID : ICAL 40
Lab ID : 40ppb; TO1510B
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 15 10:07:16 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_15.D
Acq On : 13 Dec 2024 8:23 pm
Operator :
Client ID : ICAL 1
Lab ID : 1ppb tune/cc; TO1510C
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 15 10:20:18 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.215	130	199525	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.360	114	729935	10.000	ng		0.00
53) Chlorobenzene-d5	10.821	82	374448	10.000	ng		0.00
80) Bromochloromethane(sim)	7.211	130	212884	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.360	114	729937	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.821	82	374448	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.651	95	511723	10.405	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.10%				
Target Compounds							Qvalue
2) Propylene	3.890	41	17872	0.902	ppbv		96
3) Dichlorodifluoromethane	3.954	85	50815	0.961	ppbv		94
4) Chloromethane	4.095	50	18817	0.955	ppbv		98
5) 1,2-Dichlorotetrafluor...	4.181	85	49480	0.964	ppbv		94
6) Vinyl Chloride	4.289	62	21447	1.011	ppbv		97
7) 1,3-Butadiene	4.407	54	17126	0.992	ppbv		98
8) Bromomethane	4.623	94	20156	0.994	ppbv		99
9) Chloroethane	4.763	64	9931	0.995	ppbv		91
11) Ethanol	4.946	45	9644	0.991	ppbv#		73
12) Acetone	5.291	43	32715	0.944	ppbv#		80
13) Trichlorofluoromethane	5.323	101	52944	0.972	ppbv		99
14) Isopropylalcohol	5.550	45	43104	0.958	ppbv		100
15) Acrylonitrile	5.560	53	18263	1.004	ppbv		90
16) 1,1-Dichloroethene	5.761	61	35734	0.994	ppbv		97
17) Methylene Chloride	5.847	49	26150	0.982	ppbv		98
20) Carbon Disulfide	6.063	76	56145	1.033	ppbv		97
21) Trichlorotrifluoroethane	6.011	101	42251	1.000	ppbv		95
22) Trans-1,2-Dichloroethene	6.454	61	33154	0.975	ppbv		97
23) 1,1-Dichloroethane	6.581	63	38872	0.986	ppbv		97
24) Methyl tert-butyl ethe...	6.699	73	60014	1.090	ppbv		96
25) Methyl Ethyl Ketone	6.903	43	46701	0.988	ppbv#		97
26) Cis-1,2-Dichloroethene	7.101	61	31771	0.995	ppbv		91
27) Hexane	7.215	57	33796	0.978	ppbv#		76
28) Chloroform	7.288	83	42691	1.008	ppbv		96
29) Ethyl acetate	7.268	61	7355	1.015	ppbv		95
30) Tetrahydrofuran	7.611	42	23273	0.999	ppbv		97
31) 1,2-Dichloroethane	7.747	62	31021	0.970	ppbv		95
32) 1,1,1-Trichloroethane	7.903	97	44508	0.978	ppbv		99
33) Benzene	8.179	78	60724	0.970	ppbv#		90
34) Carbon Tetrachloride	8.270	117	48453	0.994	ppbv		97
35) Cyclohexane	8.349	84	23406	0.984	ppbv		90
37) 1,2-dichloropropane	8.666	63	26321	0.958	ppbv#		81
38) Bromodichloromethane	8.768	83	46049	0.963	ppbv		95
39) Trichloroethene	8.790	130	30074	0.997	ppbv		99
40) 2,2,4-trimethylpentane	8.802	57	108905	1.015	ppbv#		91
41) 1,4-Dioxane	8.892	88	13934	1.089	ppbv#		98
43) Heptane	8.926	43	48115	1.053	ppbv#		89
44) cis-1,3-Dichloropropene	9.272	75	37896	0.964	ppbv		99
45) 4-Methyl-2-pentanone(M...	9.360	43	57252	1.005	ppbv#		90
46) trans-1,3-Dichloropropene	9.563	75	31093	0.962	ppbv		98
47) 1,1,2-Trichloroethane	9.680	97	26151	0.967	ppbv		96
48) Toluene	9.835	91	78330	0.991	ppbv		97

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_15.D
Acq On : 13 Dec 2024 8:23 pm
Operator :
Client ID : ICAL 1
Lab ID : 1ppb tune/cc; TO1510C
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 15 10:20:18 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.087	129	51480	0.971	ppbv	96
50)	2-Hexanone(MBK)	10.019	43	57872	1.033	ppbv#	87
51)	1,2-Dibromoethane(EDB)	10.223	107	46176	1.006	ppbv	94
52)	Tetrachloroethene	10.476	166	42250	1.015	ppbv	96
54)	1,1,1,2-Tetrachloroethane	10.831	131	34235	1.044	ppbv	97
55)	Chlorobenzene	10.852	112	60897	1.076	ppbv	93
56)	Ethylbenzene	11.036	91	100462	1.046	ppbv	97
57)	m,p-Xylene	11.128	91	159597	2.201	ppbv	99
58)	Bromoform	11.210	173	50917	1.041	ppbv	98
59)	Styrene	11.333	104	60075	1.089	ppbv	98
60)	1,1,2,2-Tetrachloroethane	11.395	83	58923	1.080	ppbv	100
61)	o-Xylene	11.395	91	82384	1.077	ppbv	97
64)	Isopropylbenzene	11.723	105	112079	1.036	ppbv	99
66)	4-Ethyltoluene	12.092	105	116853	1.076	ppbv	99
67)	1,3,5-Trimethylbenzene	12.133	105	91434	1.085	ppbv	98
68)	1,2,4-Trimethylbenzene	12.379	105	98568	1.094	ppbv	94
70)	Benzyl chloride	12.482	91	71994	1.029	ppbv	99
71)	1,3-Dichlorobenzene	12.492	146	68886	1.121	ppbv	95
72)	1,4-Dichlorobenzene	12.533	146	67197	1.155	ppbv	97
73)	sec-Butylbenzene	12.543	105	142876	1.128	ppbv	99
74)	4-Isopropyltoluene	12.636	119	137365	1.119	ppbv	97
75)	1,2-Dichlorobenzene	12.749	146	63681	1.105	ppbv	94
76)	n-Butylbenzene	12.903	91	120236	1.129	ppbv	97
77)	1,2,4-Trichlorobenzene	13.908	180	64289	1.310	ppbv	97
78)	Naphthalene	14.011	128	140083	1.358	ppbv#	99
79)	Hexachlorobutadiene	14.247	225	63171	1.140	ppbv	98
81]	1,2-Dichlorotetrafluor...	4.181	85	49478	0.902	ppbv	94
82]	Vinyl Chloride(sim)	4.294	62	22112	0.946	ppbv	99
83]	Bromomethane(sim)	4.623	94	20156	0.924	ppbv	99
84]	Trichlorofluoromethane...	5.329	101	57030	0.990	ppbv#	97
85]	1,2-Dichloroethane(sim)	7.747	62	31021	0.925	ppbv	95
86]	1,1,1-Trichloroethane(...	7.909	97	48834	0.977	ppbv#	98
87]	Benzene(sim)	8.179	78	60724	0.854	ppbv#	89
88]	Carbon Tetrachloride(sim)	8.275	117	50844	0.994	ppbv	97
89]	1,1-Dichloroethene(sim)	5.761	61	35734	0.959	ppbv	97
90]	Trichlorotrifluoroetha...	6.016	101	44965	0.975	ppbv#	94
91]	Trans-1,2-Dichloroethe...	6.454	61	33154	0.846	ppbv	97
92]	1,1-Dichloroethane(sim)	6.586	63	43326	0.977	ppbv	98
93]	Cis-1,2-Dichloroethene...	7.101	61	31771	0.941	ppbv	91
94]	Chloroform(sim)	7.284	83	44754	0.978	ppbv	97
96]	1,2-dichloropropane(sim)	8.660	63	29435	0.973	ppbv#	84
97]	Bromodichloromethane(sim)	8.768	83	46049	0.926	ppbv	94
98]	Trichloroethene(sim)	8.796	130	32262	0.884	ppbv	95
99]	1,4-Dioxane(sim)	8.892	88	13934	1.082	ppbv#	98
100]	cis-1,3-Dichloropropen...	9.278	75	41487	1.011	ppbv	99
101]	1,1,2-Trichloroethane(...	9.680	97	26151	0.914	ppbv	92
102]	Dibromochloromethane(sim)	10.093	129	54671	1.054	ppbv	100
103]	1,2-Dibromoethane(EDB)...	10.223	107	46176	0.968	ppbv	94
104]	Tetrachloroethene(sim)	10.472	166	45670	0.970	ppbv	96
106]	Bromoform(sim)	11.216	173	55356	1.106	ppbv	98
107]	m,p-Xylene(sim)	11.128	91	159597	1.864	ppbv	99
108]	1,1,2,2-Tetrachloroeth...	11.400	83	62175	0.974	ppbv	99
111]	Benzyl chloride(sim)	12.482	91	71994	1.022	ppbv	99
112]	1,3-Dichlorobenzene(sim)	12.498	146	78631	0.956	ppbv	96
113]	1,4-Dichlorobenzene(sim)	12.533	146	67197	1.006	ppbv	97

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_15.D
Acq On : 13 Dec 2024 8:23 pm
Operator :
Client ID : ICAL 1
Lab ID : 1ppb tune/cc; TO1510C
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 15 10:20:18 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

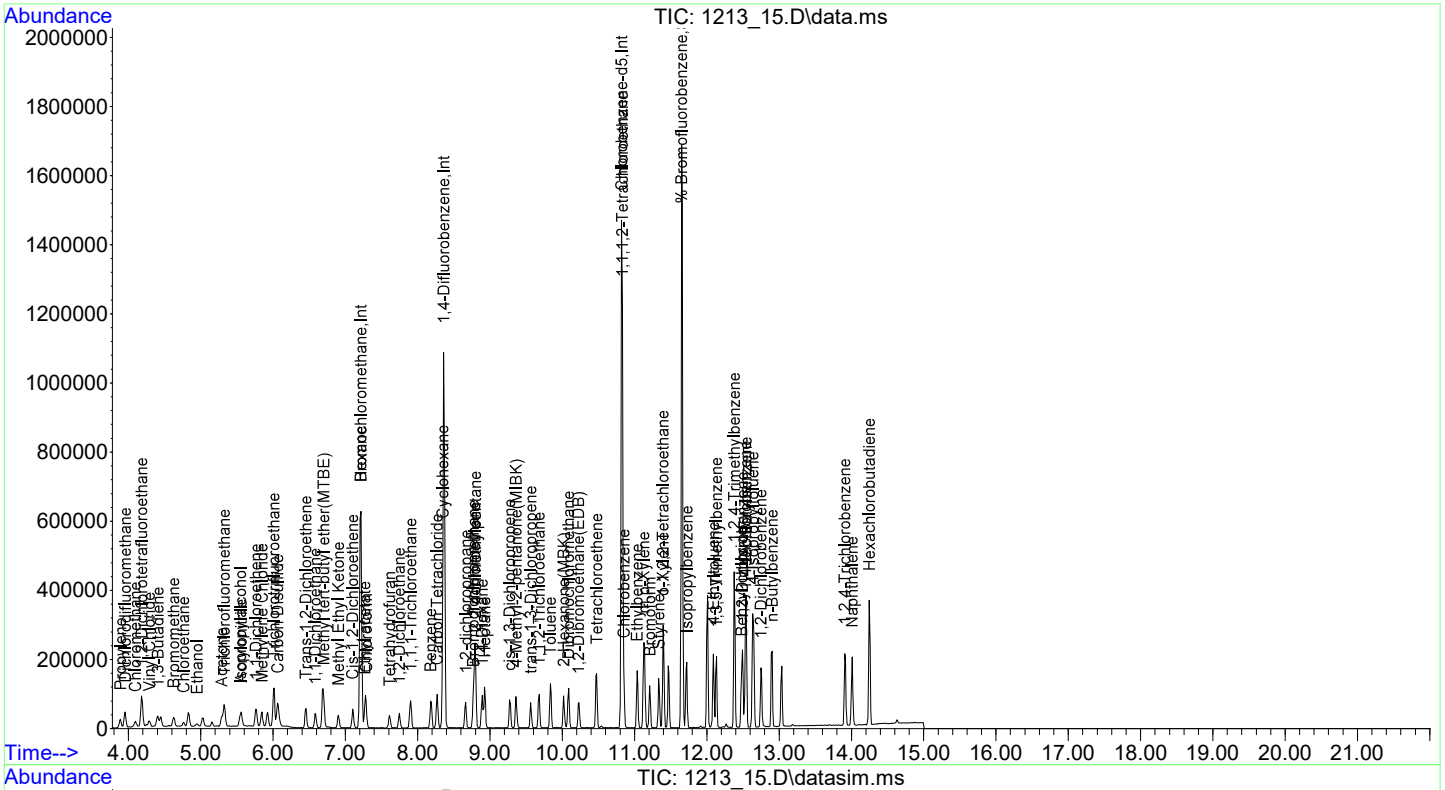
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	156004	0.964	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	137365	0.992	ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	73063	1.008	ppbv	96
117] n-Butylbenzene(sim)	12.903	91	120236	0.989	ppbv	96
118] 1,2,4-Trichlorobenzene...	13.914	180	71800	1.025	ppbv	98
119] Hexachlorobutadiene(sim)	14.247	225	63171	1.024	ppbv	98

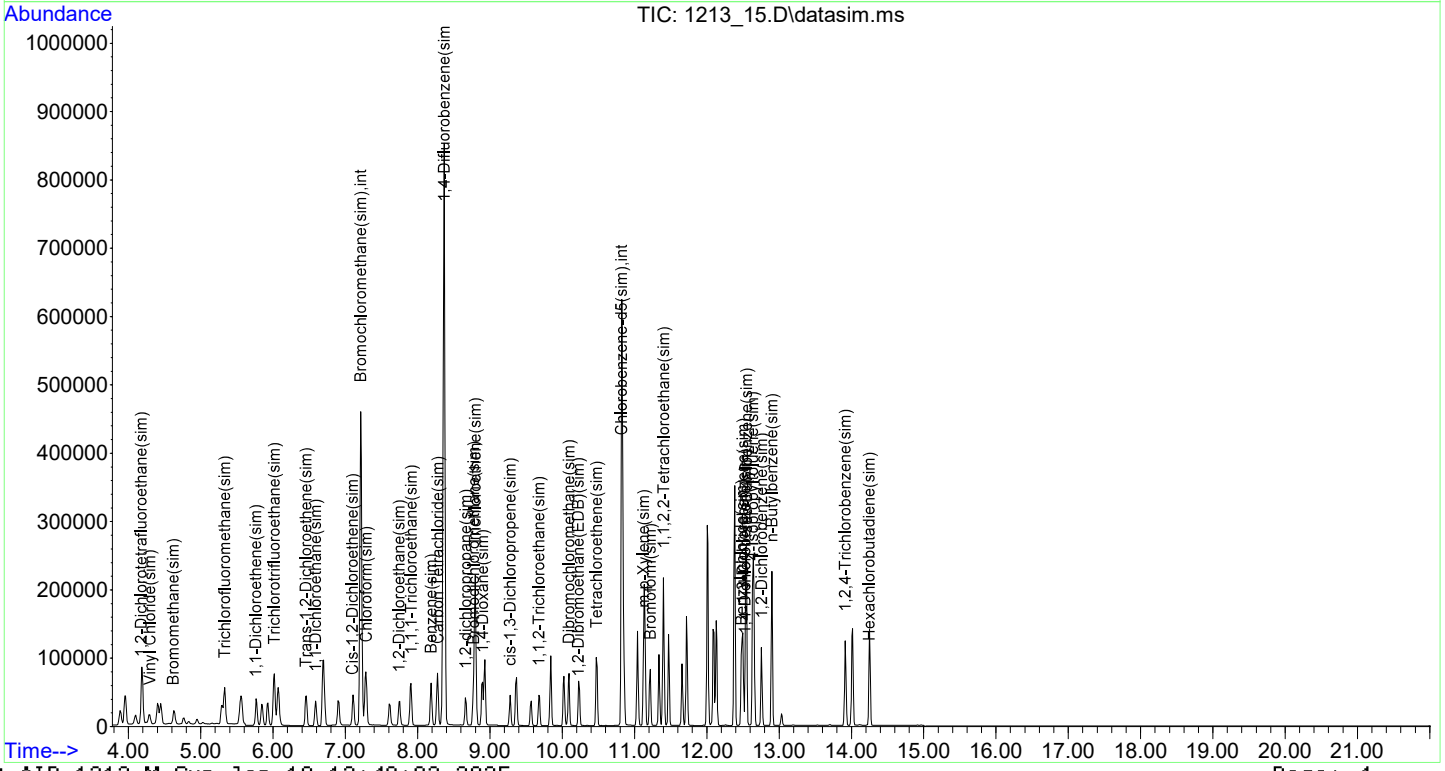
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_15.D
Acq On : 13 Dec 2024 8:23 pm
Operator :
Client ID : ICAL 1
Lab ID : 1ppb tune/cc; TO1510C
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 15 10:20:18 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration





Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_16.D
Acq On : 13 Dec 2024 8:55 pm
Operator :
Client ID : ICAL 10
Lab ID : 10ppb; TO1510B
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 15 10:20:52 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.205	130	177922	10.000	ng	-0.01
36) 1,4-Difluorobenzene	8.360	114	649667	10.000	ng	0.00
53) Chlorobenzene-d5	10.821	82	360570	10.000	ng	0.00
80) Bromochloromethane(sim)	7.211	130	190958	10.000	ng	# 0.00
95) 1,4-Difluorobenzene(sim)	8.360	114	649667	10.000	ng	0.00
105) Chlorobenzene-d5(sim)	10.821	82	360570	10.000	ng	0.00
System Monitoring Compounds						
62) % Bromofluorobenzene	11.651	95	469587	9.916	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.20%		
Target Compounds						Qvalue
2) Propylene	3.879	41	156649	8.868	ppbv	96
3) Dichlorodifluoromethane	3.944	85	494741	10.489	ppbv	95
4) Chloromethane	4.094	50	176243	10.032	ppbv	96
5) 1,2-Dichlorotetrafluor...	4.181	85	472288	10.321	ppbv	94
6) Vinyl Chloride	4.289	62	190368	10.066	ppbv	99
7) 1,3-Butadiene	4.407	54	153521	9.970	ppbv	97
8) Bromomethane	4.623	94	179206	9.908	ppbv#	98
9) Chloroethane	4.763	64	88333	9.928	ppbv	90
11) Ethanol	4.924	45	76354	8.802	ppbv#	77
12) Acetone	5.269	43	300606	9.723	ppbv#	84
13) Trichlorofluoromethane	5.323	101	496381	10.223	ppbv	99
14) Isopropylalcohol	5.506	45	395875	9.872	ppbv	94
15) Acrylonitrile	5.550	53	157264	9.692	ppbv#	84
16) 1,1-Dichloroethene	5.761	61	327749	10.223	ppbv	97
17) Methylene Chloride	5.838	49	230280	9.696	ppbv	98
20) Carbon Disulfide	6.063	76	480663	9.919	ppbv	100
21) Trichlorotrifluoroethane	6.011	101	377207	10.014	ppbv	92
22) Trans-1,2-Dichloroethene	6.454	61	305839	10.083	ppbv	95
23) 1,1-Dichloroethane	6.581	63	357222	10.165	ppbv	98
24) Methyl tert-butyl ethe...	6.667	73	518084	10.549	ppbv	94
25) Methyl Ethyl Ketone	6.872	43	408114	9.679	ppbv#	95
26) Cis-1,2-Dichloroethene	7.101	61	289319	10.156	ppbv	91
27) Hexane	7.215	57	312454	10.139	ppbv#	75
28) Chloroform	7.288	83	380636	10.080	ppbv	95
29) Ethyl acetate	7.247	61	68671	10.629	ppbv	98
30) Tetrahydrofuran	7.590	42	206881	9.962	ppbv	96
31) 1,2-Dichloroethane	7.747	62	291000	10.208	ppbv	95
32) 1,1,1-Trichloroethane	7.903	97	415882	10.249	ppbv	98
33) Benzene	8.179	78	560939	10.047	ppbv	91
34) Carbon Tetrachloride	8.270	117	446314	10.266	ppbv	97
35) Cyclohexane	8.349	84	211293	9.961	ppbv	94
37) 1,2-dichloropropane	8.654	63	250805	10.261	ppbv#	77
38) Bromodichloromethane	8.768	83	439298	10.317	ppbv	94
39) Trichloroethene	8.790	130	270717	10.082	ppbv	100
40) 2,2,4-trimethylpentane	8.790	57	961223	10.064	ppbv#	91
41) 1,4-Dioxane	8.858	88	118735	10.428	ppbv	87
43) Heptane	8.926	43	376794	9.261	ppbv	94
44) cis-1,3-Dichloropropene	9.272	75	364762	10.423	ppbv	98
45) 4-Methyl-2-pentanone(M...	9.340	43	503956	9.941	ppbv#	90
46) trans-1,3-Dichloropropene	9.563	75	300517	10.450	ppbv	99
47) 1,1,2-Trichloroethane	9.680	97	248845	10.335	ppbv	95
48) Toluene	9.835	91	712214	10.125	ppbv	97

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_16.D
Acq On : 13 Dec 2024 8:55 pm
Operator :
Client ID : ICAL 10
Lab ID : 10ppb; TO1510B
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 15 10:20:52 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.087	129	495626	10.503	ppbv	97
50)	2-Hexanone(MBK)	10.000	43	488292	9.790	ppbv#	84
51)	1,2-Dibromoethane(EDB)	10.223	107	420476	10.291	ppbv	93
52)	Tetrachloroethene	10.476	166	382881	10.333	ppbv	94
54)	1,1,1,2-Tetrachloroethane	10.831	131	325535	10.309	ppbv	98
55)	Chlorobenzene	10.851	112	554645	10.174	ppbv	85
56)	Ethylbenzene	11.036	91	913050	9.876	ppbv	97
57)	m,p-Xylene	11.128	91	1401594	20.070	ppbv	98
58)	Bromoform	11.210	173	502198	10.665	ppbv	97
59)	Styrene	11.333	104	534892	10.072	ppbv	97
60)	1,1,2,2-Tetrachloroethane	11.395	83	524565	9.984	ppbv	99
61)	o-Xylene	11.395	91	699564	9.498	ppbv	99
64)	Isopropylbenzene	11.723	105	1129870	10.845	ppbv	94
66)	4-Ethyltoluene	12.092	105	1031288	9.858	ppbv	98
67)	1,3,5-Trimethylbenzene	12.133	105	797219	9.824	ppbv	99
68)	1,2,4-Trimethylbenzene	12.379	105	859929	9.915	ppbv	95
70)	Benzyl chloride	12.482	91	733636	10.888	ppbv	99
71)	1,3-Dichlorobenzene	12.492	146	578743	9.785	ppbv	94
72)	1,4-Dichlorobenzene	12.533	146	565250	10.093	ppbv	97
73)	sec-Butylbenzene	12.543	105	1166972	9.571	ppbv	99
74)	4-Isopropyltoluene	12.636	119	1142460	9.666	ppbv	97
75)	1,2-Dichlorobenzene	12.749	146	556816	10.030	ppbv	94
76)	n-Butylbenzene	12.903	91	1020693	9.951	ppbv	97
77)	1,2,4-Trichlorobenzene	13.908	180	502896	10.641	ppbv	99
78)	Naphthalene	14.011	128	1019354	10.266	ppbv#	99
79)	Hexachlorobutadiene	14.247	225	524183	9.819	ppbv	98
81]	1,2-Dichlorotetrafluor...	4.181	85	470800	9.572	ppbv	93
82]	Vinyl Chloride(sim)	4.283	62	207925	9.919	ppbv	100
83]	Bromomethane(sim)	4.623	94	179206	9.163	ppbv#	98
84]	Trichlorofluoromethane...	5.329	101	524243	10.146	ppbv#	97
85]	1,2-Dichloroethane(sim)	7.747	62	291002	9.672	ppbv	95
86]	1,1,1-Trichloroethane(...	7.908	97	451039	10.059	ppbv#	98
87]	Benzene(sim)	8.179	78	561108	8.797	ppbv	90
88]	Carbon Tetrachloride(sim)	8.275	117	468378	10.204	ppbv	96
89]	1,1-Dichloroethene(sim)	5.761	61	327749	9.809	ppbv	97
90]	Trichlorotrifluoroetha...	6.016	101	392999	9.505	ppbv#	95
91]	Trans-1,2-Dichloroethe...	6.454	61	305839	8.698	ppbv	95
92]	1,1-Dichloroethane(sim)	6.586	63	394149	9.908	ppbv	98
93]	Cis-1,2-Dichloroethene...	7.101	61	289319	9.552	ppbv	91
94]	Chloroform(sim)	7.283	83	404391	9.847	ppbv	97
96]	1,2-dichloropropane(sim)	8.660	63	278955	10.362	ppbv#	83
97]	Bromodichloromethane(sim)	8.768	83	439298	9.922	ppbv	94
98]	Trichloroethene(sim)	8.796	130	288292	8.872	ppbv	95
99]	1,4-Dioxane(sim)	8.858	88	118735	10.358	ppbv	87
100]	cis-1,3-Dichloropropen...	9.278	75	393171	10.761	ppbv	98
101]	1,1,2-Trichloroethane(...	9.680	97	248845	9.768	ppbv	91
102]	Dibromochloromethane(sim)	10.093	129	521170	11.285	ppbv	99
103]	1,2-Dibromoethane(EDB)...	10.223	107	420476	9.906	ppbv	93
104]	Tetrachloroethene(sim)	10.471	166	415131	9.902	ppbv	96
106]	Bromoform(sim)	11.216	173	540156	11.204	ppbv	98
107]	m,p-Xylene(sim)	11.128	91	1403952	17.032	ppbv	99
108]	1,1,2,2-Tetrachloroeth...	11.400	83	541020	8.800	ppbv	99
111]	Benzyl chloride(sim)	12.482	91	733636	10.813	ppbv	99
112]	1,3-Dichlorobenzene(sim)	12.498	146	660195	8.334	ppbv	96
113]	1,4-Dichlorobenzene(sim)	12.533	146	565250	8.789	ppbv	97

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_16.D
Acq On : 13 Dec 2024 8:55 pm
Operator :
Client ID : ICAL 10
Lab ID : 10ppb; TO1510B
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 15 10:20:52 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

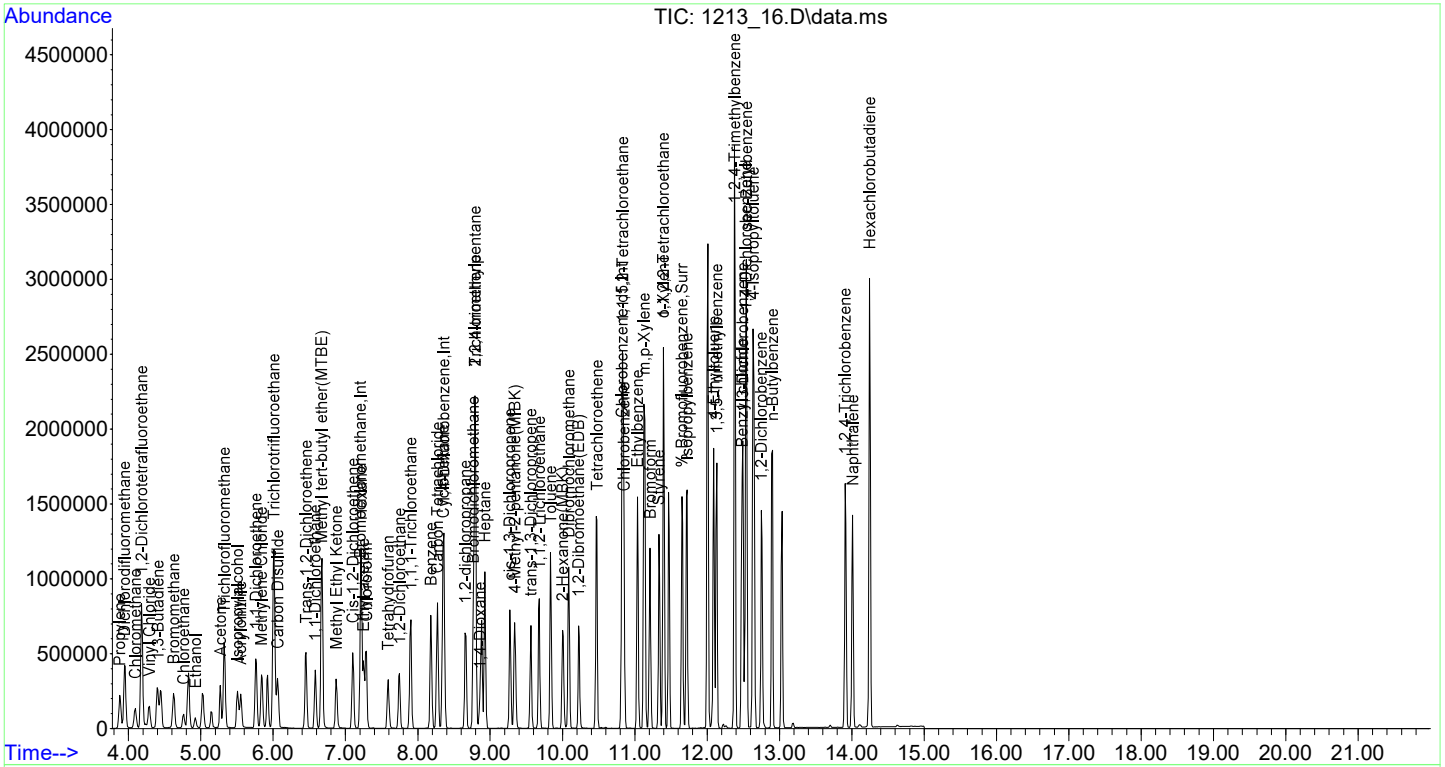
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	1262986	8.103 ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	1142460	8.569 ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	622210	8.917 ppbv	96
117] n-Butylbenzene(sim)	12.903	91	1020693	8.719 ppbv	97
118] 1,2,4-Trichlorobenzene...	13.914	180	554731	4.263 ppbv	97

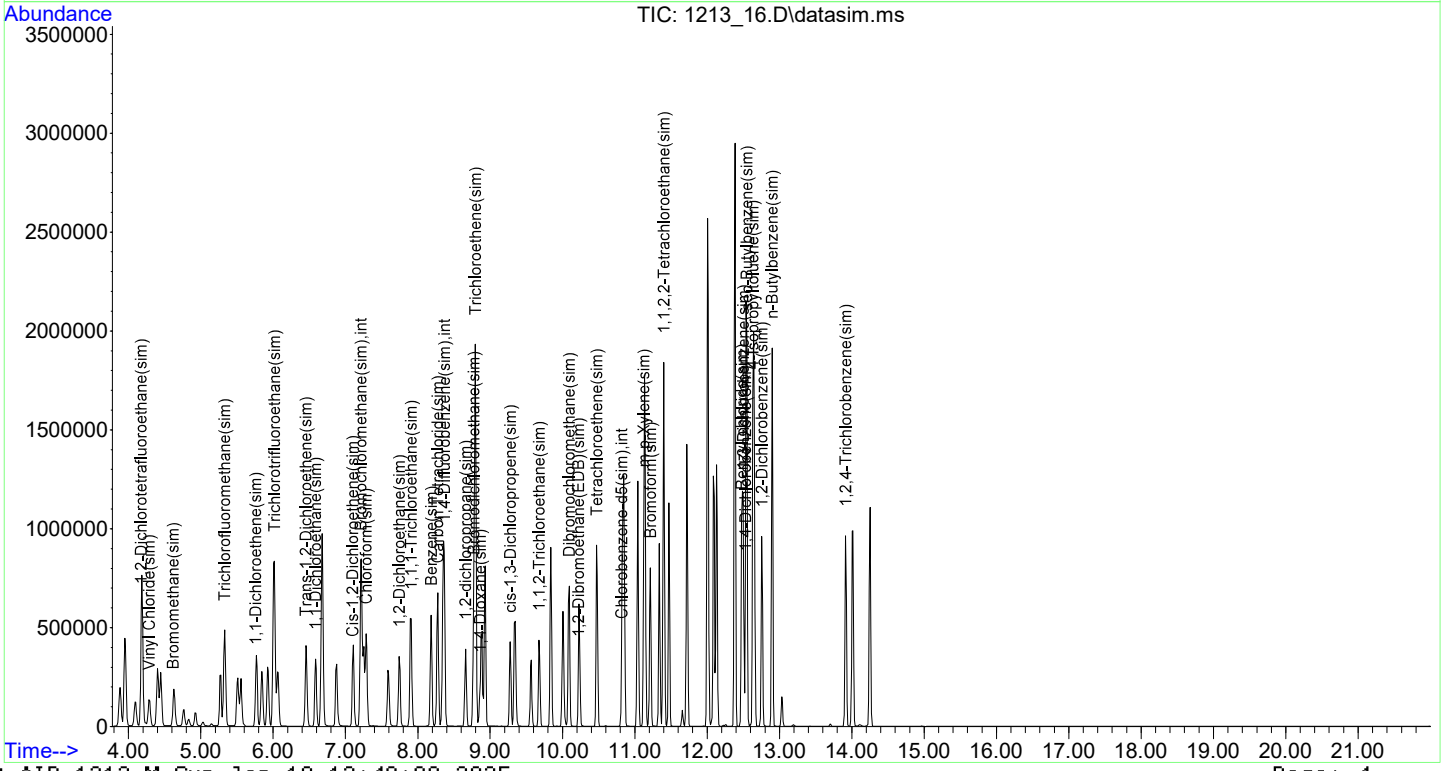
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (RF) (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_16.D
Acq On : 13 Dec 2024 8:55 pm
Operator :
Client ID : ICAL 10
Lab ID : 10ppb; TO1510B
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 15 10:20:52 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration





AIR ICV RECOVERY

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No: SAS No: SDG No GCS34475

ICV - Client Id: ICV_CHEM20_1213

COMPOUND	SPIKE ADDED (ppbv)		ICV CONCENTRATION (ppbv)	ICV % REC #	QC. LIMITS REC.	
Propylene	10		8.808	88	70	130
Dichlorodifluoromethane	10		10.23	102	70	130
Chloromethane	10		9.872	99	70	130
1,2-Dichlorotetrafluoroethane	10		10.30	103	70	130
Vinyl Chloride	10		10.02	100	70	130
1,3-Butadiene	10		9.726	97	70	130
Bromomethane	10		9.823	98	70	130
Chloroethane	10		9.701	97	70	130
Ethanol	10		5.374	54 *	70	130
Acetone	10		9.546	95	70	130
Trichlorofluoromethane	10		10.22	102	70	130
Isopropylalcohol	10		9.075	91	70	130
Acrylonitrile	10		9.012	90	70	130
1,1-Dichloroethene	10		10.19	102	70	130
Methylene Chloride	10		9.564	96	70	130
Carbon Disulfide	10		9.912	99	70	130
Trichlorotrifluoroethane	10		10.09	101	70	130
Trans-1,2-Dichloroethene	10		9.955	100	70	130
1,1-Dichloroethane	10		10.08	101	70	130
Methyl tert-butyl ether(MTBE)	10		9.441	94	70	130
Methyl Ethyl Ketone	10		9.531	95	70	130
Cis-1,2-Dichloroethene	10		10.03	100	70	130
Hexane	10		10.02	100	70	130
Chloroform	10		10.04	100	70	130
Ethyl acetate	10		12.38	124	70	130
Tetrahydrofuran	10		10.02	100	70	130
1,2-Dichloroethane	10		10.14	101	70	130
1,1,1-Trichloroethane	10		10.11	101	70	130
Benzene	10		9.960	100	70	130
Carbon Tetrachloride	10		10.10	101	70	130
Cyclohexane	10		9.682	97	70	130
1,2-dichloropropane	10		10.31	103	70	130
Bromodichloromethane	10		10.26	103	70	130
Trichloroethene	10		10.18	102	70	130
2,2,4-trimethylpentane	10		9.869	99	70	130
1,4-Dioxane	10		10.17	102	70	130
Heptane	10		9.291	93	70	130
cis-1,3-Dichloropropene	10		10.33	103	70	130
4-Methyl-2-pentanone(MIBK)	10		9.989	100	70	130
trans-1,3-Dichloropropene	10		10.21	102	70	130
1,1,2-Trichloroethane	10		10.22	102	70	130
Toluene	10		10.10	101	70	130
Dibromochloromethane	10		10.38	104	70	130
2-Hexanone(MBK)	10		9.751	98	70	130

FORM III AIR

AIR ICV RECOVERY

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No: SAS No: SDG No GCS34475

ICV - Client Id: ICV_CHEM20_1213

COMPOUND	SPIKE ADDED (ppbv)		ICV CONCENTRATION (ppbv)	ICV % REC #	QC. LIMITS REC.	
1,2-Dibromoethane(EDB)	10		10.28	103	70	130
Tetrachloroethene	10		10.24	102	70	130
1,1,1,2-Tetrachloroethane	10		10.03	100	70	130
Chlorobenzene	10		10.17	102	70	130
Ethylbenzene	10		9.890	99	70	130
m,p-Xylene	20		19.70	99	70	130
Bromoform	10		10.34	103	70	130
Styrene	10		9.874	99	70	130
1,1,2,2-Tetrachloroethane	10		9.842	98	70	130
o-Xylene	10		9.537	95	70	130
Isopropylbenzene	10		10.54	105	70	130
4-Ethyltoluene	10		9.668	97	70	130
1,3,5-Trimethylbenzene	10		9.578	96	70	130
1,2,4-Trimethylbenzene	10		9.735	97	70	130
Benzyl chloride	10		10.02	100	70	130
1,3-Dichlorobenzene	10		9.487	95	70	130
1,4-Dichlorobenzene	10		9.662	97	70	130
sec-Butylbenzene	10		9.009	90	70	130
4-Isopropyltoluene	10		8.980	90	70	130
1,2-Dichlorobenzene	10		9.639	96	70	130
n-Butylbenzene	10		8.988	90	70	130
1,2,4-Trichlorobenzene	10		7.467	75	70	130
Naphthalene	10		7.053	71	70	130
Hexachlorobutadiene(sim)	10		7.603	76	70	130

FORM III AIR

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_17.D
Acq On : 13 Dec 2024 9:28 pm
Operator :
Client ID : ICV_CHEM20_1213
Lab ID : 10ppb lcs; TO1510A
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 15 10:21:10 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.216	130	182415	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.360	114	658839	10.000	ng		0.00
53) Chlorobenzene-d5	10.821	82	366459	10.000	ng		0.00
80) Bromochloromethane(sim)	7.211	130	194903	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.360	114	658839	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.821	82	366459	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.651	95	475201	9.873	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.70%				
Target Compounds							Qvalue
2) Propylene	3.890	41	159520	8.808	ppbv		95
3) Dichlorodifluoromethane	3.955	85	494552	10.226	ppbv		95
4) Chloromethane	4.095	50	177826	9.872	ppbv		96
5) 1,2-Dichlorotetrafluor...	4.181	85	483160	10.299	ppbv		93
6) Vinyl Chloride	4.289	62	194368	10.024	ppbv		100
7) 1,3-Butadiene	4.407	54	153542	9.726	ppbv		97
8) Bromomethane	4.623	94	182150	9.823	ppbv#		97
9) Chloroethane	4.763	64	88496	9.701	ppbv		92
11) Ethanol	4.925	45	47793	5.374	ppbv#		79
12) Acetone	5.269	43	302591	9.546	ppbv#		83
13) Trichlorofluoromethane	5.323	101	508890	10.223	ppbv		98
14) Isopropylalcohol	5.507	45	373101	9.075	ppbv		95
15) Acrylonitrile	5.561	53	149931	9.012	ppbv		91
16) 1,1-Dichloroethene	5.770	61	335078	10.194	ppbv		97
17) Methylene Chloride	5.847	49	232893	9.564	ppbv		98
20) Carbon Disulfide	6.063	76	492466	9.912	ppbv		99
21) Trichlorotrifluoroethane	6.011	101	389502	10.086	ppbv		92
22) Trans-1,2-Dichloroethene	6.455	61	309573	9.955	ppbv		95
23) 1,1-Dichloroethane	6.589	63	363104	10.077	ppbv		98
24) Methyl tert-butyl ethe...	6.667	73	475374	9.441	ppbv		94
25) Methyl Ethyl Ketone	6.872	43	412021	9.531	ppbv		95
26) Cis-1,2-Dichloroethene	7.101	61	292994	10.032	ppbv		91
27) Hexane	7.216	57	316561	10.020	ppbv#		75
28) Chloroform	7.288	83	388650	10.039	ppbv		95
29) Ethyl acetate	7.247	61	81971	12.375	ppbv		99
30) Tetrahydrofuran	7.591	42	213279	10.017	ppbv		96
31) 1,2-Dichloroethane	7.747	62	296386	10.141	ppbv		95
32) 1,1,1-Trichloroethane	7.903	97	420451	10.106	ppbv		99
33) Benzene	8.179	78	570085	9.960	ppbv		92
34) Carbon Tetrachloride	8.270	117	450240	10.101	ppbv		96
35) Cyclohexane	8.349	84	210559	9.682	ppbv		94
37) 1,2-dichloropropane	8.666	63	255447	10.305	ppbv#		77
38) Bromodichloromethane	8.768	83	443094	10.261	ppbv		95
39) Trichloroethene	8.790	130	277095	10.176	ppbv		99
40) 2,2,4-trimethylpentane	8.790	57	955876	9.869	ppbv#		91
41) 1,4-Dioxane	8.858	88	117384	10.166	ppbv		88
43) Heptane	8.926	43	383350	9.291	ppbv		93
44) cis-1,3-Dichloropropene	9.272	75	366704	10.333	ppbv		98
45) 4-Methyl-2-pentanone(M...	9.340	43	513559	9.989	ppbv#		90
46) trans-1,3-Dichloropropene	9.563	75	297641	10.206	ppbv		98
47) 1,1,2-Trichloroethane	9.680	97	249421	10.215	ppbv		95
48) Toluene	9.835	91	720787	10.104	ppbv		97

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_17.D
Acq On : 13 Dec 2024 9:28 pm
Operator :
Client ID : ICV_CHEM20_1213
Lab ID : 10ppb lcs; TO1510A
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 15 10:21:10 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.088	129	496674	10.378	ppbv	98
50)	2-Hexanone(MBK)	10.000	43	493196	9.751	ppbv#	84
51)	1,2-Dibromoethane(EDB)	10.223	107	425922	10.279	ppbv	93
52)	Tetrachloroethene	10.476	166	384905	10.243	ppbv	94
54)	1,1,1,2-Tetrachloroethane	10.831	131	321924	10.031	ppbv	97
55)	Chlorobenzene	10.852	112	563616	10.172	ppbv	85
56)	Ethylbenzene	11.036	91	929275	9.889	ppbv	97
57)	m,p-Xylene	11.128	91	1398017	19.697	ppbv	98
58)	Bromoform	11.210	173	494658	10.336	ppbv	98
59)	Styrene	11.333	104	532933	9.874	ppbv	97
60)	1,1,2,2-Tetrachloroethane	11.395	83	525547	9.842	ppbv	99
61)	o-Xylene	11.395	91	713935	9.537	ppbv	99
64)	Isopropylbenzene	11.723	105	1116352	10.543	ppbv	94
66)	4-Ethyltoluene	12.092	105	1027873	9.668	ppbv	98
67)	1,3,5-Trimethylbenzene	12.133	105	789922	9.578	ppbv	99
68)	1,2,4-Trimethylbenzene	12.379	105	858107	9.735	ppbv	94
70)	Benzyl chloride	12.482	91	686091	10.019	ppbv	99
71)	1,3-Dichlorobenzene	12.492	146	570283	9.487	ppbv	94
72)	1,4-Dichlorobenzene	12.533	146	549897	9.661	ppbv	97
73)	sec-Butylbenzene	12.544	105	1116358	9.009	ppbv	99
74)	4-Isopropyltoluene	12.636	119	1078702	8.979	ppbv	97
75)	1,2-Dichlorobenzene	12.749	146	543845	9.639	ppbv	94
76)	n-Butylbenzene	12.903	91	936984	8.988	ppbv	97
77)	1,2,4-Trichlorobenzene	13.908	180	358644	7.467	ppbv	99
78)	Naphthalene	14.011	128	711779	7.053	ppbv#	98
79)	Hexachlorobutadiene	14.247	225	412537	7.604	ppbv	97
81]	1,2-Dichlorotetrafluor...	4.181	85	481776	9.597	ppbv	93
82]	Vinyl Chloride(sim)	4.294	62	209275	9.781	ppbv	100
83]	Bromomethane(sim)	4.623	94	182150	9.125	ppbv#	97
84]	Trichlorofluoromethane...	5.329	101	533572	10.117	ppbv#	97
85]	1,2-Dichloroethane(sim)	7.747	62	296386	9.651	ppbv	95
86]	1,1,1-Trichloroethane(...	7.909	97	459192	10.033	ppbv#	98
87]	Benzene(sim)	8.179	78	570081	8.756	ppbv	91
88]	Carbon Tetrachloride(sim)	8.275	117	474592	10.130	ppbv	97
89]	1,1-Dichloroethene(sim)	5.770	61	335078	9.826	ppbv	97
90]	Trichlorotrifluoroetha...	6.017	101	405826	9.616	ppbv#	95
91]	Trans-1,2-Dichloroethe...	6.455	61	309573	8.626	ppbv	95
92]	1,1-Dichloroethane(sim)	6.586	63	404719	9.968	ppbv	98
93]	Cis-1,2-Dichloroethene...	7.101	61	292994	9.477	ppbv	91
94]	Chloroform(sim)	7.284	83	410140	9.785	ppbv	97
96]	1,2-dichloropropane(sim)	8.660	63	280739	10.283	ppbv#	83
97]	Bromodichloromethane(sim)	8.768	83	443094	9.869	ppbv	95
98]	Trichloroethene(sim)	8.796	130	293501	8.907	ppbv	95
99]	1,4-Dioxane(sim)	8.858	88	117384	10.098	ppbv	88
100]	cis-1,3-Dichloropropen...	9.278	75	396508	10.701	ppbv	98
101]	1,1,2-Trichloroethane(...	9.680	97	249421	9.654	ppbv	91
102]	Dibromochloromethane(sim)	10.093	129	523705	11.182	ppbv	99
103]	1,2-Dibromoethane(EDB)...	10.223	107	425922	9.894	ppbv	93
104]	Tetrachloroethene(sim)	10.472	166	420067	9.880	ppbv	96
106]	Bromoform(sim)	11.216	173	531815	10.854	ppbv	98
107]	m,p-Xylene(sim)	11.128	91	1400496	16.717	ppbv	99
108]	1,1,2,2-Tetrachloroeth...	11.400	83	541043	8.659	ppbv	99
111]	Benzyl chloride(sim)	12.482	91	686091	9.949	ppbv	99
112]	1,3-Dichlorobenzene(sim)	12.498	146	647546	8.043	ppbv	96
113]	1,4-Dichlorobenzene(sim)	12.533	146	549897	8.413	ppbv	97

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_17.D
Acq On : 13 Dec 2024 9:28 pm
Operator :
Client ID : ICV_CHEM20_1213
Lab ID : 10ppb lcs; TO1510A
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 15 10:21:10 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

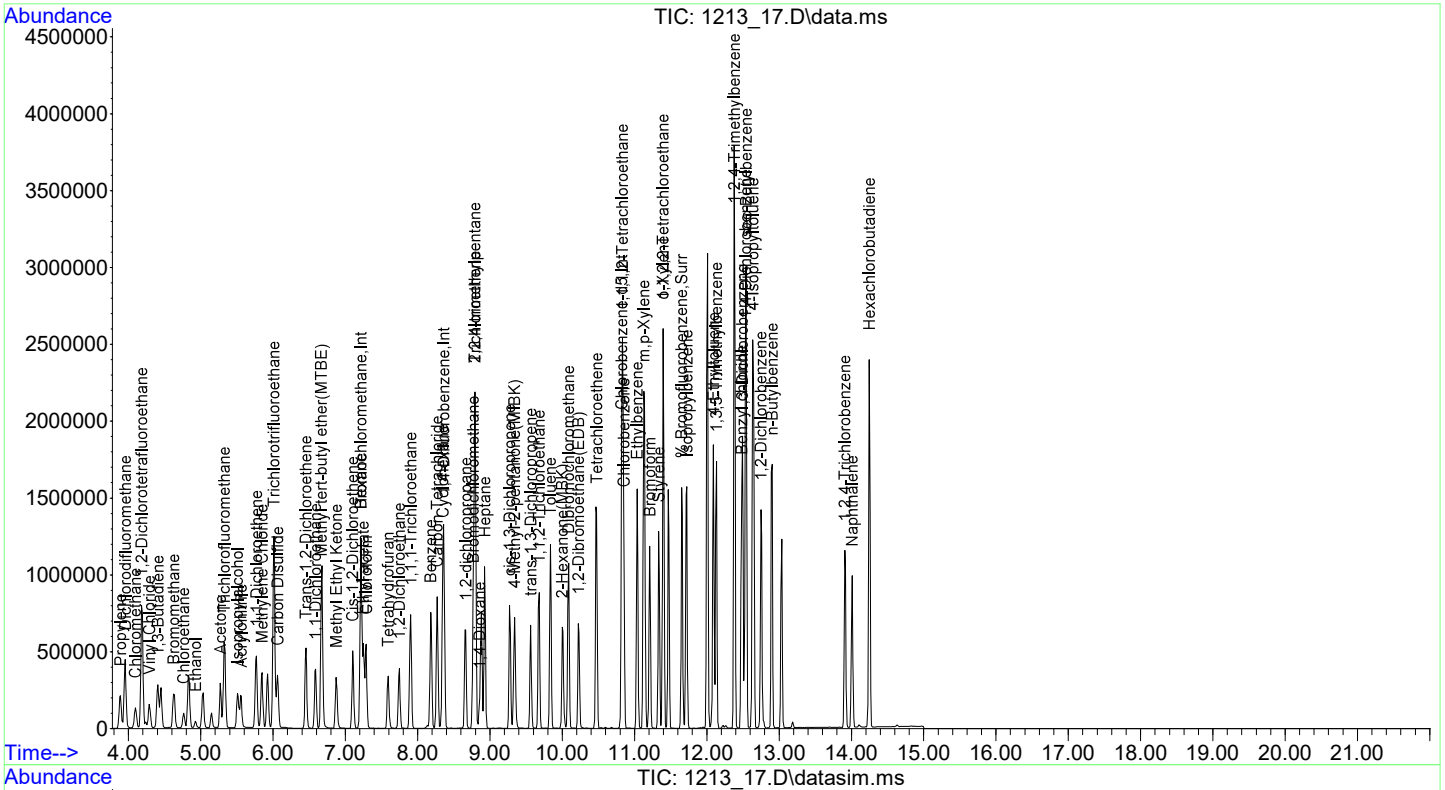
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	1204921	7.606	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	1078702	7.960	ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	606433	8.552	ppbv	96
117] n-Butylbenzene(sim)	12.903	91	936984	7.875	ppbv	97
118] 1,2,4-Trichlorobenzene...	13.914	180	394652	3.415	ppbv	97

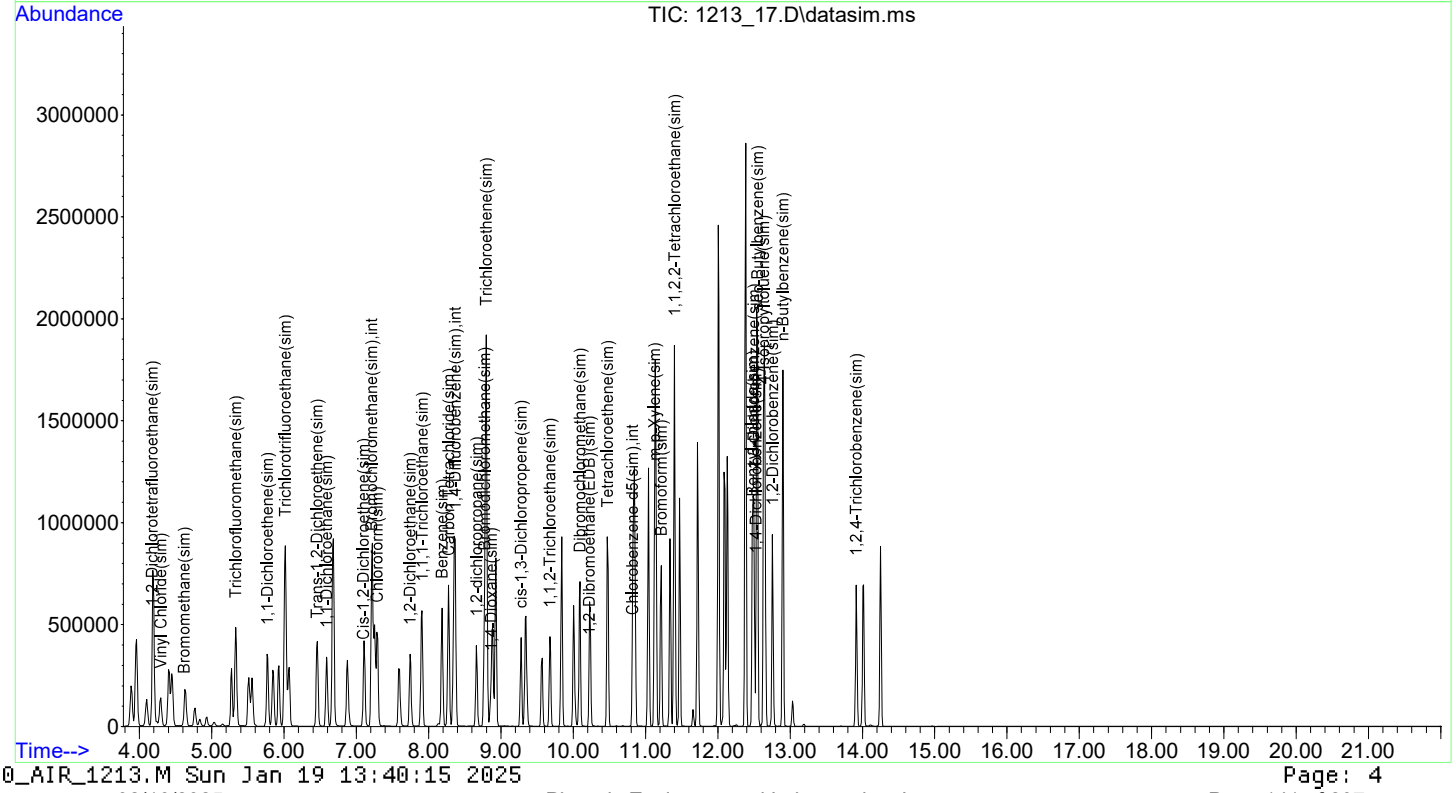
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\13A\
Data File : 1213_17.D
Acq On : 13 Dec 2024 9:28 pm
Operator :
Client ID : ICV_CHEM20_1213
Lab ID : 10ppb lcs; TO1510A
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 15 10:21:10 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration





7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS34475

Instrument: CHEM20 Calibration Date: 12/23/24 Time: 12:11

Lab File Id: 1223_02.D Init. Calib. Date(s): 12/13/24 12/13/24

Heated Purge (Y/N): Y Init. Calib. Times: 14:25 20:55

GC Column: RTX-1 60M Method File: 20_AIR_1213.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
Propylene	0.993	0.907		8.7	30
Dichlorodifluoromethane	2.651	2.507		5.4	30
Chloromethane	0.987	1.012		-2.5	30
1,2-Dichlorotetrafluoroethane	2.572	2.615		-1.7	30
Vinyl Chloride	1.063	1.082		-1.8	30
1,3-Butadiene	0.865	0.879		-1.6	30
Bromomethane	1.017	0.988		2.9	30
Chloroethane	0.500	0.473		5.4	30
Ethanol	0.488	0.448		8.2	30
Acetone	1.738	1.717		1.2	30
Trichlorofluoromethane	2.729	2.840		-4.1	30
Isopropylalcohol	2.254	2.227		1.2	30
Acrylonitrile	0.912	0.960		-5.3	30
1,1-Dichloroethene	1.802	1.813		-0.6	30
Methylene Chloride	1.335	1.386		-3.8	30
Carbon Disulfide	2.724	2.791		-2.5	30
Trichlorotrifluoroethane	2.117	2.216		-4.7	30
Trans-1,2-Dichloroethene	1.705	1.664		2.4	30
1,1-Dichloroethane	1.975	2.025		-2.5	30
Methyl tert-butyl ether(MTBE)	2.760	2.466		10.7	30
Methyl Ethyl Ketone	2.370	2.281		3.8	30
Cis-1,2-Dichloroethene	1.601	1.565		2.2	30
Hexane	1.732	1.671		3.5	30
Chloroform	2.122	2.069		2.5	30
Ethyl acetate	0.363	0.355		2.2	30
Tetrahydrofuran	1.167	1.038		11.1	30
1,2-Dichloroethane	1.602	1.501		6.3	30
1,1,1-Trichloroethane	2.281	2.050		10.1	30
Benzene	3.138	2.967		5.4	30
Carbon Tetrachloride	2.443	2.115		13.4	30
Cyclohexane	1.192	1.138		4.5	30
1,2-dichloropropane	0.376	0.377		-0.3	30
Bromodichloromethane	0.655	0.588		10.2	30
Trichloroethene	0.413	0.437		-5.8	30
2,2,4-trimethylpentane	1.470	1.492		-1.5	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS34475

Instrument: CHEM20 Calibration Date: 12/23/24 Time: 12:11

Lab File Id: 1223_02.D Init. Calib. Date(s): 12/13/24 12/13/24

Heated Purge (Y/N): Y Init. Calib. Times: 14:25 20:55

GC Column: RTX-1 60M Method File: 20_AIR_1213.M

COMPOUND	RRF	RRF1	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.175	0.183		-4.6	30
Heptane	0.626	0.649		-3.7	30
cis-1,3-Dichloropropene	0.539	0.491		8.9	30
4-Methyl-2-pentanone(MIBK)	0.780	0.771		1.2	30
trans-1,3-Dichloropropene	0.443	0.377		14.9	30
1,1,2-Trichloroethane	0.371	0.359		3.2	30
Toluene	1.083	1.048		3.2	30
Dibromochloromethane	0.726	0.656		9.6	30
2-Hexanone(MBK)	0.768	0.725		5.6	30
1,2-Dibromoethane(EDB)	0.629	0.625		0.6	30
Tetrachloroethene	0.570	0.603		-5.8	30
1,1,1,2-Tetrachloroethane	0.876	0.917		-4.7	30
Chlorobenzene	1.512	1.753		-15.9	30
Ethylbenzene	2.564	2.738		-6.8	30
m,p-Xylene	1.937	1.712		11.6	30
Bromoform	1.306	1.337		-2.4	30
Styrene	1.473	1.612		-9.4	30
1,1,2,2-Tetrachloroethane	1.457	1.682		-15.4	30
o-Xylene	2.043	2.254		-10.3	30
Isopropylbenzene	2.889	3.114		-7.8	30
4-Ethyltoluene	2.901	3.252		-12.1	30
1,3,5-Trimethylbenzene	2.251	2.538		-12.7	30
1,2,4-Trimethylbenzene	2.405	2.679		-11.4	30
Benzyl chloride	1.869	1.579		15.5	30
1,3-Dichlorobenzene	1.640	1.958		-19.4	30
1,4-Dichlorobenzene	1.553	1.864		-20.0	30
sec-Butylbenzene	3.382	3.912		-15.7	30
4-Isopropyltoluene	3.278	3.696		-12.8	30
1,2-Dichlorobenzene	1.540	1.822		-18.3	30
n-Butylbenzene	2.845	3.132		-10.1	30
1,2,4-Trichlorobenzene	1.311	1.364		-4.0	30
Naphthalene	2.754	2.715		1.4	30
Hexachlorobutadiene	1.480	1.733		-17.1	30
1,2-Dichlorotetrafluoroethane(sim)	2.576	2.426		5.8	30
Vinyl Chloride(sim)	1.098	1.094		0.4	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS34475

Instrument: CHEM20 Calibration Date: 12/23/24 Time: 12:11

Lab File Id: 1223_02.D Init. Calib. Date(s): 12/13/24 12/13/24

Heated Purge (Y/N): Y Init. Calib. Times: 14:25 20:55

GC Column: RTX-1 60M Method File: 20_AIR_1213.M

COMPOUND		RRF	RRF1	RRF MIN	%D	% D LIMITS
Bromomethane(sim)		1.024	0.917		10.4	30
Trichlorofluoromethane(sim)		2.706	2.821		-4.2	30
1,2-Dichloroethane(sim)		1.576	1.393		11.6	30
1,1,1-Trichloroethane(sim)		2.348	2.106		10.3	30
Benzene(sim)		3.340	2.753		17.6	30
Carbon Tetrachloride(sim)		2.404	2.092		13.0	30
1,1-Dichloroethene(sim)		1.750	1.682		3.9	30
Trichlorotrifluoroethane(sim)		2.165	2.215		-2.3	30
Trans-1,2-Dichloroethene(sim)		1.841	1.544		16.1	30
1,1-Dichloroethane(sim)		2.083	2.065		0.9	30
Cis-1,2-Dichloroethene(sim)		1.586	1.452		8.4	30
Chloroform(sim)		2.151	2.087		3.0	30
1,2-dichloropropane(sim)		0.414	0.426		-2.9	30
Bromodichloromethane(sim)		0.681	0.588		13.7	30
Trichloroethene(sim)		0.500	0.468		6.4	30
1,4-Dioxane(sim)		0.176	0.183		-4.0	30
cis-1,3-Dichloropropene(sim)		0.562	0.529		5.9	30
1,1,2-Trichloroethane(sim)		0.392	0.359		8.4	30
Dibromochloromethane(sim)		0.711	0.721		-1.4	30
1,2-Dibromoethane(EDB)(sim)		0.653	0.625		4.3	30
Tetrachloroethene(sim)		0.645	0.671		-4.0	30
Bromoform(sim)		1.337	1.488		-11.3	30
m,p-Xylene(sim)		2.286	2.140		6.4	30
1,1,2,2-Tetrachloroethane(sim)		1.705	1.824		-7.0	30
Benzyl chloride(sim)		1.882	1.579		16.1	30
1,3-Dichlorobenzene(sim)		2.197	2.296		-4.5	30
1,4-Dichlorobenzene(sim)		1.784	1.864		-4.5	30
sec-Butylbenzene(sim)		4.323	4.308		0.3	30
4-Isopropyltoluene(sim)		3.698	3.696		0.1	30
1,2-Dichlorobenzene(sim)		1.935	2.099		-8.5	30
n-Butylbenzene(sim)		3.247	3.132		3.5	30
1,2,4-Trichlorobenzene(sim)	li	1.000	0.87		13.0	20
Hexachlorobutadiene(sim)	qfi	1.000	1.06		-6.0	20
% Bromofluorobenzene		1.313	1.357		-3.4	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

Evaluate Continuing Calibration Report

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_02.D
Acq On : 23 Dec 2024 12:11 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1512N - 1ppb ccal; TO1512N
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 23 12:47:11 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

Note: Curves (l,lf,q,qf) display calculated concentration.
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.20min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%
1	Int	Bromochloromethane	1.000	1.000	0.0	92
2		Propylene	0.993	0.907	8.7	
3		Dichlorodifluoromethane	2.651	2.507	5.4	
4		Chloromethane	0.987	1.012	-2.5	
5		1,2-Dichlorotetrafluoroetha	2.572	2.615	-1.7	
6		Vinyl Chloride	1.063	1.082	-1.8	
7		1,3-Butadiene	0.865	0.879	-1.6	
8		Bromomethane	1.017	0.988	2.9	
9		Chloroethane	0.500	0.473	5.4	
11		Ethanol	0.488	0.448	8.2	
12		Acetone	1.738	1.717	1.2	
13		Trichlorofluoromethane	2.729	2.840	-4.1	
14		Isopropylalcohol	2.254	2.227	1.2	
15		Acrylonitrile	0.912	0.960	-5.3	
16		1,1-Dichloroethene	1.802	1.813	-0.6	
17		Methylene Chloride	1.335	1.386	-3.8	
20		Carbon Disulfide	2.724	2.791	-2.5	
21		Trichlorotrifluoroethane	2.117	2.216	-4.7	
22		Trans-1,2-Dichloroethene	1.705	1.664	2.4	
23		1,1-Dichloroethane	1.975	2.025	-2.5	
24		Methyl tert-butyl ether(MTB	2.760	2.466	10.7	
25		Methyl Ethyl Ketone	2.370	2.281	3.8	
26		Cis-1,2-Dichloroethene	1.601	1.565	2.2	
27		Hexane	1.732	1.671	3.5	
28		Chloroform	2.122	2.069	2.5	
29		Ethyl acetate	0.363	0.355	2.2	
30		Tetrahydrofuran	1.167	1.038	11.1	
31		1,2-Dichloroethane	1.602	1.501	6.3	
32		1,1,1-Trichloroethane	2.281	2.050	10.1	
33		Benzene	3.138	2.967	5.4	
34		Carbon Tetrachloride	2.443	2.115	13.4	
35		Cyclohexane	1.192	1.138	4.5	
36	Int	1,4-Difluorobenzene	1.000	1.000	0.0	89
37		1,2-dichloropropane	0.376	0.377	-0.3	
38		Bromodichloromethane	0.655	0.588	10.2	
39		Trichloroethene	0.413	0.437	-5.8	
40		2,2,4-trimethylpentane	1.470	1.492	-1.5	
41		1,4-Dioxane	0.175	0.183	-4.6	
43		Heptane	0.626	0.649	-3.7	
44		cis-1,3-Dichloropropene	0.539	0.491	8.9	
45		4-Methyl-2-pentanone(MIBK)	0.780	0.771	1.2	
46		trans-1,3-Dichloropropene	0.443	0.377	14.9	
47		1,1,2-Trichloroethane	0.371	0.359	3.2	
48		Toluene	1.083	1.048	3.2	
49		Dibromochloromethane	0.726	0.656	9.6	
50		2-Hexanone(MBK)	0.768	0.725	5.6	
51		1,2-Dibromoethane(EDB)	0.629	0.625	0.6	
52		Tetrachloroethene	0.570	0.603	-5.8	
53	Int	Chlorobenzene-d5	1.000	1.000	0.0	83

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_02.D
Acq On : 23 Dec 2024 12:11 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1512N - 1ppb ccal; TO1512N
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 23 12:47:11 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

Note: Curves (l,lf,q,qf) display calculated concentration.
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.20min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%
54		1,1,1,2-Tetrachloroethane	0.876	0.917	-4.7	
55		Chlorobenzene	1.512	1.753	-15.9	
56		Ethylbenzene	2.564	2.738	-6.8	
57		m,p-Xylene	1.937	1.712	11.6	
58		Bromoform	1.306	1.337	-2.4	
59		Styrene	1.473	1.612	-9.4	
60		1,1,2,2-Tetrachloroethane	1.457	1.682	-15.4	
61		o-Xylene	2.043	2.254	-10.3	
62	Surr	% Bromofluorobenzene	1.313	1.357	-3.4	
64		Isopropylbenzene	2.889	3.114	-7.8	
66		4-Ethyltoluene	2.901	3.252	-12.1	
67		1,3,5-Trimethylbenzene	2.251	2.538	-12.7	
68		1,2,4-Trimethylbenzene	2.405	2.679	-11.4	
70		Benzyl chloride	1.869	1.579	15.5	
71		1,3-Dichlorobenzene	1.640	1.958	-19.4	
72		1,4-Dichlorobenzene	1.553	1.864	-20.0	
73		sec-Butylbenzene	3.382	3.912	-15.7	
74		4-Isopropyltoluene	3.278	3.696	-12.8	
75		1,2-Dichlorobenzene	1.540	1.822	-18.3	
76		n-Butylbenzene	2.845	3.132	-10.1	
77		1,2,4-Trichlorobenzene	1.311	1.364	-4.0	
78		Naphthalene	2.754	2.715	1.4	
79		Hexachlorobutadiene	1.480	1.733	-17.1	
80	int	Bromochloromethane(sim)	1.000	1.000	0.0	93
81		1,2-Dichlorotetrafluoroetha	2.576	2.426	5.8	
82		Vinyl Chloride(sim)	1.098	1.094	0.4	
83		Bromomethane(sim)	1.024	0.917	10.4	
84		Trichlorofluoromethane(sim)	2.706	2.821	-4.2	
85		1,2-Dichloroethane(sim)	1.576	1.393	11.6	
86		1,1,1-Trichloroethane(sim)	2.348	2.106	10.3	
87		Benzene(sim)	3.340	2.753	17.6	
88		Carbon Tetrachloride(sim)	2.404	2.092	13.0	
89		1,1-Dichloroethene(sim)	1.750	1.682	3.9	
90		Trichlorotrifluoroethane(si	2.165	2.215	-2.3	
91		Trans-1,2-Dichloroethene(si	1.841	1.544	16.1	
92		1,1-Dichloroethane(sim)	2.083	2.065	0.9	
93		Cis-1,2-Dichloroethene(sim)	1.586	1.452	8.4	
94		Chloroform(sim)	2.151	2.087	3.0	
95	int	1,4-Difluorobenzene(sim)	1.000	1.000	0.0	89
96		1,2-dichloropropane(sim)	0.414	0.426	-2.9	
97		Bromodichloromethane(sim)	0.681	0.588	13.7	
98		Trichloroethene(sim)	0.500	0.468	6.4	
99		1,4-Dioxane(sim)	0.176	0.183	-4.0	
100		cis-1,3-Dichloropropene(sim	0.562	0.529	5.9	
101		1,1,2-Trichloroethane(sim)	0.392	0.359	8.4	
102		Dibromochloromethane(sim)	0.711	0.721	-1.4	
103		1,2-Dibromoethane(EDB)(sim)	0.653	0.625	4.3	
104		Tetrachloroethene(sim)	0.645	0.671	-4.0	

Evaluate Continuing Calibration Report

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_02.D
Acq On : 23 Dec 2024 12:11 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1512N - 1ppb ccal; TO1512N
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 23 12:47:11 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

Note: Curves (l,lf,q,qf) display calculated concentration.
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.20min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%
105	int	Chlorobenzene-d5(sim)	1.000	1.000	0.0	83
106		Bromoform(sim)	1.337	1.488	-11.3	
107		m,p-Xylene(sim)	2.286	2.140	6.4	
108		1,1,2,2-Tetrachloroethane(s	1.705	1.824	-7.0	
111		Benzyl chloride(sim)	1.882	1.579	16.1	
112		1,3-Dichlorobenzene(sim)	2.197	2.296	-4.5	
113		1,4-Dichlorobenzene(sim)	1.784	1.864	-4.5	
114		sec-Butylbenzene(sim)	4.323	4.308	0.3	
115		4-Isopropyltoluene(sim)	3.698	3.696	0.1	
116		1,2-Dichlorobenzene(sim)	1.935	2.099	-8.5	
117		n-Butylbenzene(sim)	3.247	3.132	3.5	
118	qf	1,2,4-Trichlorobenzene(sim)	1.000	0.865	13.5	
119	qf	Hexachlorobutadiene(sim)	1.000	1.056	-5.6	

(#)=Out of Range l=linear, lf=liner(0,0), q=quadratic, qf=quadratic(0,0)
Laboratory Warning Limits Out = 0

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_02.D
Acq On : 23 Dec 2024 12:11 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1512N - 1ppb ccal; TO1512N
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 23 12:47:11 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.205	130	182929	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.360	114	648268	10.000	ng		0.00
53) Chlorobenzene-d5	10.821	82	311712	10.000	ng		0.00
80) Bromochloromethane(sim)	7.211	130	197166	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.360	114	648105	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.821	82	311712	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.651	95	422897	10.330	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.30%				
Target Compounds							Qvalue
2) Propylene	3.879	41	16598	0.914	ppbv		94
3) Dichlorodifluoromethane	3.944	85	45860	0.946	ppbv		95
4) Chloromethane	4.084	50	18520	1.025	ppbv		95
5) 1,2-Dichlorotetrafluor...	4.181	85	47833	1.017	ppbv		94
6) Vinyl Chloride	4.278	62	19794	1.018	ppbv		97
7) 1,3-Butadiene	4.396	54	16077	1.016	ppbv		96
8) Bromomethane	4.623	94	18075	0.972	ppbv#		95
9) Chloroethane	4.763	64	8656	0.946	ppbv		89
11) Ethanol	4.957	45	8191	0.918	ppbv#		80
12) Acetone	5.302	43	31408	0.988	ppbv#		85
13) Trichlorofluoromethane	5.323	101	51945	1.041	ppbv		96
14) Isopropylalcohol	5.561	45	40741	0.988	ppbv#		93
15) Acrylonitrile	5.571	53	17567	1.053	ppbv#		90
16) 1,1-Dichloroethene	5.761	61	33165	1.006	ppbv		97
17) Methylene Chloride	5.839	49	25348	1.038	ppbv		92
20) Carbon Disulfide	6.063	76	51064	1.025	ppbv		100
21) Trichlorotrifluoroethane	6.011	101	40542	1.047	ppbv		94
22) Trans-1,2-Dichloroethene	6.455	61	30443	0.976	ppbv		96
23) 1,1-Dichloroethane	6.581	63	37050	1.025	ppbv		95
24) Methyl tert-butyl ethe...	6.707	73	45109	0.893	ppbv#		95
25) Methyl Ethyl Ketone	6.913	43	41725	0.962	ppbv#		97
26) Cis-1,2-Dichloroethene	7.101	61	28626	0.977	ppbv		90
27) Hexane	7.216	57	30561	0.965	ppbv#		72
28) Chloroform	7.278	83	37854	0.975	ppbv		95
29) Ethyl acetate	7.278	61	6488	0.977	ppbv#		91
30) Tetrahydrofuran	7.611	42	18989	0.889	ppbv		95
31) 1,2-Dichloroethane	7.747	62	27461	0.937	ppbv		96
32) 1,1,1-Trichloroethane	7.903	97	37504	0.899	ppbv		98
33) Benzene	8.179	78	54277	0.946	ppbv		92
34) Carbon Tetrachloride	8.270	117	38688	0.866	ppbv		97
35) Cyclohexane	8.349	84	20826	0.955	ppbv		91
37) 1,2-dichloropropane	8.666	63	24428	1.002	ppbv#		78
38) Bromodichloromethane	8.768	83	38099	0.897	ppbv		93
39) Trichloroethene	8.790	130	28323	1.057	ppbv		96
40) 2,2,4-trimethylpentane	8.790	57	96730	1.015	ppbv#		90
41) 1,4-Dioxane	8.915	88	11852	1.043	ppbv		95
43) Heptane	8.926	43	42066	1.036	ppbv#		86
44) cis-1,3-Dichloropropene	9.272	75	31835	0.912	ppbv		98
45) 4-Methyl-2-pentanone(M...	9.369	43	49982	0.988	ppbv#		91
46) trans-1,3-Dichloropropene	9.563	75	24430	0.851	ppbv		98
47) 1,1,2-Trichloroethane	9.680	97	23249	0.968	ppbv		97
48) Toluene	9.835	91	67944	0.968	ppbv		96

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_02.D
Acq On : 23 Dec 2024 12:11 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1512N - 1ppb ccal; TO1512N
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 23 12:47:11 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.088	129	42536	0.903	ppbv	99
50)	2-Hexanone(MBK)	10.029	43	47001	0.944	ppbv#	86
51)	1,2-Dibromoethane(EDB)	10.223	107	40516	0.994	ppbv	92
52)	Tetrachloroethene	10.466	166	39073	1.057	ppbv	94
54)	1,1,1,2-Tetrachloroethane	10.831	131	28575	1.047	ppbv	98
55)	Chlorobenzene	10.852	112	54656	1.160	ppbv	90
56)	Ethylbenzene	11.036	91	85347	1.068	ppbv	99
57)	m,p-Xylene	11.128	91	133408	2.210	ppbv	97
58)	Bromoform	11.210	173	41686	1.024	ppbv	97
59)	Styrene	11.333	104	50250	1.094	ppbv	99
60)	1,1,2,2-Tetrachloroethane	11.395	83	52429	1.154	ppbv	97
61)	o-Xylene	11.395	91	70263	1.103	ppbv	98
64)	Isopropylbenzene	11.723	105	97056	1.078	ppbv	99
66)	4-Ethyltoluene	12.092	105	101355	1.121	ppbv	97
67)	1,3,5-Trimethylbenzene	12.133	105	79115	1.128	ppbv	97
68)	1,2,4-Trimethylbenzene	12.379	105	83497	1.114	ppbv	96
70)	Benzyl chloride	12.482	91	49219	0.845	ppbv	99
71)	1,3-Dichlorobenzene	12.492	146	61020	1.193	ppbv	94
72)	1,4-Dichlorobenzene	12.533	146	58092	1.200	ppbv	98
73)	sec-Butylbenzene	12.544	105	121938	1.157	ppbv	99
74)	4-Isopropyltoluene	12.636	119	115213	1.128	ppbv	97
75)	1,2-Dichlorobenzene	12.749	146	56804	1.184	ppbv	95
76)	n-Butylbenzene	12.903	91	97641	1.101	ppbv	96
77)	1,2,4-Trichlorobenzene	13.908	180	42512	1.041	ppbv	98
78)	Naphthalene	14.011	128	84615	0.986	ppbv#	98
79)	Hexachlorobutadiene	14.247	225	54008	1.170	ppbv	97
81]	1,2-Dichlorotetrafluor...	4.181	85	47839	0.942	ppbv	94
82]	Vinyl Chloride(sim)	4.283	62	21563	0.996	ppbv	100
83]	Bromomethane(sim)	4.623	94	18075	0.895	ppbv#	95
84]	Trichlorofluoromethane...	5.329	101	55620	1.043	ppbv#	97
85]	1,2-Dichloroethane(sim)	7.747	62	27461	0.884	ppbv	96
86]	1,1,1-Trichloroethane(...	7.909	97	41531	0.897	ppbv#	97
87]	Benzene(sim)	8.179	78	54277	0.824	ppbv	90
88]	Carbon Tetrachloride(sim)	8.275	117	41240	0.870	ppbv	96
89]	1,1-Dichloroethene(sim)	5.761	61	33165	0.961	ppbv	97
90]	Trichlorotrifluoroetha...	6.008	101	43682	1.023	ppbv#	95
91]	Trans-1,2-Dichloroethe...	6.455	61	30443	0.839	ppbv	96
92]	1,1-Dichloroethane(sim)	6.586	63	40721	0.991	ppbv	97
93]	Cis-1,2-Dichloroethene...	7.101	61	28626	0.915	ppbv	90
94]	Chloroform(sim)	7.284	83	41153	0.971	ppbv	97
96]	1,2-dichloropropane(sim)	8.660	63	27608	1.028	ppbv#	82
97]	Bromodichloromethane(sim)	8.768	83	38099	0.863	ppbv	93
98]	Trichloroethene(sim)	8.796	130	30310	0.935	ppbv	97
99]	1,4-Dioxane(sim)	8.915	88	11852	1.036	ppbv	95
100]	cis-1,3-Dichloropropen...	9.278	75	34276	0.940	ppbv	98
101]	1,1,2-Trichloroethane(...	9.680	97	23249	0.915	ppbv	93
102]	Dibromochloromethane(sim)	10.093	129	46724	1.014	ppbv	100
103]	1,2-Dibromoethane(EDB)...	10.223	107	40516	0.957	ppbv	92
104]	Tetrachloroethene(sim)	10.472	166	43482	1.040	ppbv	97
106]	Bromoform(sim)	11.216	173	46371	1.113	ppbv	98
107]	m,p-Xylene(sim)	11.128	91	133408	1.872	ppbv	98
108]	1,1,2,2-Tetrachloroeth...	11.400	83	56841	1.069	ppbv	99
111]	Benzyl chloride(sim)	12.482	91	49219	0.839	ppbv	99
112]	1,3-Dichlorobenzene(sim)	12.498	146	71578	1.045	ppbv	97
113]	1,4-Dichlorobenzene(sim)	12.533	146	58092	1.045	ppbv	98

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_02.D
Acq On : 23 Dec 2024 12:11 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1512N - 1ppb ccal; TO1512N
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 23 12:47:11 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

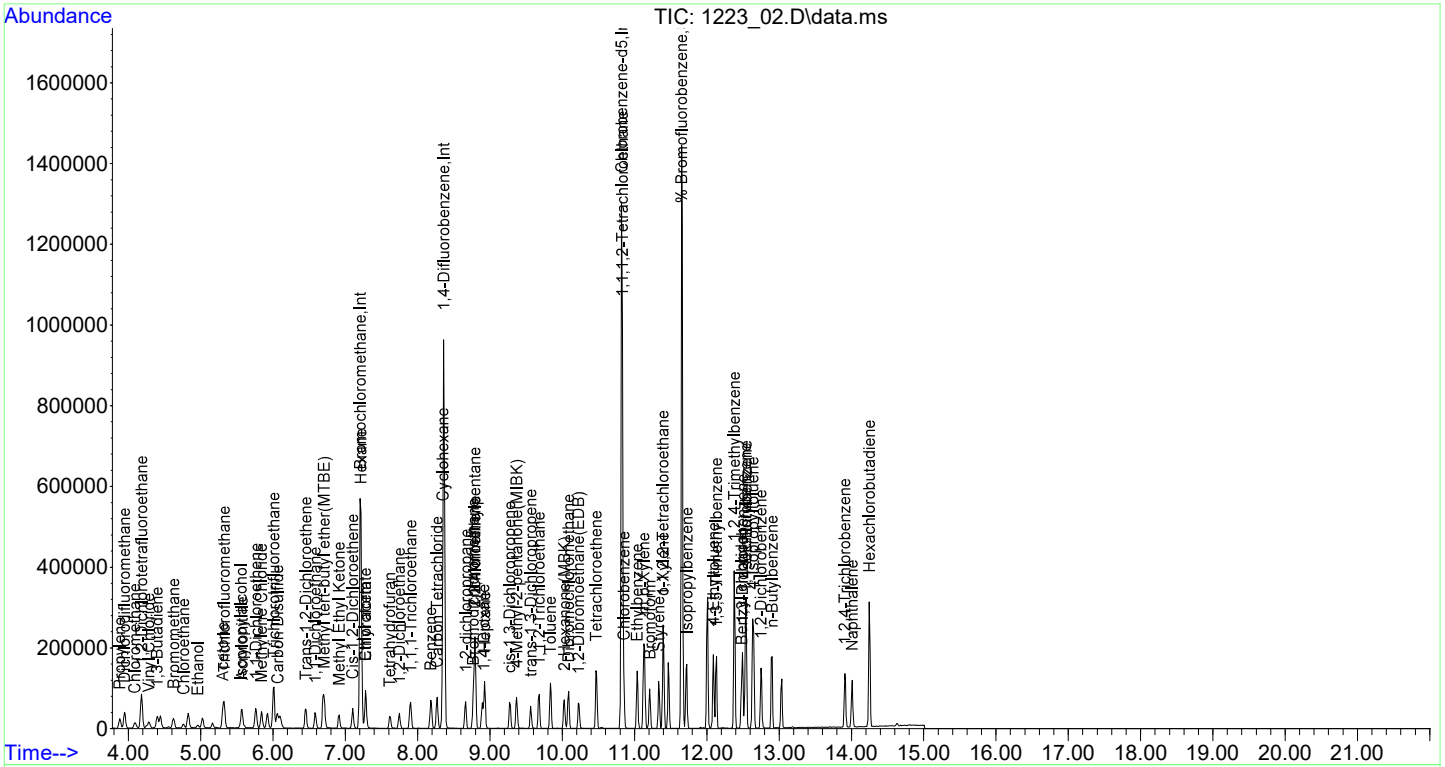
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	134270	0.996	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	115213	1.000	ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	65421	1.085	ppbv	97
117] n-Butylbenzene(sim)	12.903	91	97641	0.965	ppbv	96
118] 1,2,4-Trichlorobenzene...	13.914	180	48110	0.865	ppbv	99
119] Hexachlorobutadiene(sim)	14.247	225	54008	1.056	ppbv	97

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_02.D
Acq On : 23 Dec 2024 12:11 pm
Operator :
Client ID : BFB TUNE - CCAL 1
Lab ID : 1ppb ccal; TO1512N - 1ppb ccal; TO1512N
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 23 12:47:11 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration



7A
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS34475

Instrument: CHEM20 Calibration Date: 12/24/24 Time: 10:35

Lab File Id: 1224_01.D Init. Calib. Date(s): 12/13/24 12/13/24

Heated Purge (Y/N): Y Init. Calib. Times: 14:25 20:55

GC Column: RTX-1 60M Method File: 20_AIR_1213.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
Propylene	0.993	0.870		12.4	30
Dichlorodifluoromethane	2.651	2.524		4.8	30
Chloromethane	0.987	1.011		-2.4	30
1,2-Dichlorotetrafluoroethane	2.572	2.554		0.7	30
Vinyl Chloride	1.063	1.024		3.7	30
1,3-Butadiene	0.865	0.846		2.2	30
Bromomethane	1.017	0.992		2.5	30
Chloroethane	0.500	0.446		10.8	30
Ethanol	0.488	0.450		7.8	30
Acetone	1.738	1.743		-0.3	30
Trichlorofluoromethane	2.729	2.771		-1.5	30
Isopropylalcohol	2.254	2.134		5.3	30
Acrylonitrile	0.912	0.934		-2.4	30
1,1-Dichloroethene	1.802	1.797		0.3	30
Methylene Chloride	1.335	1.453		-8.8	30
Carbon Disulfide	2.724	2.697		1.0	30
Trichlorotrifluoroethane	2.117	2.161		-2.1	30
Trans-1,2-Dichloroethene	1.705	1.550		9.1	30
1,1-Dichloroethane	1.975	1.905		3.5	30
Methyl tert-butyl ether(MTBE)	2.760	2.328		15.7	30
Methyl Ethyl Ketone	2.370	2.228		6.0	30
Cis-1,2-Dichloroethene	1.601	1.467		8.4	30
Hexane	1.732	1.633		5.7	30
Chloroform	2.122	2.030		4.3	30
Ethyl acetate	0.363	0.337		7.2	30
Tetrahydrofuran	1.167	1.044		10.5	30
1,2-Dichloroethane	1.602	1.469		8.3	30
1,1,1-Trichloroethane	2.281	2.074		9.1	30
Benzene	3.138	2.804		10.6	30
Carbon Tetrachloride	2.443	2.075		15.1	30
Cyclohexane	1.192	1.073		10.0	30
1,2-dichloropropane	0.376	0.367		2.4	30
Bromodichloromethane	0.655	0.636		2.9	30
Trichloroethene	0.413	0.435		-5.3	30
2,2,4-trimethylpentane	1.470	1.454		1.1	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS34475

Instrument: CHEM20 Calibration Date: 12/24/24 Time: 10:35

Lab File Id: 1224_01.D Init. Calib. Date(s): 12/13/24 12/13/24

Heated Purge (Y/N): Y Init. Calib. Times: 14:25 20:55

GC Column: RTX-1 60M Method File: 20_AIR_1213.M

COMPOUND	RRF	RRF50	RRF MIN	%D	% D LIMITS
1,4-Dioxane	0.175	0.186		-6.3	30
Heptane	0.626	0.627		-0.2	30
cis-1,3-Dichloropropene	0.539	0.459		14.8	30
4-Methyl-2-pentanone(MIBK)	0.780	0.727		6.8	30
trans-1,3-Dichloropropene	0.443	0.362		18.3	30
1,1,2-Trichloroethane	0.371	0.356		4.0	30
Toluene	1.083	1.008		6.9	30
Dibromochloromethane	0.726	0.694		4.4	30
2-Hexanone(MBK)	0.768	0.707		7.9	30
1,2-Dibromoethane(EDB)	0.629	0.611		2.9	30
Tetrachloroethene	0.570	0.596		-4.6	30
1,1,1,2-Tetrachloroethane	0.876	0.930		-6.2	30
Chlorobenzene	1.512	1.743		-15.3	30
Ethylbenzene	2.564	2.609		-1.8	30
m,p-Xylene	1.937	1.660		14.3	30
Bromoform	1.306	1.367		-4.7	30
Styrene	1.473	1.500		-1.8	30
1,1,2,2-Tetrachloroethane	1.457	1.625		-11.5	30
o-Xylene	2.043	2.131		-4.3	30
Isopropylbenzene	2.889	3.021		-4.6	30
4-Ethyltoluene	2.901	3.205		-10.5	30
1,3,5-Trimethylbenzene	2.251	2.443		-8.5	30
1,2,4-Trimethylbenzene	2.405	2.616		-8.8	30
Benzyl chloride	1.869	1.573		15.8	30
1,3-Dichlorobenzene	1.640	1.921		-17.1	30
1,4-Dichlorobenzene	1.553	1.888		-21.6	30
sec-Butylbenzene	3.382	3.747		-10.8	30
4-Isopropyltoluene	3.278	3.559		-8.6	30
1,2-Dichlorobenzene	1.540	1.852		-20.3	30
n-Butylbenzene	2.845	3.038		-6.8	30
1,2,4-Trichlorobenzene	1.311	1.334		-1.8	30
Naphthalene	2.754	2.677		2.8	30
Hexachlorobutadiene	1.480	1.724		-16.5	30
1,2-Dichlorotetrafluoroethane(sim)	2.576	2.363		8.3	30
Vinyl Chloride(sim)	1.098	1.061		3.4	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

7B
AIR CONTINUING CALIBRATION CHECK

Lab Name: Phoenix Environmental Labs Client: SESI-NYSAMPLES

Lab Code: Phoenix Case No.: SAS No.: SDG No.: GCS34475

Instrument: CHEM20 Calibration Date: 12/24/24 Time: 10:35

Lab File Id: 1224_01.D Init. Calib. Date(s): 12/13/24 12/13/24

Heated Purge (Y/N): Y Init. Calib. Times: 14:25 20:55

GC Column: RTX-1 60M Method File: 20_AIR_1213.M

COMPOUND		RRF	RRF50	RRF MIN	%D	% D LIMITS
Bromomethane(sim)		1.024	0.918		10.4	30
Trichlorofluoromethane(sim)		2.706	2.784		-2.9	30
1,2-Dichloroethane(sim)		1.576	1.360		13.7	30
1,1,1-Trichloroethane(sim)		2.348	2.091		10.9	30
Benzene(sim)		3.340	2.595		22.3	30
Carbon Tetrachloride(sim)		2.404	2.130		11.4	30
1,1-Dichloroethene(sim)		1.750	1.663		5.0	30
Trichlorotrifluoroethane(sim)		2.165	2.152		0.6	30
Trans-1,2-Dichloroethene(sim)		1.841	1.434		22.1	30
1,1-Dichloroethane(sim)		2.083	2.001		3.9	30
Cis-1,2-Dichloroethene(sim)		1.586	1.358		14.4	30
Chloroform(sim)		2.151	2.030		5.6	30
1,2-dichloropropane(sim)		0.414	0.418		-1.0	30
Bromodichloromethane(sim)		0.681	0.636		6.6	30
Trichloroethene(sim)		0.500	0.467		6.6	30
1,4-Dioxane(sim)		0.176	0.186		-5.7	30
cis-1,3-Dichloropropene(sim)		0.562	0.517		8.0	30
1,1,2-Trichloroethane(sim)		0.392	0.357		8.9	30
Dibromochloromethane(sim)		0.711	0.739		-3.9	30
1,2-Dibromoethane(EDB)(sim)		0.653	0.611		6.4	30
Tetrachloroethene(sim)		0.645	0.677		-5.0	30
Bromoform(sim)		1.337	1.531		-14.5	30
m,p-Xylene(sim)		2.286	2.074		9.3	30
1,1,2,2-Tetrachloroethane(sim)		1.705	1.792		-5.1	30
Benzyl chloride(sim)		1.882	1.573		16.4	30
1,3-Dichlorobenzene(sim)		2.197	2.285		-4.0	30
1,4-Dichlorobenzene(sim)		1.784	1.888		-5.8	30
sec-Butylbenzene(sim)		4.323	4.204		2.8	30
4-Isopropyltoluene(sim)		3.698	3.559		3.8	30
1,2-Dichlorobenzene(sim)		1.935	2.088		-7.9	30
n-Butylbenzene(sim)		3.247	3.038		6.4	30
1,2,4-Trichlorobenzene(sim)	li	1.000	0.87		13.0	20
Hexachlorobutadiene(sim)	qfi	1.000	1.05		-5.0	20
% Bromofluorobenzene		1.313	1.358		-3.4	30

(*) Recommended RRF not met (+) %D exceeds criteria % (#) %D exceeds (maximum) criteria

%D: 20% of target compounds are allowed to be above criteria %, but must be less than the (maximum) %D

(#) Maximum %D not met.

Evaluate Continuing Calibration Report

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1224_01.D
Acq On : 24 Dec 2024 10:35 am
Operator :
Client ID : CCCAL 1
Lab ID : 1ppb ccal; TO1512N
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 25 09:36:17 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

Note: Curves (l,lf,q,qf) display calculated concentration.
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.20min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%
1	Int	Bromochloromethane	1.000	1.000	0.0	87
2		Propylene	0.993	0.870	12.4	
3		Dichlorodifluoromethane	2.651	2.524	4.8	
4		Chloromethane	0.987	1.011	-2.4	
5		1,2-Dichlorotetrafluoroetha	2.572	2.554	0.7	
6		Vinyl Chloride	1.063	1.024	3.7	
7		1,3-Butadiene	0.865	0.846	2.2	
8		Bromomethane	1.017	0.992	2.5	
9		Chloroethane	0.500	0.446	10.8	
11		Ethanol	0.488	0.450	7.8	
12		Acetone	1.738	1.743	-0.3	
13		Trichlorofluoromethane	2.729	2.771	-1.5	
14		Isopropylalcohol	2.254	2.134	5.3	
15		Acrylonitrile	0.912	0.934	-2.4	
16		1,1-Dichloroethene	1.802	1.797	0.3	
17		Methylene Chloride	1.335	1.453	-8.8	
20		Carbon Disulfide	2.724	2.697	1.0	
21		Trichlorotrifluoroethane	2.117	2.161	-2.1	
22		Trans-1,2-Dichloroethene	1.705	1.550	9.1	
23		1,1-Dichloroethane	1.975	1.905	3.5	
24		Methyl tert-butyl ether(MTB	2.760	2.328	15.7	
25		Methyl Ethyl Ketone	2.370	2.228	6.0	
26		Cis-1,2-Dichloroethene	1.601	1.467	8.4	
27		Hexane	1.732	1.633	5.7	
28		Chloroform	2.122	2.030	4.3	
29		Ethyl acetate	0.363	0.337	7.2	
30		Tetrahydrofuran	1.167	1.044	10.5	
31		1,2-Dichloroethane	1.602	1.469	8.3	
32		1,1,1-Trichloroethane	2.281	2.074	9.1	
33		Benzene	3.138	2.804	10.6	
34		Carbon Tetrachloride	2.443	2.075	15.1	
35		Cyclohexane	1.192	1.073	10.0	
36	Int	1,4-Difluorobenzene	1.000	1.000	0.0	83
37		1,2-dichloropropane	0.376	0.367	2.4	
38		Bromodichloromethane	0.655	0.636	2.9	
39		Trichloroethene	0.413	0.435	-5.3	
40		2,2,4-trimethylpentane	1.470	1.454	1.1	
41		1,4-Dioxane	0.175	0.186	-6.3	
43		Heptane	0.626	0.627	-0.2	
44		cis-1,3-Dichloropropene	0.539	0.459	14.8	
45		4-Methyl-2-pentanone(MIBK)	0.780	0.727	6.8	
46		trans-1,3-Dichloropropene	0.443	0.362	18.3	
47		1,1,2-Trichloroethane	0.371	0.356	4.0	
48		Toluene	1.083	1.008	6.9	
49		Dibromochloromethane	0.726	0.694	4.4	
50		2-Hexanone(MBK)	0.768	0.707	7.9	
51		1,2-Dibromoethane(EDB)	0.629	0.611	2.9	
52		Tetrachloroethene	0.570	0.596	-4.6	
53	Int	Chlorobenzene-d5	1.000	1.000	0.0	79

Evaluate Continuing Calibration Report

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1224_01.D
Acq On : 24 Dec 2024 10:35 am
Operator :
Client ID : CCCAL 1
Lab ID : 1ppb ccal; TO1512N
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 25 09:36:17 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

Note: Curves (l,lf,q,qf) display calculated concentration.
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.20min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	
54		1,1,1,2-Tetrachloroethane	0.876	0.930	-6.2		
55		Chlorobenzene	1.512	1.743	-15.3		
56		Ethylbenzene	2.564	2.609	-1.8		
57		m,p-Xylene	1.937	1.660	14.3		
58		Bromoform	1.306	1.367	-4.7		
59		Styrene	1.473	1.500	-1.8		
60		1,1,2,2-Tetrachloroethane	1.457	1.625	-11.5		
61		o-Xylene	2.043	2.131	-4.3		
62	Surr	% Bromofluorobenzene	1.313	1.358	-3.4		
64		Isopropylbenzene	2.889	3.021	-4.6		
66		4-Ethyltoluene	2.901	3.205	-10.5		
67		1,3,5-Trimethylbenzene	2.251	2.443	-8.5		
68		1,2,4-Trimethylbenzene	2.405	2.616	-8.8		
70		Benzyl chloride	1.869	1.573	15.8		
71		1,3-Dichlorobenzene	1.640	1.921	-17.1		
72		1,4-Dichlorobenzene	1.553	1.888	-21.6		
73		sec-Butylbenzene	3.382	3.747	-10.8		
74		4-Isopropyltoluene	3.278	3.559	-8.6		
75		1,2-Dichlorobenzene	1.540	1.852	-20.3		
76		n-Butylbenzene	2.845	3.038	-6.8		
77		1,2,4-Trichlorobenzene	1.311	1.334	-1.8		
78		Naphthalene	2.754	2.677	2.8		
79		Hexachlorobutadiene	1.480	1.724	-16.5		
80	int	Bromochloromethane(sim)	1.000	1.000	0.0	88	
81		1,2-Dichlorotetrafluoroetha	2.576	2.363	8.3		
82		Vinyl Chloride(sim)	1.098	1.061	3.4		
83		Bromomethane(sim)	1.024	0.918	10.4		
84		Trichlorofluoromethane(sim)	2.706	2.784	-2.9		
85		1,2-Dichloroethane(sim)	1.576	1.360	13.7		
86		1,1,1-Trichloroethane(sim)	2.348	2.091	10.9		
87		Benzene(sim)	3.340	2.595	22.3		
88		Carbon Tetrachloride(sim)	2.404	2.130	11.4		
89		1,1-Dichloroethene(sim)	1.750	1.663	5.0		
90		Trichlorotrifluoroethane(si	2.165	2.152	0.6		
91		Trans-1,2-Dichloroethene(si	1.841	1.434	22.1		
92		1,1-Dichloroethane(sim)	2.083	2.001	3.9		
93		Cis-1,2-Dichloroethene(sim)	1.586	1.358	14.4		
94		Chloroform(sim)	2.151	2.030	5.6		
95	int	1,4-Difluorobenzene(sim)	1.000	1.000	0.0	83	
96		1,2-dichloropropane(sim)	0.414	0.418	-1.0		
97		Bromodichloromethane(sim)	0.681	0.636	6.6		
98		Trichloroethene(sim)	0.500	0.467	6.6		
99		1,4-Dioxane(sim)	0.176	0.186	-5.7		
100		cis-1,3-Dichloropropene(sim	0.562	0.517	8.0		
101		1,1,2-Trichloroethane(sim)	0.392	0.357	8.9		
102		Dibromochloromethane(sim)	0.711	0.739	-3.9		
103		1,2-Dibromoethane(EDB)(sim)	0.653	0.611	6.4		
104		Tetrachloroethene(sim)	0.645	0.677	-5.0		

Evaluate Continuing Calibration Report

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1224_01.D
Acq On : 24 Dec 2024 10:35 am
Operator :
Client ID : CCCAL 1
Lab ID : 1ppb ccal; TO1512N
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 25 09:36:17 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

Note: Curves (l,lf,q,qf) display calculated concentration.
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.20min
Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	
105 int	Chlorobenzene-d5(sim)	1.000	1.000	0.0	79	
106	Bromoform(sim)	1.337	1.531	-14.5		
107	m,p-Xylene(sim)	2.286	2.074	9.3		
108	1,1,2,2-Tetrachloroethane(s	1.705	1.792	-5.1		
111	Benzyl chloride(sim)	1.882	1.573	16.4		
112	1,3-Dichlorobenzene(sim)	2.197	2.285	-4.0		
113	1,4-Dichlorobenzene(sim)	1.784	1.888	-5.8		
114	sec-Butylbenzene(sim)	4.323	4.204	2.8		
115	4-Isopropyltoluene(sim)	3.698	3.559	3.8		
116	1,2-Dichlorobenzene(sim)	1.935	2.088	-7.9		
117	n-Butylbenzene(sim)	3.247	3.038	6.4		
118 qf	1,2,4-Trichlorobenzene(sim)	1.000	0.868	13.2		
119 qf	Hexachlorobutadiene(sim)	1.000	1.050	-5.0		

(#)=Out of Range l=linear, lf=liner(0,0), q=quadratic, qf=quadratic(0,0)
Laboratory Warning Limits Out = 0

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1224_01.D
Acq On : 24 Dec 2024 10:35 am
Operator :
Client ID : CCCAL 1
Lab ID : 1ppb ccal; TO1512N
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 25 09:36:17 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.205	130	173561	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.360	114	606931	10.000	ng		0.00
53) Chlorobenzene-d5	10.821	82	294483	10.000	ng		0.00
80) Bromochloromethane(sim)	7.211	130	187558	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.360	114	606884	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.821	82	294483	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.651	95	399798	10.337	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.40%				
Target Compounds							Qvalue
2) Propylene	3.879	41	15094	0.876	ppbv		95
3) Dichlorodifluoromethane	3.944	85	43805	0.952	ppbv		93
4) Chloromethane	4.095	50	17544	1.024	ppbv		92
5) 1,2-Dichlorotetrafluor...	4.181	85	44320	0.993	ppbv		97
6) Vinyl Chloride	4.278	62	17764	0.963	ppbv		99
7) 1,3-Butadiene	4.396	54	14677	0.977	ppbv		95
8) Bromomethane	4.623	94	17211	0.976	ppbv#		96
9) Chloroethane	4.752	64	7739	0.892	ppbv		92
11) Ethanol	4.957	45	7806	0.922	ppbv#		79
12) Acetone	5.302	43	30254	1.003	ppbv		90
13) Trichlorofluoromethane	5.323	101	48098	1.016	ppbv		96
14) Isopropylalcohol	5.561	45	37034	0.947	ppbv#		93
15) Acrylonitrile	5.571	53	16212	1.024	ppbv		93
16) 1,1-Dichloroethene	5.761	61	31186	0.997	ppbv		96
17) Methylene Chloride	5.839	49	25227	1.089	ppbv		90
20) Carbon Disulfide	6.054	76	46812	0.990	ppbv		99
21) Trichlorotrifluoroethane	6.002	101	37504	1.021	ppbv		93
22) Trans-1,2-Dichloroethene	6.447	61	26902	0.909	ppbv		98
23) 1,1-Dichloroethane	6.581	63	33061	0.964	ppbv		97
24) Methyl tert-butyl ethe...	6.707	73	40404	0.843	ppbv#		93
25) Methyl Ethyl Ketone	6.914	43	38663	0.940	ppbv#		99
26) Cis-1,2-Dichloroethene	7.101	61	25468	0.916	ppbv		92
27) Hexane	7.216	57	28346	0.943	ppbv#		74
28) Chloroform	7.278	83	35226	0.956	ppbv		96
29) Ethyl acetate	7.278	61	5846	0.928	ppbv#		83
30) Tetrahydrofuran	7.611	42	18116	0.894	ppbv		100
31) 1,2-Dichloroethane	7.747	62	25499	0.917	ppbv		95
32) 1,1,1-Trichloroethane	7.903	97	35994	0.909	ppbv		96
33) Benzene	8.179	78	48671	0.894	ppbv		92
34) Carbon Tetrachloride	8.270	117	36019	0.849	ppbv		97
35) Cyclohexane	8.349	84	18627	0.900	ppbv		89
37) 1,2-dichloropropane	8.666	63	22269	0.975	ppbv#		76
38) Bromodichloromethane	8.768	83	38592	0.970	ppbv		96
39) Trichloroethene	8.790	130	26423	1.053	ppbv		96
40) 2,2,4-trimethylpentane	8.790	57	88230	0.989	ppbv#		89
41) 1,4-Dioxane	8.915	88	11288	1.061	ppbv		99
43) Heptane	8.926	43	38025	1.000	ppbv#		83
44) cis-1,3-Dichloropropene	9.272	75	27866	0.852	ppbv		99
45) 4-Methyl-2-pentanone(M...	9.369	43	44106	0.931	ppbv#		89
46) trans-1,3-Dichloropropene	9.563	75	21956	0.817	ppbv		98
47) 1,1,2-Trichloroethane	9.680	97	21637	0.962	ppbv		96
48) Toluene	9.835	91	61173	0.931	ppbv		96

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1224_01.D
Acq On : 24 Dec 2024 10:35 am
Operator :
Client ID : CCCAL 1
Lab ID : 1ppb ccal; TO1512N
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 25 09:36:17 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49)	Dibromochloromethane	10.088	129	42147	0.956	ppbv	97
50)	2-Hexanone(MBK)	10.029	43	42906	0.921	ppbv#	86
51)	1,2-Dibromoethane(EDB)	10.223	107	37056	0.971	ppbv	97
52)	Tetrachloroethene	10.466	166	36190	1.045	ppbv	96
54)	1,1,1,2-Tetrachloroethane	10.831	131	27375	1.061	ppbv	96
55)	Chlorobenzene	10.852	112	51314	1.152	ppbv	91
56)	Ethylbenzene	11.036	91	76844	1.018	ppbv	97
57)	m,p-Xylene	11.128	91	122175	2.142	ppbv	97
58)	Bromoform	11.210	173	40247	1.047	ppbv	98
59)	Styrene	11.333	104	44177	1.019	ppbv	99
60)	1,1,2,2-Tetrachloroethane	11.395	83	47855	1.115	ppbv	100
61)	o-Xylene	11.395	91	62745	1.043	ppbv	99
64)	Isopropylbenzene	11.723	105	88953	1.045	ppbv	99
66)	4-Ethyltoluene	12.092	105	94392	1.105	ppbv	97
67)	1,3,5-Trimethylbenzene	12.133	105	71929	1.085	ppbv	98
68)	1,2,4-Trimethylbenzene	12.379	105	77051	1.088	ppbv	94
70)	Benzyl chloride	12.482	91	46308	0.842	ppbv	98
71)	1,3-Dichlorobenzene	12.492	146	56575	1.171	ppbv	95
72)	1,4-Dichlorobenzene	12.533	146	55599	1.216	ppbv	98
73)	sec-Butylbenzene	12.544	105	110329	1.108	ppbv	99
74)	4-Isopropyltoluene	12.636	119	104809	1.086	ppbv	97
75)	1,2-Dichlorobenzene	12.749	146	54550	1.203	ppbv	96
76)	n-Butylbenzene	12.893	91	89451	1.068	ppbv	96
77)	1,2,4-Trichlorobenzene	13.908	180	39270	1.017	ppbv	99
78)	Naphthalene	14.011	128	78840	0.972	ppbv#	99
79)	Hexachlorobutadiene	14.247	225	50756	1.164	ppbv	98
81]	1,2-Dichlorotetrafluor...	4.181	85	44318	0.917	ppbv	97
82]	Vinyl Chloride(sim)	4.284	62	19895	0.966	ppbv	100
83]	Bromomethane(sim)	4.623	94	17211	0.896	ppbv#	96
84]	Trichlorofluoromethane...	5.329	101	52215	1.029	ppbv#	96
85]	1,2-Dichloroethane(sim)	7.747	62	25499	0.863	ppbv	95
86]	1,1,1-Trichloroethane(...	7.898	97	39209	0.890	ppbv#	97
87]	Benzene(sim)	8.179	78	48671	0.777	ppbv	91
88]	Carbon Tetrachloride(sim)	8.275	117	39950	0.886	ppbv	96
89]	1,1-Dichloroethene(sim)	5.761	61	31186	0.950	ppbv	96
90]	Trichlorotrifluoroetha...	6.008	101	40355	0.994	ppbv#	95
91]	Trans-1,2-Dichloroethe...	6.447	61	26902	0.779	ppbv	98
92]	1,1-Dichloroethane(sim)	6.586	63	37528	0.960	ppbv	97
93]	Cis-1,2-Dichloroethene...	7.101	61	25468	0.856	ppbv	92
94]	Chloroform(sim)	7.284	83	38076	0.944	ppbv	97
96]	1,2-dichloropropane(sim)	8.660	63	25338	1.008	ppbv#	82
97]	Bromodichloromethane(sim)	8.768	83	38592	0.933	ppbv	96
98]	Trichloroethene(sim)	8.796	130	28331	0.933	ppbv	97
99]	1,4-Dioxane(sim)	8.915	88	11288	1.054	ppbv	98
100]	cis-1,3-Dichloropropen...	9.278	75	31347	0.918	ppbv	98
101]	1,1,2-Trichloroethane(...	9.680	97	21637	0.909	ppbv	92
102]	Dibromochloromethane(sim)	10.093	129	44832	1.039	ppbv	100
103]	1,2-Dibromoethane(EDB)...	10.223	107	37056	0.935	ppbv	97
104]	Tetrachloroethene(sim)	10.472	166	41071	1.049	ppbv	98
106]	Bromoform(sim)	11.216	173	45074	1.145	ppbv	98
107]	m,p-Xylene(sim)	11.128	91	122175	1.815	ppbv	97
108]	1,1,2,2-Tetrachloroeth...	11.400	83	52767	1.051	ppbv	99
111]	Benzyl chloride(sim)	12.482	91	46308	0.836	ppbv	98
112]	1,3-Dichlorobenzene(sim)	12.498	146	67281	1.040	ppbv	97
113]	1,4-Dichlorobenzene(sim)	12.533	146	55599	1.059	ppbv	98

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1224_01.D
Acq On : 24 Dec 2024 10:35 am
Operator :
Client ID : CCCAL 1
Lab ID : 1ppb ccal; TO1512N
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 25 09:36:17 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

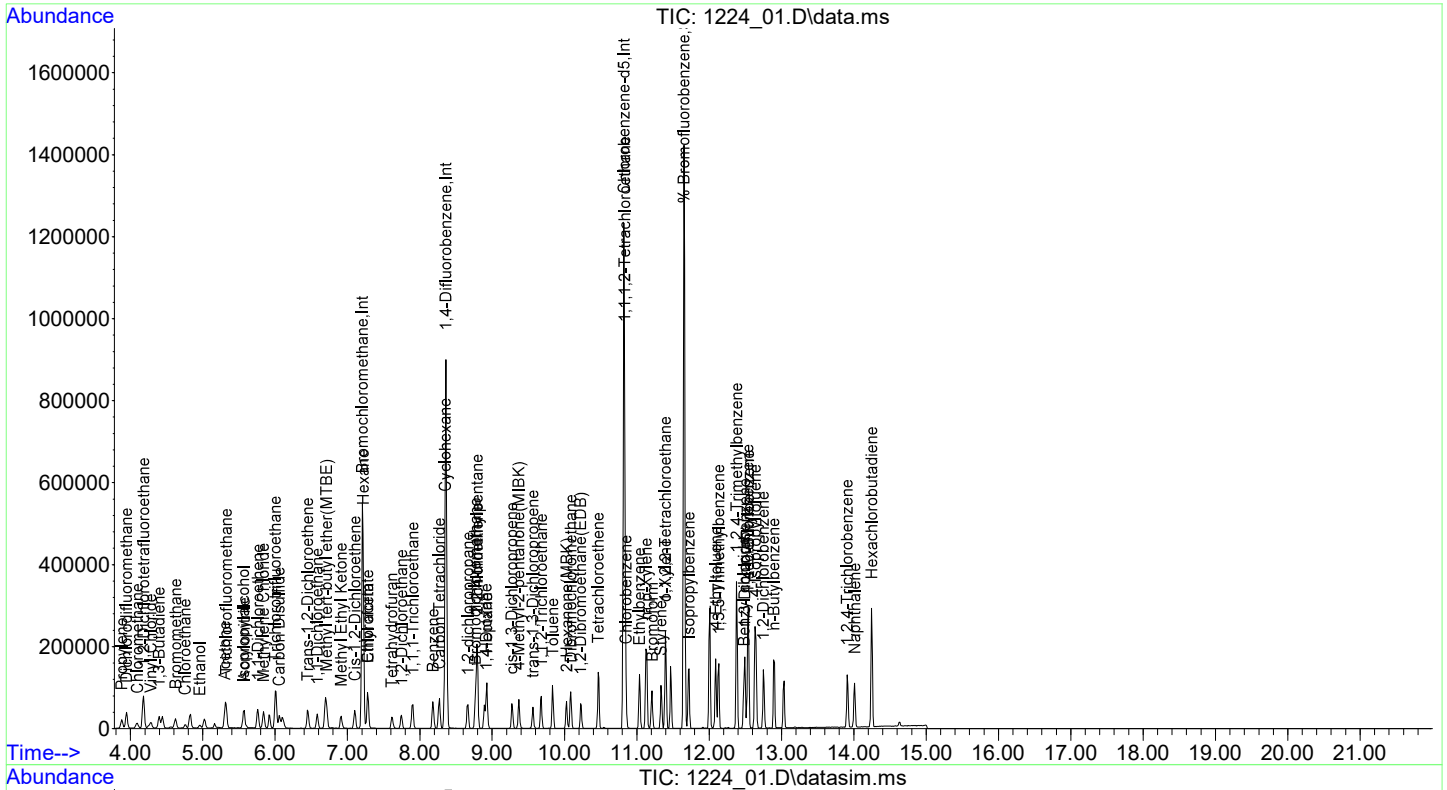
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	123801	0.973	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	104809	0.962	ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	61492	1.079	ppbv	97
117] n-Butylbenzene(sim)	12.893	91	89451	0.936	ppbv	96
118] 1,2,4-Trichlorobenzene...	13.914	180	45640	0.868	ppbv	99
119] Hexachlorobutadiene(sim)	14.247	225	50756	1.050	ppbv	98

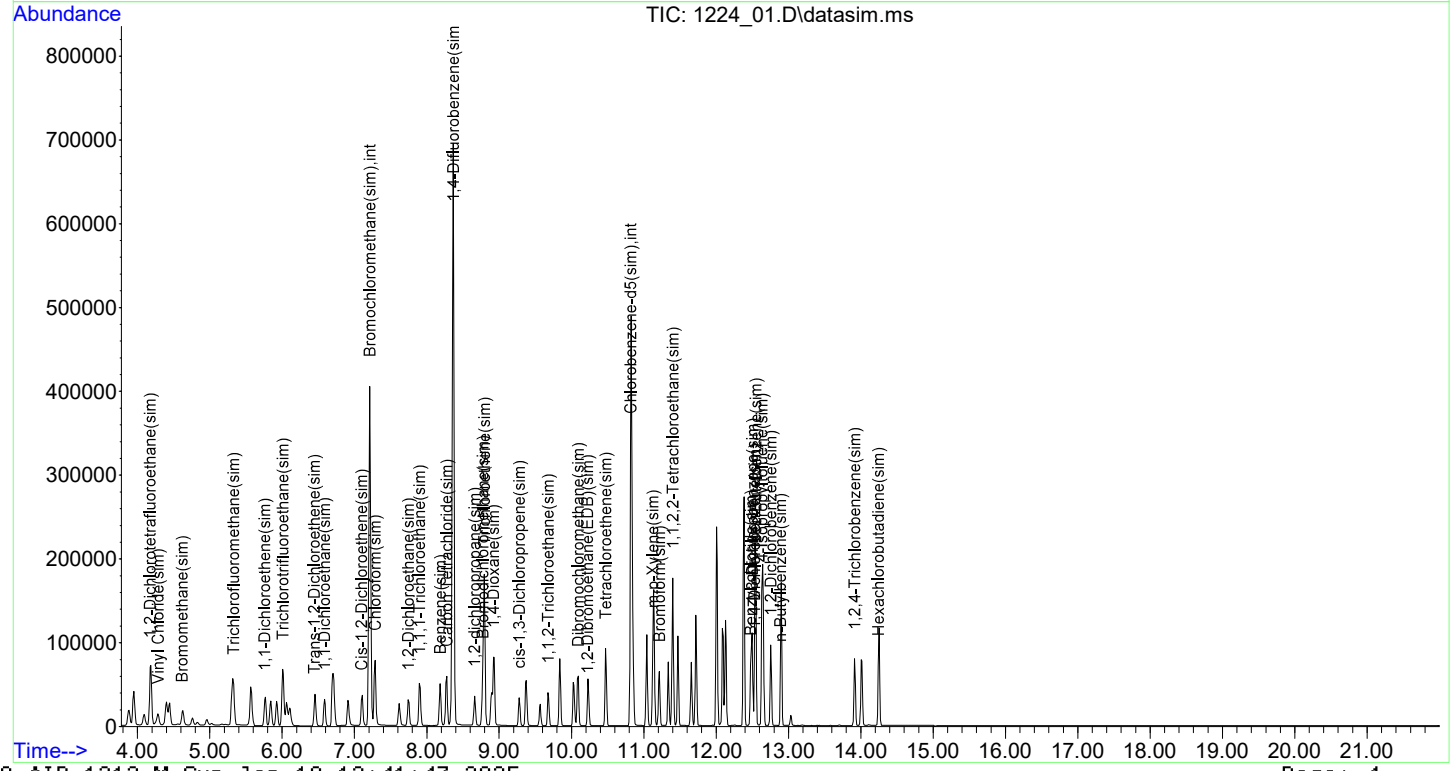
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1224_01.D
Acq On : 24 Dec 2024 10:35 am
Operator :
Client ID : CCCAL 1
Lab ID : 1ppb ccal; TO1512N
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 25 09:36:17 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration





1

AIR ANALYSIS DATA SHEET

CLIENT ID: CS34443 LCS

Client: SESI-NYSAMPLES Lab: Phoenix Env. Labs

SDG No.: GCS34475 Lab Sample ID: CS34443 LCS

Canister: LCS Lab File ID: 1223_04.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 12/23/24

Purge Volume 200 (cc) Date Analyzed: 12/23/24

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	9.15		0.581	0.581	r
75-71-8	Dichlorodifluoromethane	10.2		0.202	0.202	r
74-87-3	Chloromethane	10.5		0.485	0.485	r
76-14-2	1,2-Dichlorotetrafluoroethane	10.5		0.143	0.143	r
75-01-4	Vinyl Chloride	10.3		0.078	0.078	r
106-99-0	1,3-Butadiene	10.1		0.452	0.452	r
74-83-9	Bromomethane	9.75		0.258	0.258	r
75-00-3	Chloroethane	9.59		0.379	0.379	r
64-17-5	Ethanol	5.41		0.531	0.531	r
67-64-1	Acetone	9.47		0.421	0.421	r
75-69-4	Trichlorofluoromethane	10.3		0.178	0.178	r
67-63-0	Isopropylalcohol	9.03		0.407	0.407	r
107-13-1	Acrylonitrile	8.84		0.461	0.461	r
75-35-4	1,1-Dichloroethene	10.2		0.051	0.051	r
75-09-2	Methylene Chloride	10.1		0.863	0.863	r
75-15-0	Carbon Disulfide	9.60		0.321	0.321	r
76-13-1	Trichlorotrifluoroethane	10.1		0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene	9.64		0.252	0.252	r
75-34-3	1,1-Dichloroethane	9.86		0.247	0.247	r
1634-04-4	Methyl tert-butyl ether(MTBE)	9.69		0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	9.27		0.339	0.339	r
156-59-2	Cis-1,2-Dichloroethene	9.58		0.051	0.051	r
110-54-3	Hexane	9.89		0.284	0.284	r
67-66-3	Chloroform	9.48		0.205	0.205	r
141-78-6	Ethyl acetate	12.2		0.278	0.278	r
109-99-9	Tetrahydrofuran	9.52		0.339	0.339	r
107-06-2	1,2-Dichloroethane	9.47		0.247	0.247	r
71-55-6	1,1,1-Trichloroethane	9.27		0.183	0.183	r
71-43-2	Benzene	9.28		0.313	0.313	r
56-23-5	Carbon Tetrachloride	9.18		0.032	0.032	r
110-82-7	Cyclohexane	9.13		0.291	0.291	r
78-87-5	1,2-dichloropropane	10.1		0.217	0.217	r
75-27-4	Bromodichloromethane	9.73		0.149	0.149	r
79-01-6	Trichloroethene	10.3		0.037	0.037	r
540-84-1	2,2,4-trimethylpentane	9.67		0.215	0.215	r
123-91-1	1,4-Dioxane	10.0		0.278	0.278	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

AIR ANALYSIS DATA SHEET

CLIENT ID: CS34443 LCS

Client: SESI-NYSAMPLES Lab: Phoenix Env. Labs

SDG No.: GCS34475 Lab Sample ID: CS34443 LCS

Canister: LCS Lab File ID: 1223_04.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 12/23/24

Purge Volume 200 (cc) Date Analyzed: 12/23/24

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
142-82-5	Heptane	10.0		0.244	0.244	r
10061-01-5	cis-1,3-Dichloropropene	9.57		0.220	0.220	r
108-10-1	4-Methyl-2-pentanone(MIBK)	9.78		0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	9.39		0.220	0.220	r
79-00-5	1,1,2-Trichloroethane	9.98		0.183	0.183	r
108-88-3	Toluene	9.77		0.266	0.266	r
124-48-1	Dibromochloromethane	10.1		0.117	0.117	r
591-78-6	2-Hexanone(MBK)	9.50		0.244	0.244	r
106-93-4	1,2-Dibromoethane(EDB)	10.2		0.130	0.130	r
127-18-4	Tetrachloroethene	10.4		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	10.6		0.146	0.146	r
108-90-7	Chlorobenzene	11.2		0.217	0.217	r
100-41-4	Ethylbenzene	10.5		0.230	0.230	r
179601-23-1	m,p-Xylene	20.9		0.230	0.230	r
75-25-2	Bromoform	11.0		0.097	0.097	r
100-42-5	Styrene	10.6		0.235	0.235	r
79-34-5	1,1,2,2-Tetrachloroethane	10.7		0.146	0.146	r
95-47-6	o-Xylene	10.1		0.230	0.230	r
98-82-8	Isopropylbenzene	9.93		0.204	0.204	r
622-96-8	4-Ethyltoluene	10.8		0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	10.3		0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	10.5		0.204	0.204	r
100-44-7	Benzyl chloride	10.0		0.193	0.193	r
541-73-1	1,3-Dichlorobenzene	10.8		0.166	0.166	r
106-46-7	1,4-Dichlorobenzene	10.9		0.166	0.166	r
135-98-8	sec-Butylbenzene	9.96		0.182	0.182	r
99-87-6	4-Isopropyltoluene	9.91		0.182	0.182	r
95-50-1	1,2-Dichlorobenzene	11.0		0.166	0.166	r
104-51-8	n-Butylbenzene	9.83		0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene	8.25		0.135	0.135	r
91-20-3	Naphthalene	8.05		0.200	0.200	r
87-68-3	Hexachlorobutadiene(sim)	8.38		0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_04.D
Acq On : 23 Dec 2024 1:16 pm
Operator :
Client ID : CS34443 LCS
Lab ID : CS34443 LCS
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 23 14:51:54 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.205	130	167648	10.000	ng	-0.01
36) 1,4-Difluorobenzene	8.360	114	595565	10.000	ng	0.00
53) Chlorobenzene-d5	10.821	82	304910	10.000	ng	0.00
80) Bromochloromethane(sim)	7.210	130	180233	10.000	ng	# 0.00
95) 1,4-Difluorobenzene(sim)	8.360	114	595565	10.000	ng	0.00
105) Chlorobenzene-d5(sim)	10.821	82	304910	10.000	ng	0.00
System Monitoring Compounds						
62) % Bromofluorobenzene	11.651	95	401773	10.033	ppbv	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.30%			
Target Compounds						Qvalue
2) Propylene	3.879	41	152319	9.151	ppbv	93
3) Dichlorodifluoromethane	3.954	85	452218	10.175	ppbv	95
4) Chloromethane	4.094	50	174440	10.537	ppbv	96
5) 1,2-Dichlorotetrafluor...	4.181	85	452153	10.487	ppbv	95
6) Vinyl Chloride	4.288	62	182745	10.255	ppbv	98
7) 1,3-Butadiene	4.407	54	146579	10.103	ppbv	98
8) Bromomethane	4.623	94	166089	9.746	ppbv#	98
9) Chloroethane	4.763	64	80370	9.587	ppbv	92
11) Ethanol	4.946	45	44216	5.410	ppbv#	78
12) Acetone	5.291	43	275805	9.467	ppbv#	83
13) Trichlorofluoromethane	5.323	101	470583	10.286	ppbv	97
14) Isopropylalcohol	5.539	45	341309	9.033	ppbv#	96
15) Acrylonitrile	5.560	53	135075	8.835	ppbv	92
16) 1,1-Dichloroethene	5.761	61	306898	10.159	ppbv	96
17) Methylene Chloride	5.838	49	225692	10.085	ppbv	94
20) Carbon Disulfide	6.062	76	438389	9.601	ppbv	100
21) Trichlorotrifluoroethane	6.011	101	359034	10.115	ppbv	92
22) Trans-1,2-Dichloroethene	6.454	61	275598	9.643	ppbv	96
23) 1,1-Dichloroethane	6.588	63	326347	9.855	ppbv	97
24) Methyl tert-butyl ethe...	6.675	73	448311	9.687	ppbv	93
25) Methyl Ethyl Ketone	6.882	43	368446	9.273	ppbv#	96
26) Cis-1,2-Dichloroethene	7.101	61	257104	9.578	ppbv	91
27) Hexane	7.215	57	287235	9.892	ppbv#	72
28) Chloroform	7.288	83	337122	9.475	ppbv	94
29) Ethyl acetate	7.257	61	74366	12.216	ppbv	95
30) Tetrahydrofuran	7.601	42	186298	9.521	ppbv	97
31) 1,2-Dichloroethane	7.747	62	254355	9.470	ppbv	96
32) 1,1,1-Trichloroethane	7.903	97	354384	9.269	ppbv	98
33) Benzene	8.179	78	487928	9.275	ppbv	93
34) Carbon Tetrachloride	8.270	117	375827	9.175	ppbv	96
35) Cyclohexane	8.349	84	182527	9.133	ppbv	95
37) 1,2-dichloropropane	8.666	63	226353	10.102	ppbv#	74
38) Bromodichloromethane	8.768	83	379814	9.730	ppbv	95
39) Trichloroethene	8.790	130	252918	10.275	ppbv	98
40) 2,2,4-trimethylpentane	8.790	57	846258	9.665	ppbv#	90
41) 1,4-Dioxane	8.869	88	104793	10.040	ppbv	98
43) Heptane	8.926	43	374601	10.044	ppbv#	88
44) cis-1,3-Dichloropropene	9.272	75	307076	9.572	ppbv	99
45) 4-Methyl-2-pentanone(M...	9.350	43	454506	9.780	ppbv#	88
46) trans-1,3-Dichloropropene	9.563	75	247422	9.385	ppbv	99
47) 1,1,2-Trichloroethane	9.680	97	220200	9.976	ppbv	95
48) Toluene	9.835	91	630267	9.774	ppbv	97

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_04.D
Acq On : 23 Dec 2024 1:16 pm
Operator :
Client ID : CS34443 LCS
Lab ID : CS34443 LCS
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 23 14:51:54 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.087	129	436162	10.082	ppbv	97
50) 2-Hexanone(MBK)	10.010	43	434276	9.498	ppbv#	83
51) 1,2-Dibromoethane(EDB)	10.223	107	382289	10.207	ppbv	93
52) Tetrachloroethene	10.466	166	353281	10.400	ppbv	95
54) 1,1,1,2-Tetrachloroethane	10.831	131	282794	10.590	ppbv	97
55) Chlorobenzene	10.851	112	514436	11.159	ppbv#	82
56) Ethylbenzene	11.036	91	817736	10.459	ppbv	97
57) m,p-Xylene	11.128	91	1231906	20.860	ppbv	98
58) Bromoform	11.210	173	439730	11.043	ppbv	97
59) Styrene	11.333	104	476290	10.605	ppbv	99
60) 1,1,2,2-Tetrachloroethane	11.395	83	474369	10.676	ppbv	100
61) o-Xylene	11.395	91	629365	10.104	ppbv	100
64) Isopropylbenzene	11.712	105	874755	9.929	ppbv	98
66) 4-Ethyltoluene	12.092	105	951491	10.756	ppbv	97
67) 1,3,5-Trimethylbenzene	12.133	105	704064	10.260	ppbv	98
68) 1,2,4-Trimethylbenzene	12.379	105	773342	10.545	ppbv	95
70) Benzyl chloride	12.482	91	569709	9.999	ppbv	99
71) 1,3-Dichlorobenzene	12.492	146	539691	10.790	ppbv	94
72) 1,4-Dichlorobenzene	12.533	146	515763	10.891	ppbv	97
73) sec-Butylbenzene	12.543	105	1027112	9.962	ppbv	98
74) 4-Isopropyltoluene	12.636	119	990572	9.910	ppbv	96
75) 1,2-Dichlorobenzene	12.749	146	514465	10.959	ppbv	95
76) n-Butylbenzene	12.892	91	852625	9.830	ppbv	98
77) 1,2,4-Trichlorobenzene	13.908	180	329874	8.254	ppbv	99
78) Naphthalene	14.011	128	675779	8.048	ppbv#	99
79) Hexachlorobutadiene	14.247	225	378631	8.388	ppbv	98
81] 1,2-Dichlorotetrafluor...	4.181	85	450976	9.714	ppbv	95
82] Vinyl Chloride(sim)	4.283	62	200657	10.142	ppbv	100
83] Bromomethane(sim)	4.623	94	166089	8.997	ppbv#	98
84] Trichlorofluoromethane...	5.329	101	503302	10.320	ppbv#	97
85] 1,2-Dichloroethane(sim)	7.747	62	254355	8.957	ppbv	96
86] 1,1,1-Trichloroethane(...	7.908	97	391113	9.241	ppbv#	98
87] Benzene(sim)	8.179	78	488106	8.108	ppbv	92
88] Carbon Tetrachloride(sim)	8.275	117	398822	9.206	ppbv	96
89] 1,1-Dichloroethene(sim)	5.761	61	306898	9.732	ppbv	96
90] Trichlorotrifluoroetha...	6.016	101	383249	9.821	ppbv#	95
91] Trans-1,2-Dichloroethe...	6.454	61	275598	8.305	ppbv	96
92] 1,1-Dichloroethane(sim)	6.586	63	365093	9.724	ppbv	97
93] Cis-1,2-Dichloroethene...	7.101	61	257288	8.999	ppbv	91
94] Chloroform(sim)	7.283	83	364389	9.401	ppbv	96
96] 1,2-dichloropropane(sim)	8.660	63	254472	10.311	ppbv#	80
97] Bromodichloromethane(sim)	8.768	83	379814	9.358	ppbv	94
98] Trichloroethene(sim)	8.796	130	272411	9.145	ppbv	97
99] 1,4-Dioxane(sim)	8.869	88	104793	9.972	ppbv	98
100] cis-1,3-Dichloropropen...	9.278	75	334661	9.992	ppbv	98
101] 1,1,2-Trichloroethane(...	9.680	97	220200	9.429	ppbv	91
102] Dibromochloromethane(sim)	10.093	129	466122	11.010	ppbv	99
103] 1,2-Dibromoethane(EDB)...	10.223	107	382289	9.824	ppbv	93
104] Tetrachloroethene(sim)	10.471	166	393322	10.234	ppbv	98
106] Bromoform(sim)	11.216	173	486573	11.935	ppbv	98
107] m,p-Xylene(sim)	11.128	91	1234230	17.706	ppbv	98
108] 1,1,2,2-Tetrachloroeth...	11.400	83	501165	9.640	ppbv	99
111] Benzyl chloride(sim)	12.482	91	569709	9.929	ppbv	99
112] 1,3-Dichlorobenzene(sim)	12.498	146	632091	9.435	ppbv	97
113] 1,4-Dichlorobenzene(sim)	12.533	146	515763	9.484	ppbv	97

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_04.D
Acq On : 23 Dec 2024 1:16 pm
Operator :
Client ID : CS34443 LCS
Lab ID : CS34443 LCS
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 23 14:51:54 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

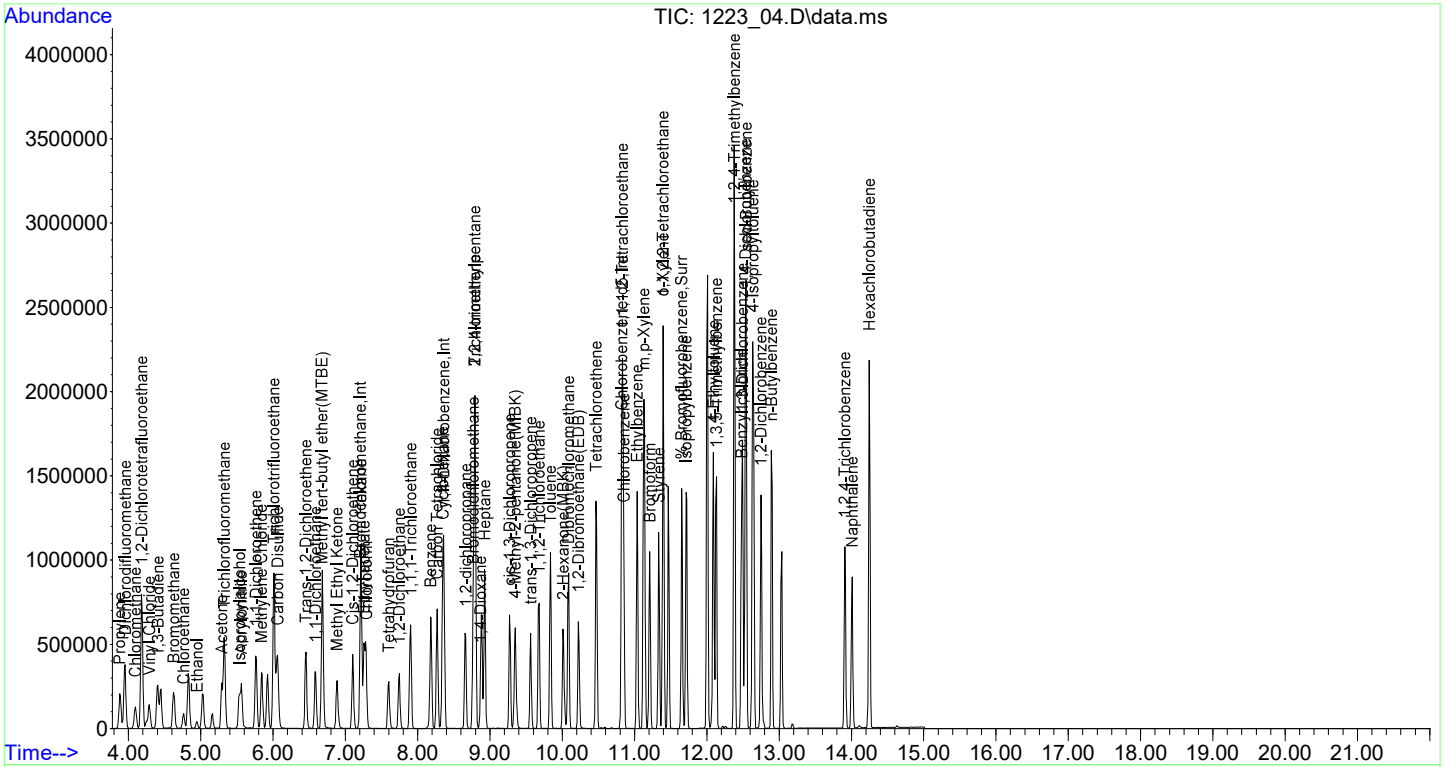
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	1118136	8.483	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	990572	8.786	ppbv	96
116] 1,2-Dichlorobenzene(sim)	12.754	146	583912	9.896	ppbv	97
117] n-Butylbenzene(sim)	12.892	91	852625	8.613	ppbv	98
118] 1,2,4-Trichlorobenzene...	13.914	180	371180	3.688	ppbv	98

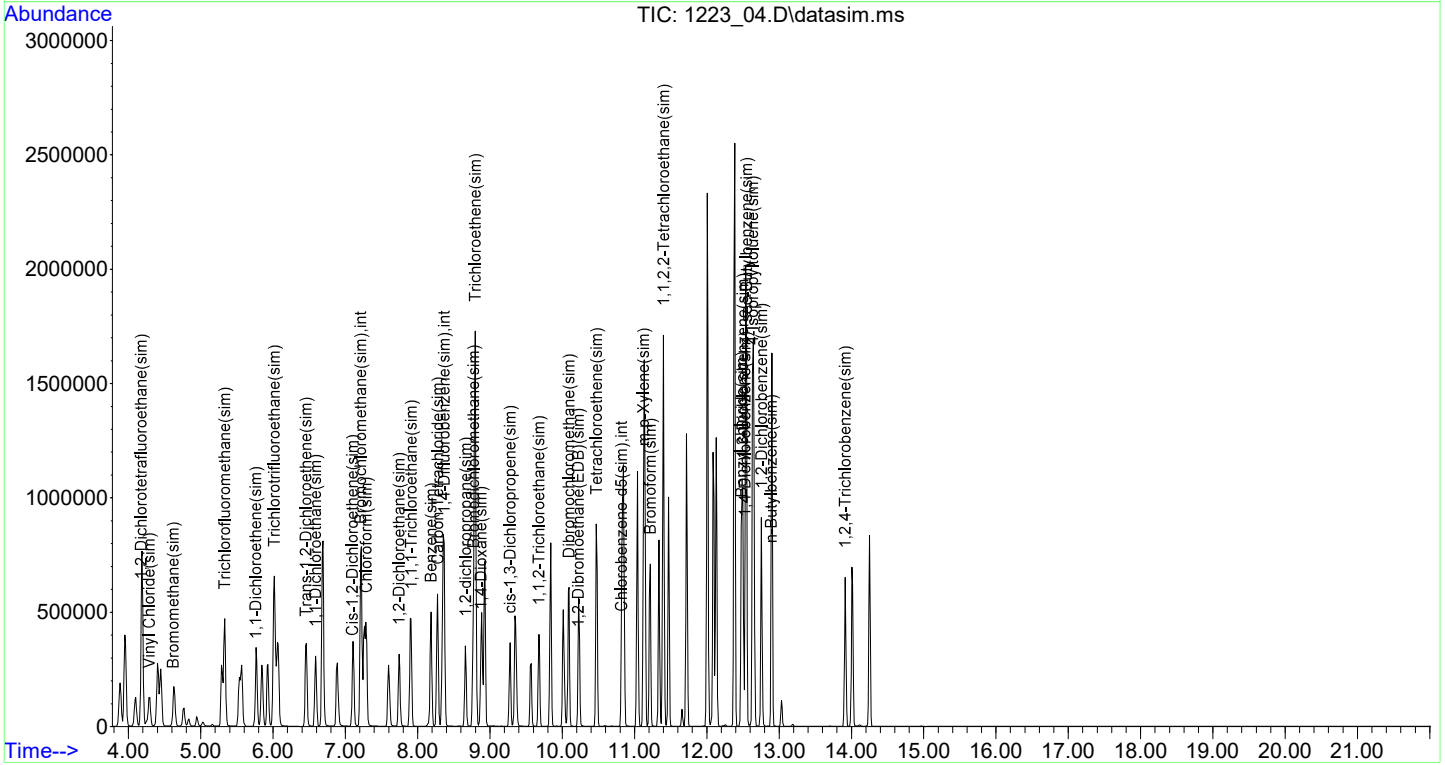
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_04.D
Acq On : 23 Dec 2024 1:16 pm
Operator :
Client ID : CS34443 LCS
Lab ID : CS34443 LCS
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 23 14:51:54 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration





1

AIR ANALYSIS DATA SHEET

CLIENT ID: CS34443 QC

Client: SESI-NYSAMPLES Lab: Phoenix Env. Labs

SDG No.: GCS34475 Lab Sample ID: CS34443

Canister: 357 Lab File ID: 1223_09.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 12/23/24

Purge Volume 200 (cc) Date Analyzed: 12/23/24

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.424		0.202	0.202	r
74-87-3	Chloromethane	0.552		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	125	ES	0.531	0.531	r
67-64-1	Acetone	7.56	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.199		0.178	0.178	r
67-63-0	Isopropylalcohol	8.18	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.433		0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.297		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.313	U	0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.218		0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	0.991		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.771		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
179601-23-1	m,p-Xylene	0.529		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1

CLIENT ID

AIR ANALYSIS DATA SHEET

CS34443 QC

Client: SESI-NYSAMPLES Lab: Phoenix Env. Labs

SDG No.: GCS34475 Lab Sample ID: CS34443

Canister: 357 Lab File ID: 1223_09.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 12/23/24

Purge Volume 200 (cc) Date Analyzed: 12/23/24

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
91-20-3	Naphthalene	0.200	U	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
56-23-5	Carbon Tetrachloride(sim)	0.069		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_09.D
Acq On : 23 Dec 2024 8:48 pm
Operator :
Client ID : CS34443 QC
Lab ID : CS34443 QC
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 24 09:32:27 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

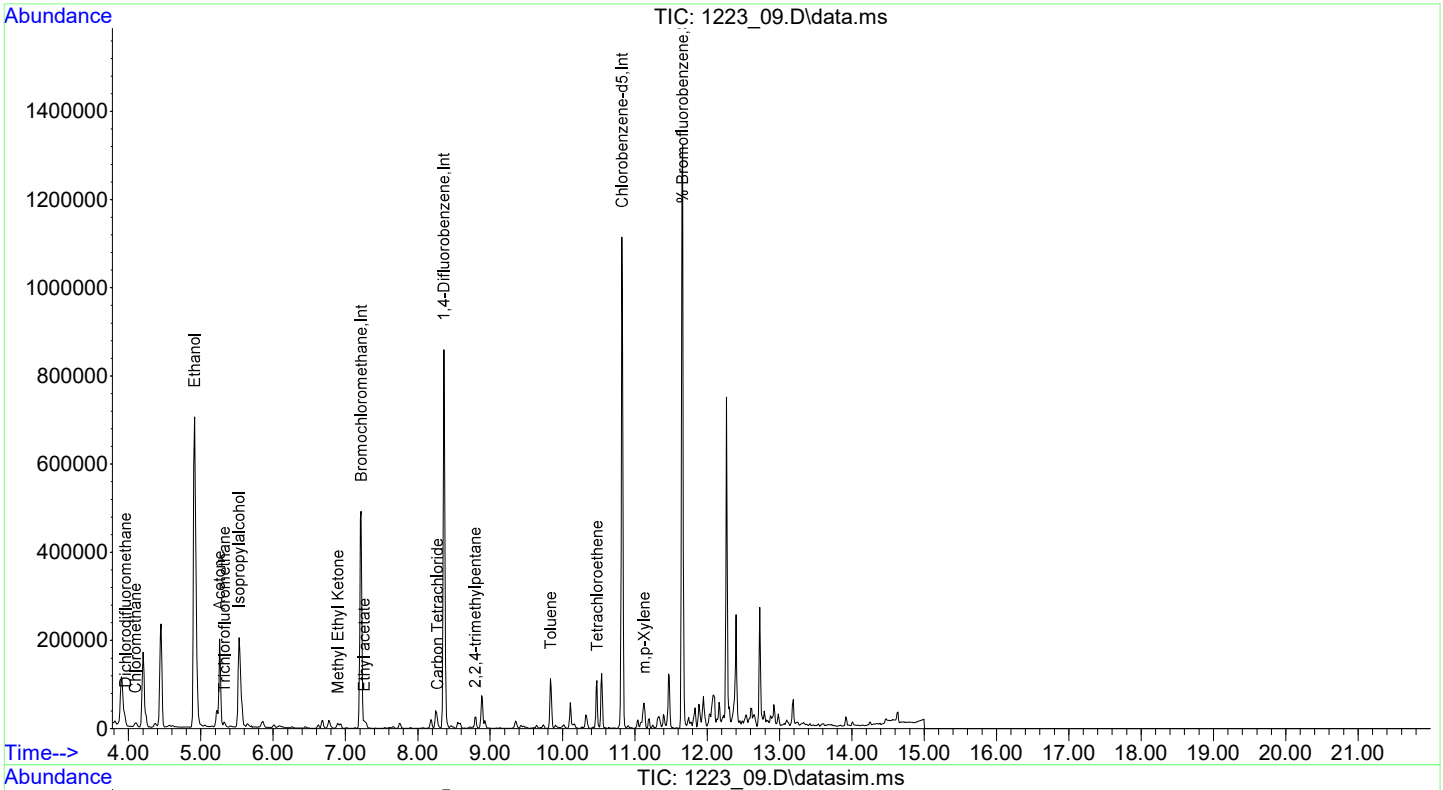
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.216	130	171820	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.360	114	604213	10.000	ng		0.00
53) Chlorobenzene-d5	10.821	82	290423	10.000	ng		0.00
80) Bromochloromethane(sim)	7.211	130	185823	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.360	114	604215	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.821	82	290423	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.661	95	400016	10.487	ppbv		0.01
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.90%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.955	85	19306	0.424	ppbv		97
4) Chloromethane	4.095	50	9357	0.552	ppbv		98
11) Ethanol	4.914	45	1043562	124.574	ppbv#		77
12) Acetone	5.259	43	225753	7.561	ppbv#		85
13) Trichlorofluoromethane	5.323	101	9329	0.199	ppbv		99
14) Isopropylalcohol	5.528	45	316870	8.182	ppbv#		92
25) Methyl Ethyl Ketone	6.893	43	17632	0.433	ppbv#		75
29) Ethyl acetate	7.257	61	1854	0.297	ppbv#		89
34) Carbon Tetrachloride	8.270	117	2842	0.068	ppbv		96
40) 2,2,4-trimethylpentane	8.790	57	19342	0.218	ppbv#		79
48) Toluene	9.835	91	64831	0.991	ppbv		95
52) Tetrachloroethene	10.476	166	26584	0.771	ppbv		93
57) m,p-Xylene	11.128	91	29754	0.529	ppbv		95
84] Trichlorofluoromethane...	5.329	101	10273	0.204	ppbv#		97
88] Carbon Tetrachloride(sim)	8.275	117	3077	0.069	ppbv		96
104] Tetrachloroethene(sim)	10.481	166	30569	0.784	ppbv		97
107] m,p-Xylene(sim)	11.128	91	29754	0.448	ppbv		96

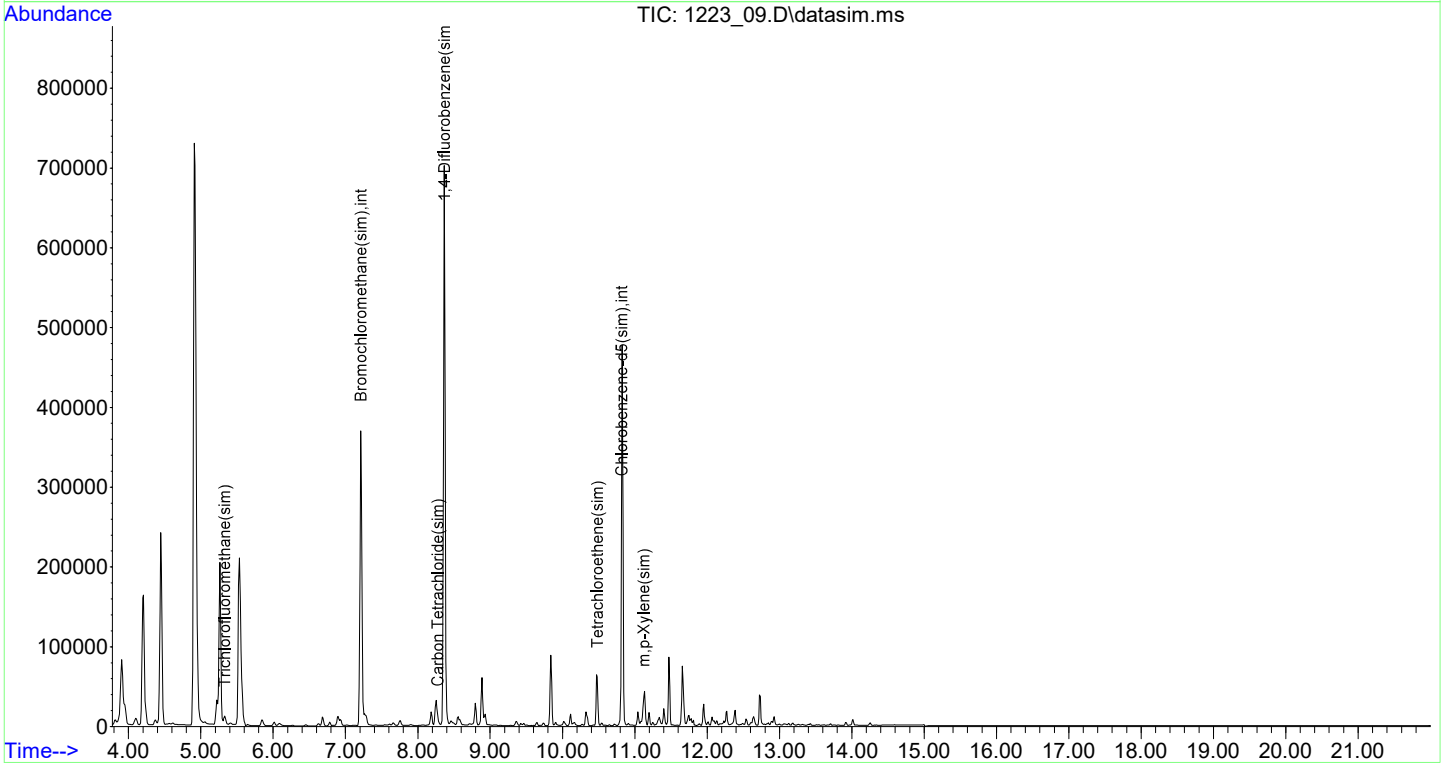
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

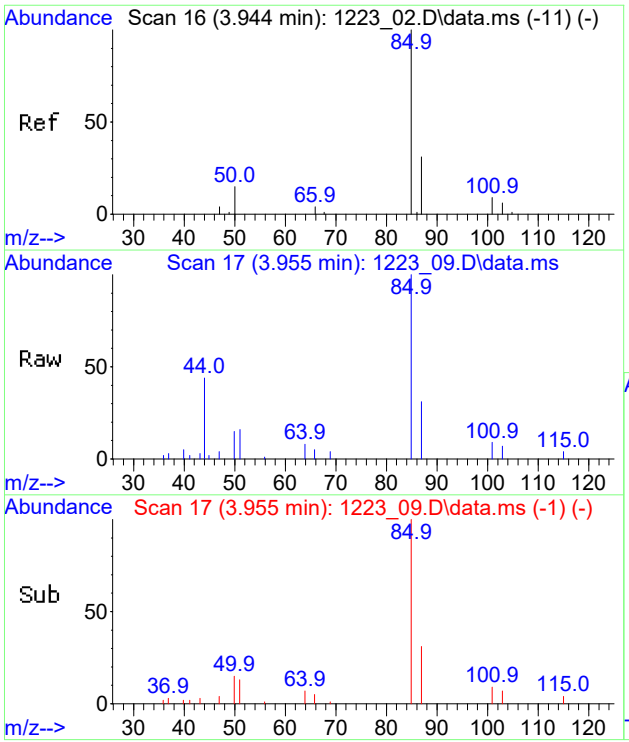
Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_09.D
Acq On : 23 Dec 2024 8:48 pm
Operator :
Client ID : CS34443 QC
Lab ID : CS34443 QC
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 24 09:32:27 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration



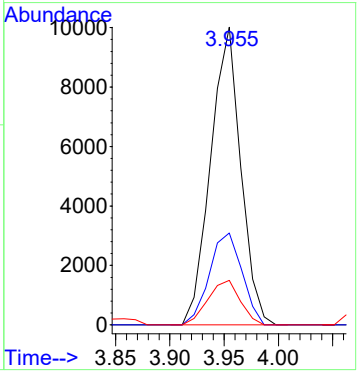


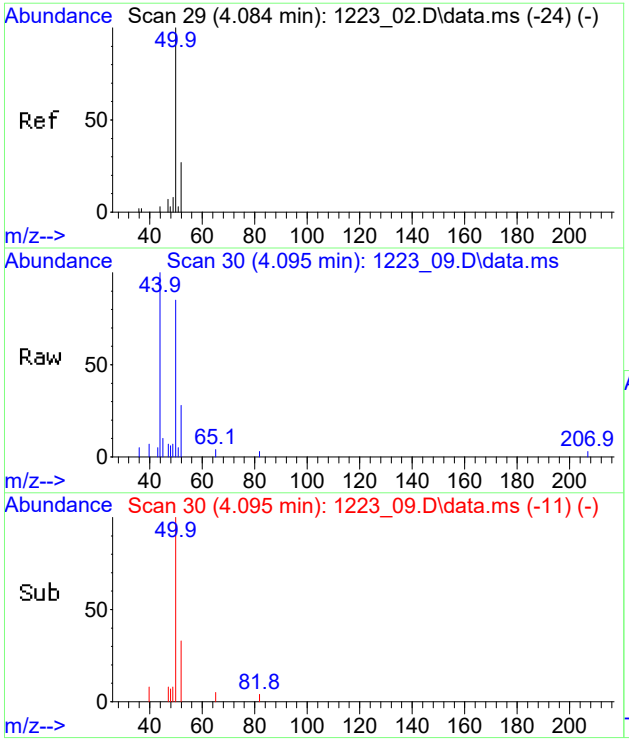


#3
Dichlorodifluoromethane
Conc: 8$ 0.424 ppbv
RT: 3.955 min Scan# 17
Delta R.T. 0.001 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion: 85 Resp: 19306

Ion	Ratio	Lower	Upper
85	100		
87	33.5	28.2	42.2
50	16.1	11.9	17.9

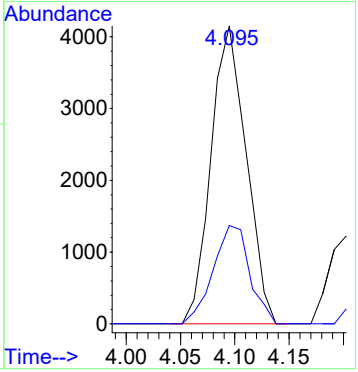


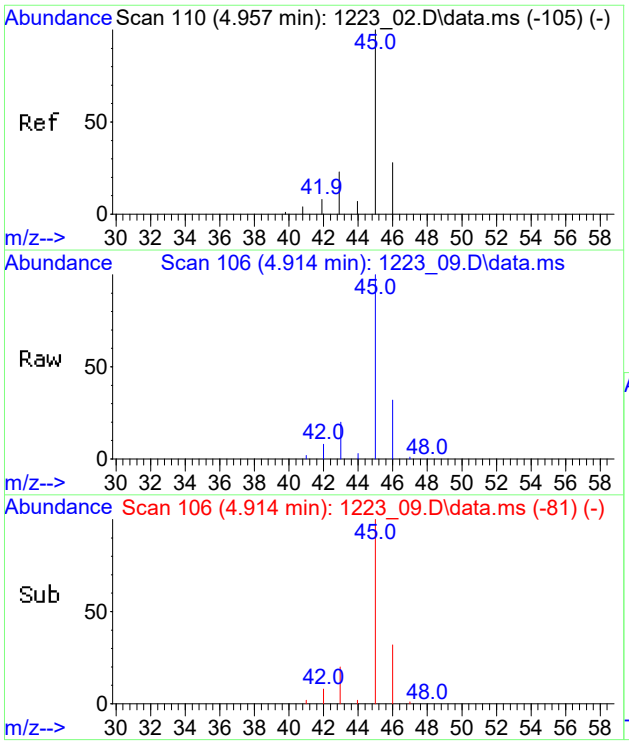


#4
Chloromethane
Conc: 8$ 0.552 ppbv
RT: 4.095 min Scan# 30
Delta R.T. -0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion: 50 Resp: 9357

Ion	Ratio	Lower	Upper
50	100		
52	34.3	15.4	55.4

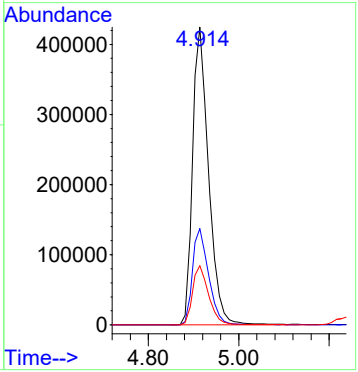


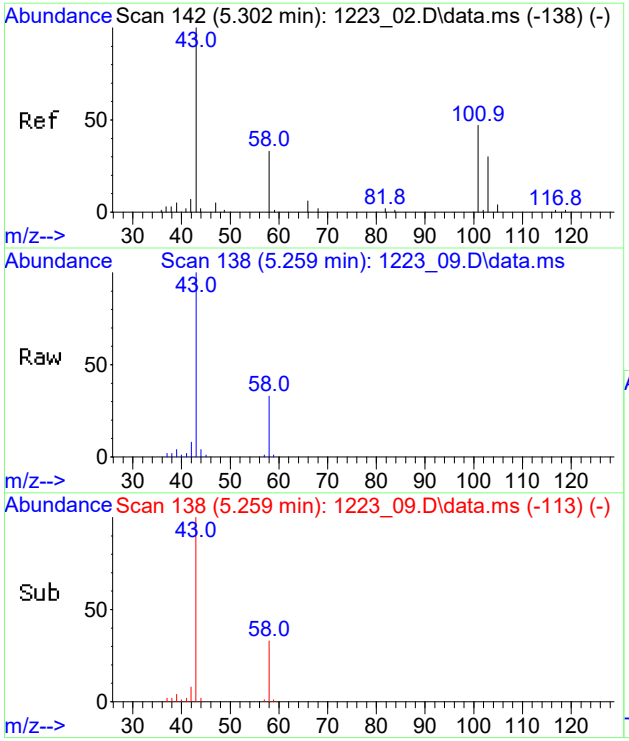


#11
Ethanol
Conc: 8$ 124.574 ppbv
RT: 4.914 min Scan# 106
Delta R.T. -0.032 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion: 45 Resp: 1043562

Ion	Ratio	Lower	Upper
45	100		
46	32.7	26.6	40.0
43	20.0	36.4	54.6#

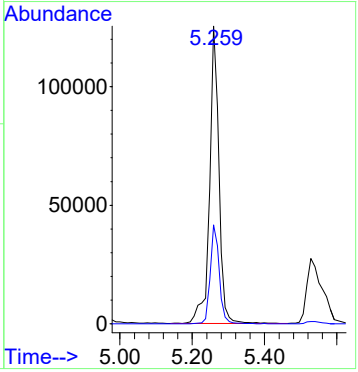


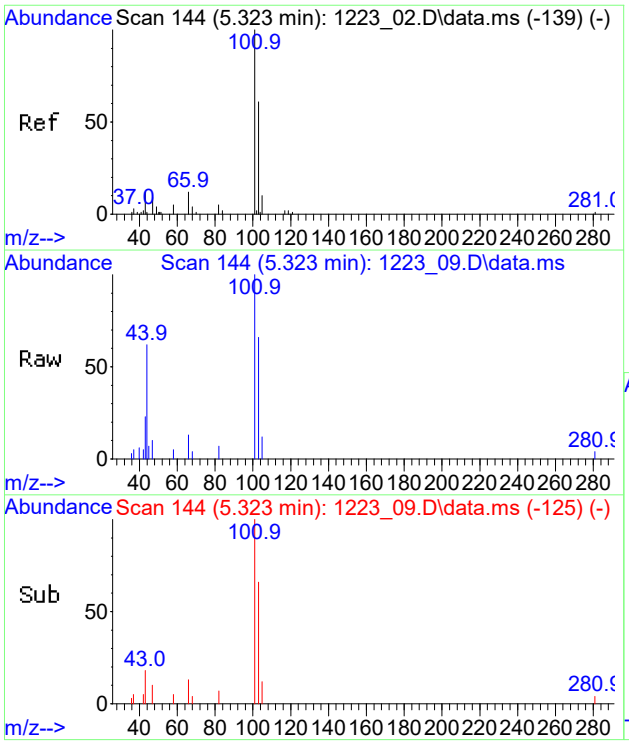


#12
Acetone
Conc: 8$ 7.561 ppbv
RT: 5.259 min Scan# 138
Delta R.T. -0.032 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion: 43 Resp: 225753

Ion	Ratio	Lower	Upper
43	100		
58	32.0	19.5	29.3#

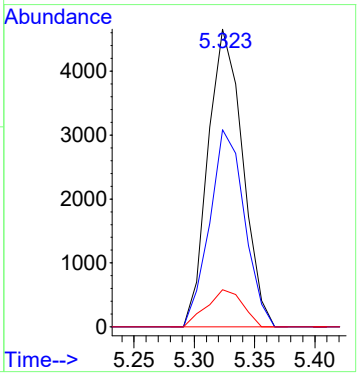


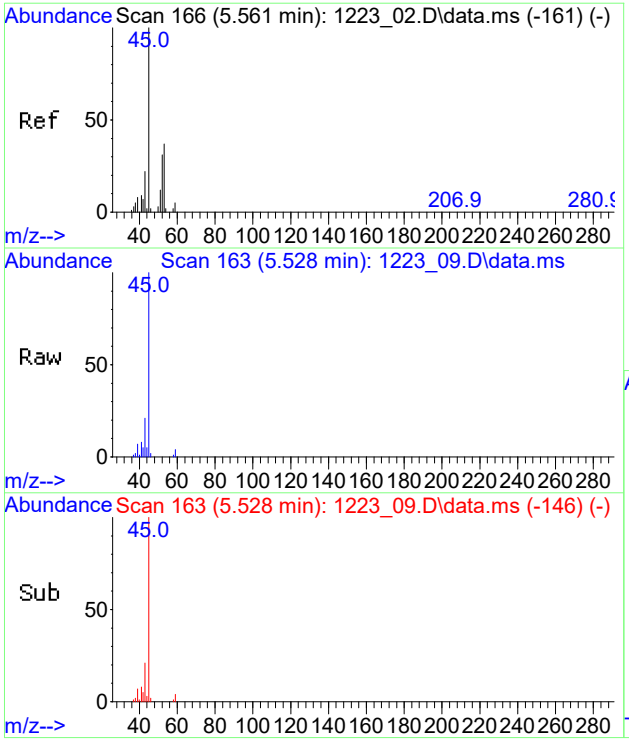


#13
Trichlorofluoromethane
Conc: 8$ 0.199 ppbv
RT: 5.323 min Scan# 144
Delta R.T. 0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion:101 Resp: 9329

Ion	Ratio	Lower	Upper
101	100		
103	66.6	52.6	79.0
66	13.0	10.7	16.1

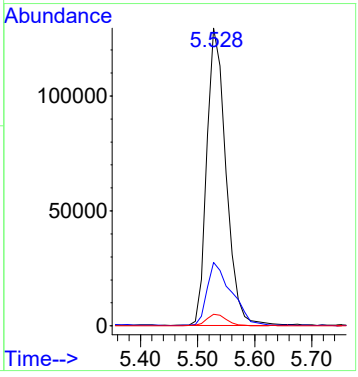


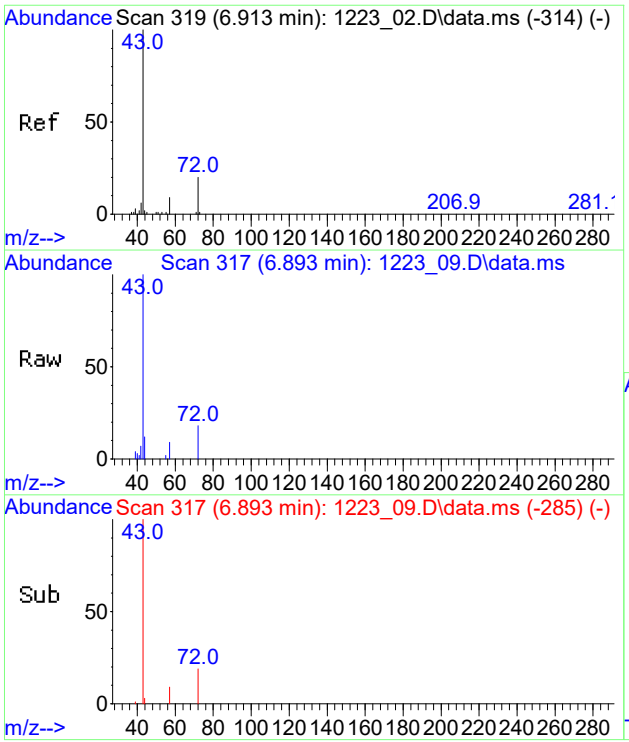


#14
Isopropylalcohol
Conc: 8$ 8.182 ppbv
RT: 5.528 min Scan# 163
Delta R.T. -0.022 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion: 45 Resp: 316870

Ion	Ratio	Lower	Upper
45	100		
43	26.1	17.4	26.2
59	4.5	2.7	4.1#

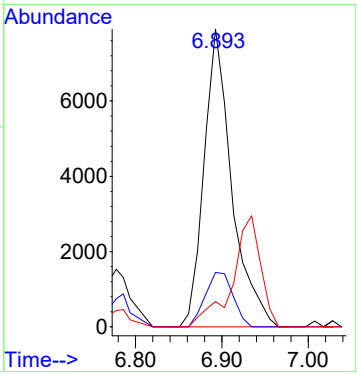


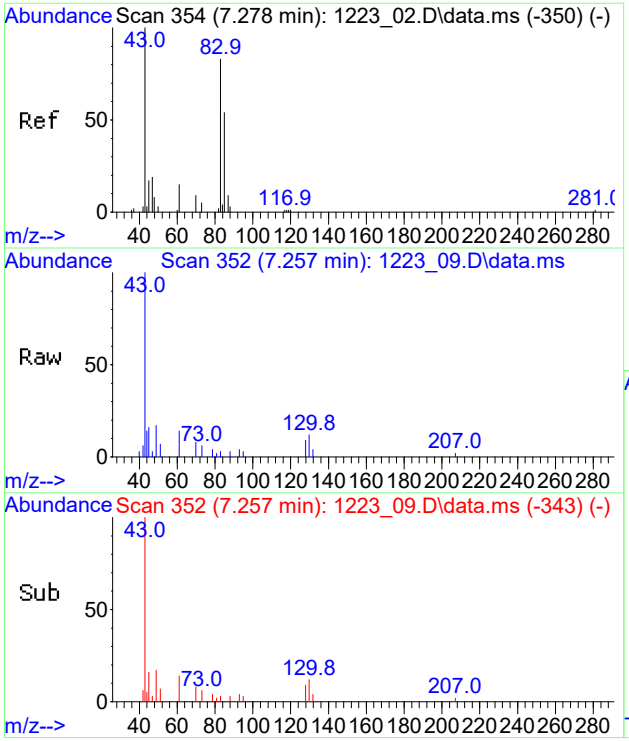


#25
Methyl Ethyl Ketone
Conc: 8$ 0.433 ppbv
RT: 6.893 min Scan# 317
Delta R.T. -0.010 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion: 43 Resp: 17632

Ion	Ratio	Lower	Upper
43	100		
72	18.2	14.6	22.0
57	38.1	5.7	8.5#

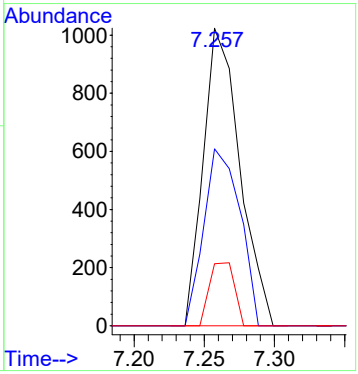


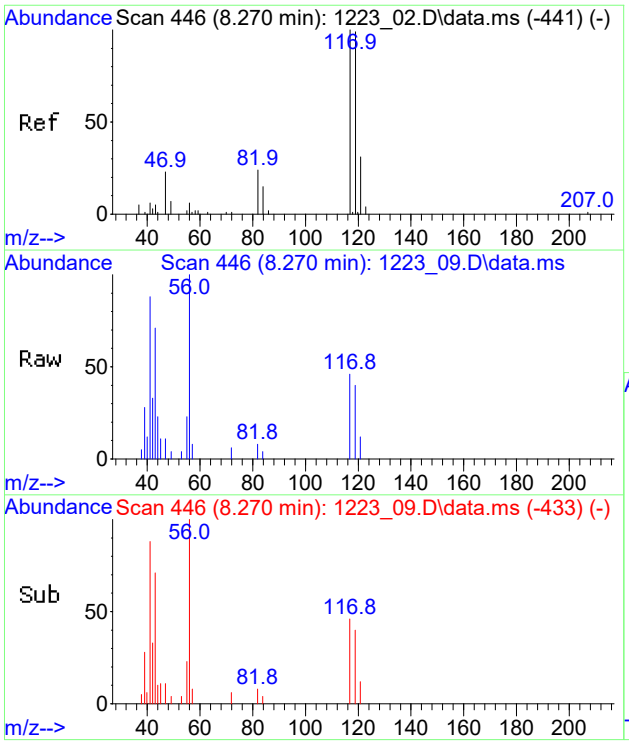


#29
Ethyl acetate
Conc: 8$ 0.297 ppbv
RT: 7.257 min Scan# 352
Delta R.T. -0.011 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion: 61 Resp: 1854

Ion	Ratio	Lower	Upper
61	100		
70	58.8	53.6	80.4
88	14.5	16.0	24.0#

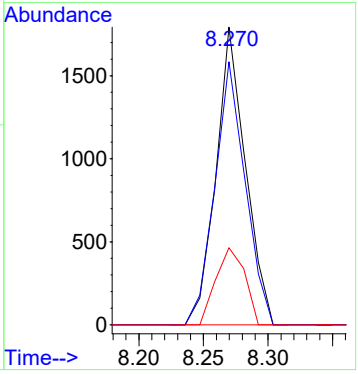


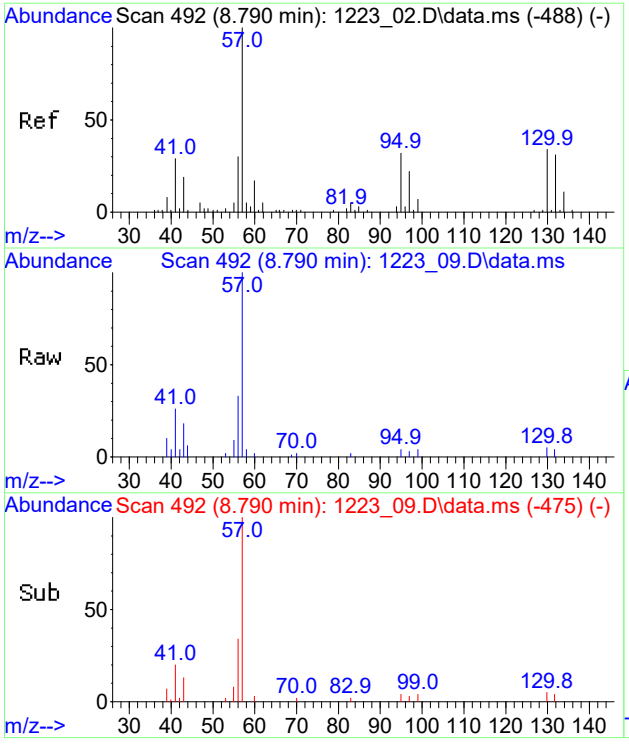


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.270 min Scan# 446
Delta R.T. -0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion:117 Resp: 2842

Ion	Ratio	Lower	Upper
117	100		
119	91.2	73.6	113.6
121	25.4	10.9	50.9

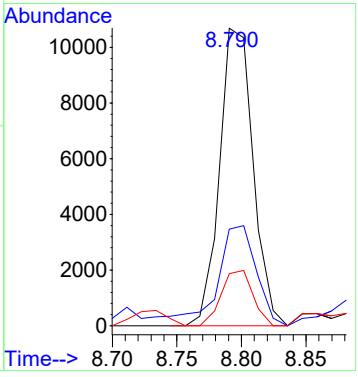


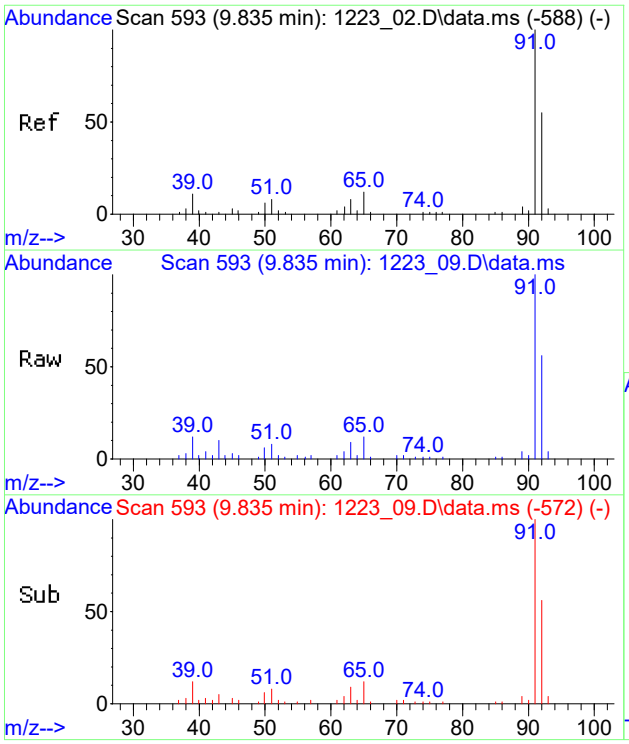


#40
2,2,4-trimethylpentane
Conc: 8$ 0.218 ppbv
RT: 8.790 min Scan# 492
Delta R.T. -0.012 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion: 57 Resp: 19342

Ion	Ratio	Lower	Upper
57	100		
56	39.7	22.2	33.4#
43	17.5	22.1	33.1#

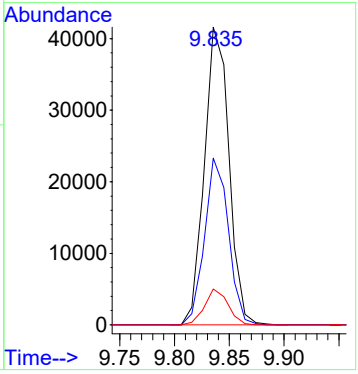


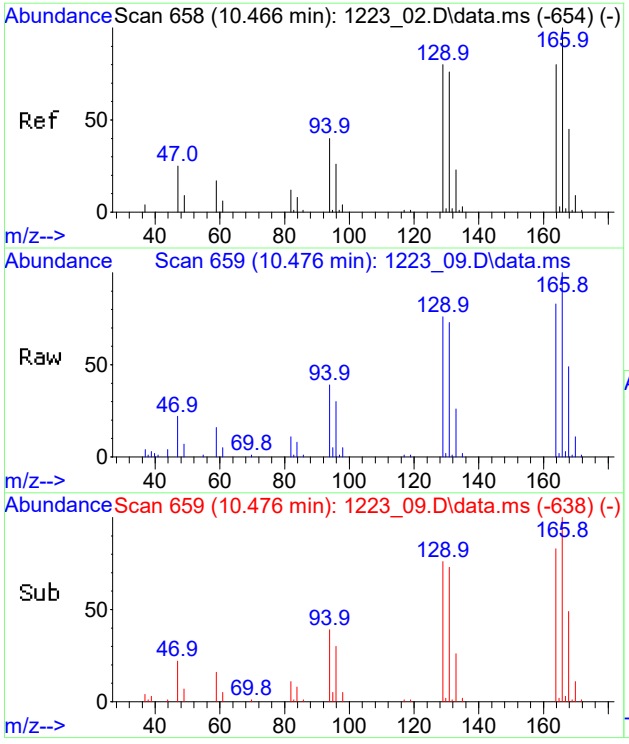


#48
Toluene
Conc: 8$ 0.991 ppbv
RT: 9.835 min Scan# 593
Delta R.T. 0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion: 91 Resp: 64831

Ion	Ratio	Lower	Upper
91	100		
92	54.4	46.5	69.7
65	11.5	10.6	16.0

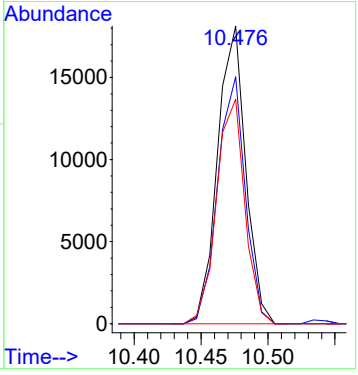


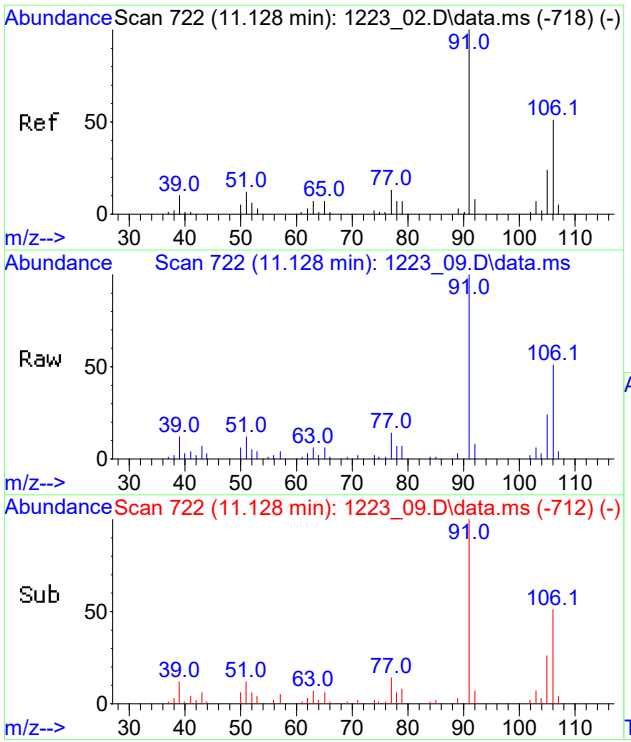


#52
Tetrachloroethene
Conc: 8$ 0.771 ppbv
RT: 10.476 min Scan# 659
Delta R.T. -0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion:166 Resp: 26584

Ion	Ratio	Lower	Upper
166	100		
164	81.4	61.4	92.0
129	75.6	55.3	82.9

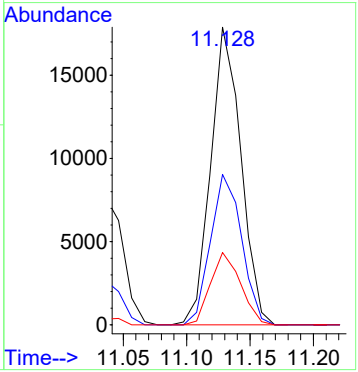


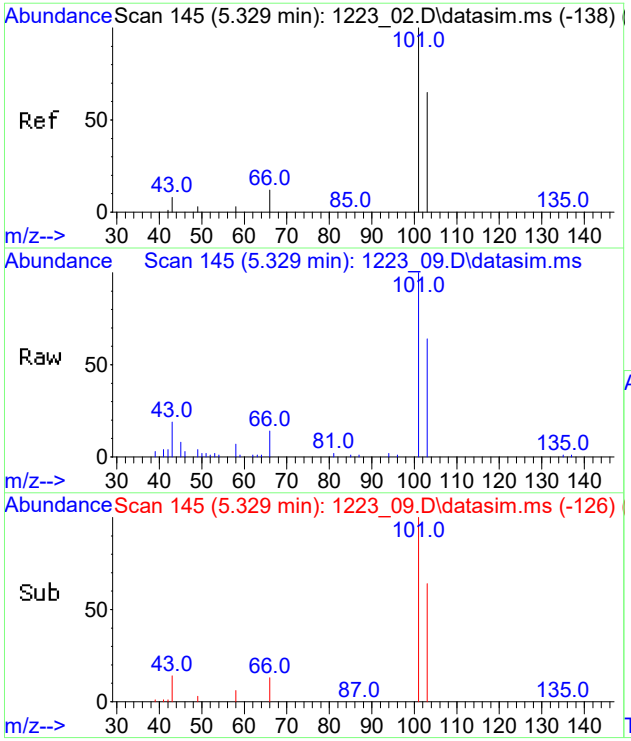


#57
m,p-Xylene
Conc: 8$ 0.529 ppbv
RT: 11.128 min Scan# 722
Delta R.T. 0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion: 91 Resp: 29754

Ion	Ratio	Lower	Upper
91	100		
106	51.9	38.0	57.0
105	24.1	19.0	28.6

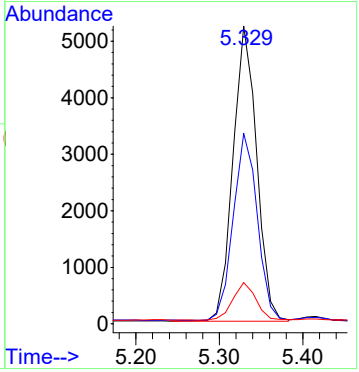


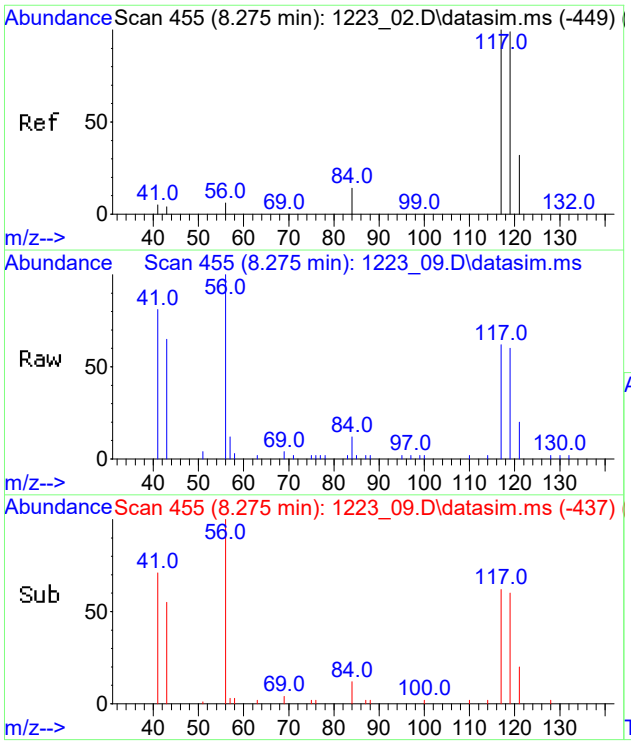


#84
Trichlorofluoromethane(sim)
Conc: 8$ 0.204 ppbv
RT: 5.329 min Scan# 145
Delta R.T. 0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion:101 Resp: 10273

Ion	Ratio	Lower	Upper
101	100		
103	64.4	53.9	80.9
66	12.5	12.2	12.2#

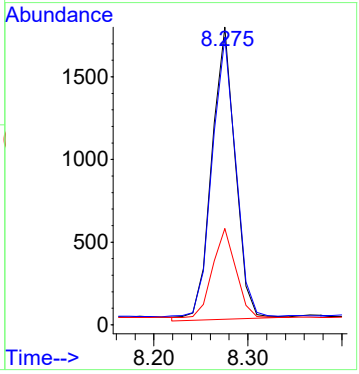


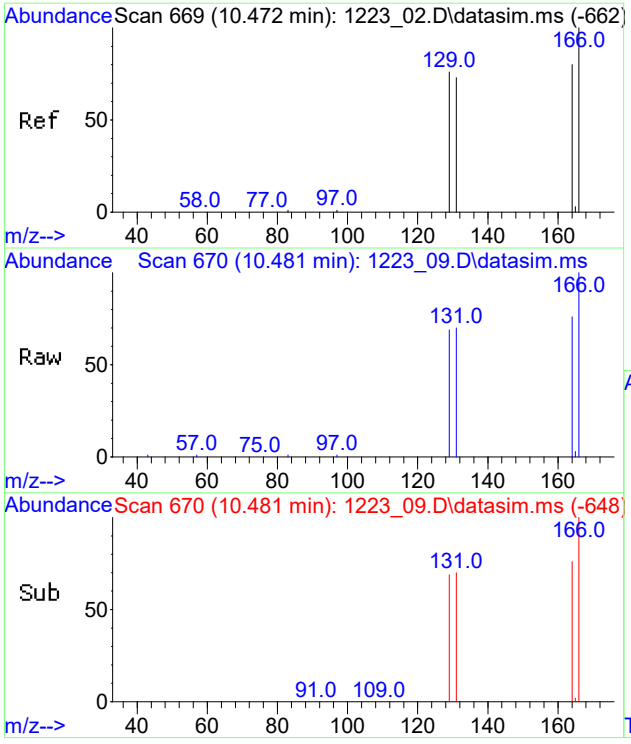


#88
Carbon Tetrachloride(sim)
Conc: 8$ 0.069 ppbv
RT: 8.275 min Scan# 455
Delta R.T. 0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion:117 Resp: 3077

Ion	Ratio	Lower	Upper
117	100		
119	98.8	75.0	112.4
121	31.8	25.1	37.7

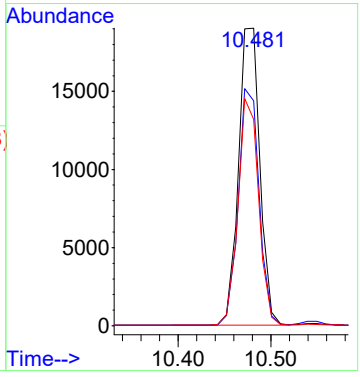


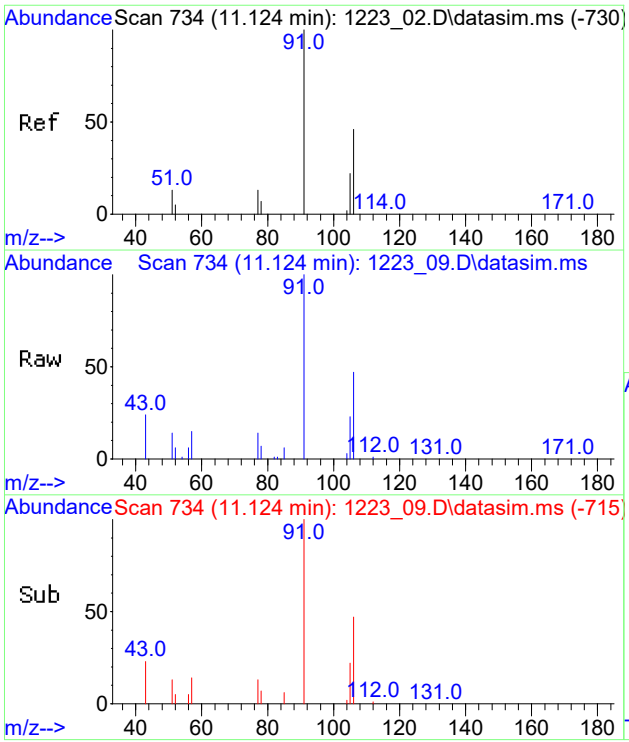


#104
Tetrachloroethene(sim)
Conc: 8$ 0.784 ppbv
RT: 10.481 min Scan# 670
Delta R.T. 0.009 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion:166 Resp: 30569

Ion	Ratio	Lower	Upper
166	100		
164	77.6	58.0	98.0
129	73.1	48.3	88.3

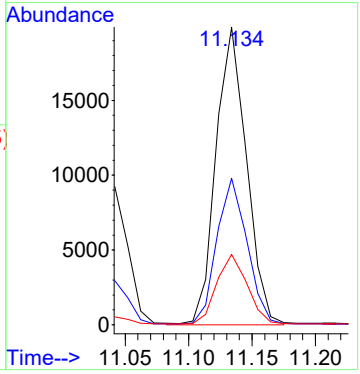




#107
m,p-Xylene(sim)
Conc: 8$ 0.448 ppbv
RT: 11.128 min Scan# 734
Delta R.T. 0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion: 91 Resp: 29754

Ion	Ratio	Lower	Upper
91	100		
106	51.9	43.2	52.8
105	24.1	19.0	28.6



CLIENT ID

AIR ANALYSIS DATA SHEET

CS34443 BLANK

Client: SESI-NYSAMPLES Lab: Phoenix Env. Labs

SDG No.: GCS34475 Lab Sample ID: CS34443 BL

Canister: BL Lab File ID: 1223_05.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 12/23/24

Purge Volume 200 (cc) Date Analyzed: 12/23/24

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.580	U	0.580	0.580	r
75-71-8	Dichlorodifluoromethane	0.200	U	0.200	0.200	r
74-87-3	Chloromethane	0.480	U	0.480	0.480	r
106-99-0	1,3-Butadiene	0.450	U	0.450	0.450	r
75-00-3	Chloroethane	0.380	U	0.380	0.380	r
64-17-5	Ethanol	0.530	U	0.530	0.530	r
67-64-1	Acetone	0.420	U	0.420	0.420	r
67-63-0	Isopropylalcohol	0.410	U	0.410	0.410	r
107-13-1	Acrylonitrile	0.460	U	0.460	0.460	r
75-09-2	Methylene Chloride	0.860	U	0.860	0.860	r
75-15-0	Carbon Disulfide	0.320	U	0.320	0.320	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.280	U	0.280	0.280	r
78-93-3	Methyl Ethyl Ketone	0.340	U	0.340	0.340	r
110-54-3	Hexane	0.280	U	0.280	0.280	r
141-78-6	Ethyl acetate	0.280	U	0.280	0.280	r
109-99-9	Tetrahydrofuran	0.340	U	0.340	0.340	r
110-82-7	Cyclohexane	0.290	U	0.290	0.290	r
540-84-1	2,2,4-trimethylpentane	0.210	U	0.210	0.210	r
142-82-5	Heptane	0.240	U	0.240	0.240	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.240	U	0.240	0.240	r
10061-02-6	trans-1,3-Dichloropropene	0.220	U	0.220	0.220	r
108-88-3	Toluene	0.270	U	0.270	0.270	r
591-78-6	2-Hexanone(MBK)	0.240	U	0.240	0.240	r
630-20-6	1,1,1,2-Tetrachloroethane	0.150	U	0.150	0.150	r
108-90-7	Chlorobenzene	0.220	U	0.220	0.220	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.230	U	0.230	0.230	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.200	U	0.200	0.200	r
622-96-8	4-Ethyltoluene	0.200	U	0.200	0.200	r
108-67-8	1,3,5-Trimethylbenzene	0.200	U	0.200	0.200	r
95-63-6	1,2,4-Trimethylbenzene	0.200	U	0.200	0.200	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.140	U	0.140	0.140	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.260	U	0.260	0.260	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

CLIENT ID

AIR ANALYSIS DATA SHEET

CS34443 BLANK

Client: SESI-NYSAMPLES Lab: Phoenix Env. Labs

SDG No.: GCS34475 Lab Sample ID: CS34443 BL

Canister: BL Lab File ID: 1223_05.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 12/23/24

Purge Volume 200 (cc) Date Analyzed: 12/23/24

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-69-4	Trichlorofluoromethane(sim)	0.180	U	0.180	0.180	r
107-06-2	1,2-Dichloroethane(sim)	0.250	U	0.250	0.250	r
71-55-6	1,1,1-Trichloroethane(sim)	0.180	U	0.180	0.180	r
71-43-2	Benzene(sim)	0.310	U	0.310	0.310	r
56-23-5	Carbon Tetrachloride(sim)	0.032	U	0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.050	U	0.050	0.050	r
76-13-1	Trichlorotrifluoroethane(sim)	0.130	U	0.130	0.130	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.250	U	0.250	0.250	r
75-34-3	1,1-Dichloroethane(sim)	0.250	U	0.250	0.250	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.050	U	0.050	0.050	r
67-66-3	Chloroform(sim)	0.200	U	0.200	0.200	r
78-87-5	1,2-dichloropropane(sim)	0.220	U	0.220	0.220	r
75-27-4	Bromodichloromethane(sim)	0.150	U	0.150	0.150	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.280	U	0.280	0.280	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.220	U	0.220	0.220	r
79-00-5	1,1,2-Trichloroethane(sim)	0.180	U	0.180	0.180	r
124-48-1	Dibromochloromethane(sim)	0.120	U	0.120	0.120	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.150	U	0.150	0.150	r
100-44-7	Benzyl chloride(sim)	0.190	U	0.190	0.190	r
541-73-1	1,3-Dichlorobenzene(sim)	0.170	U	0.170	0.170	r
106-46-7	1,4-Dichlorobenzene(sim)	0.170	U	0.170	0.170	r
135-98-8	sec-Butylbenzene(sim)	0.180	U	0.180	0.180	r
99-87-6	4-Isopropyltoluene(sim)	0.180	U	0.180	0.180	r
95-50-1	1,2-Dichlorobenzene(sim)	0.170	U	0.170	0.170	r
104-51-8	n-Butylbenzene(sim)	0.180	U	0.180	0.180	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.130	U	0.130	0.130	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_05.D
Acq On : 23 Dec 2024 1:47 pm
Operator :
Client ID : CS34443 BLANK
Lab ID : CS34443 BLANK
ALS Vial : 1 Sample Multiplier: 1

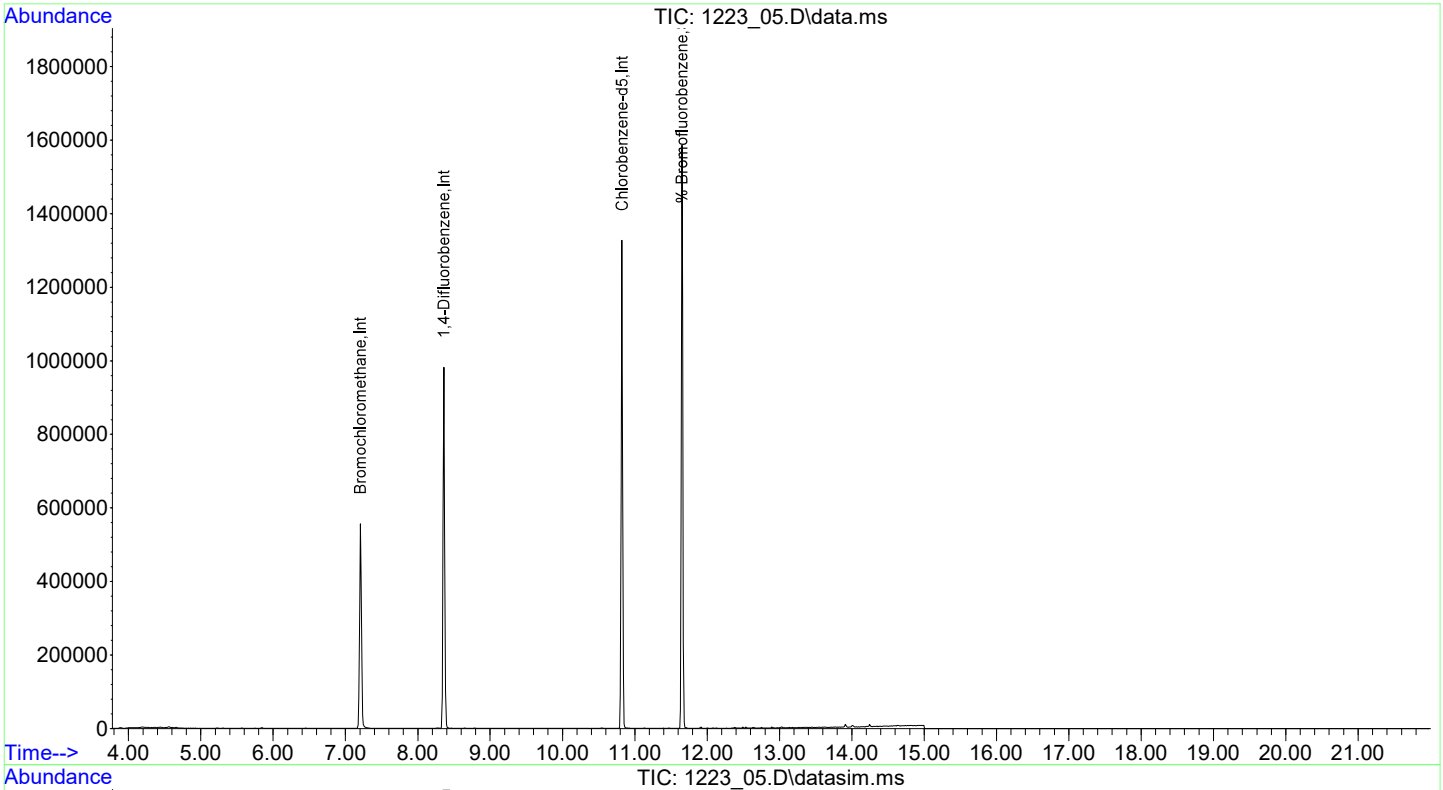
Quant Time: Dec 23 14:52:48 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

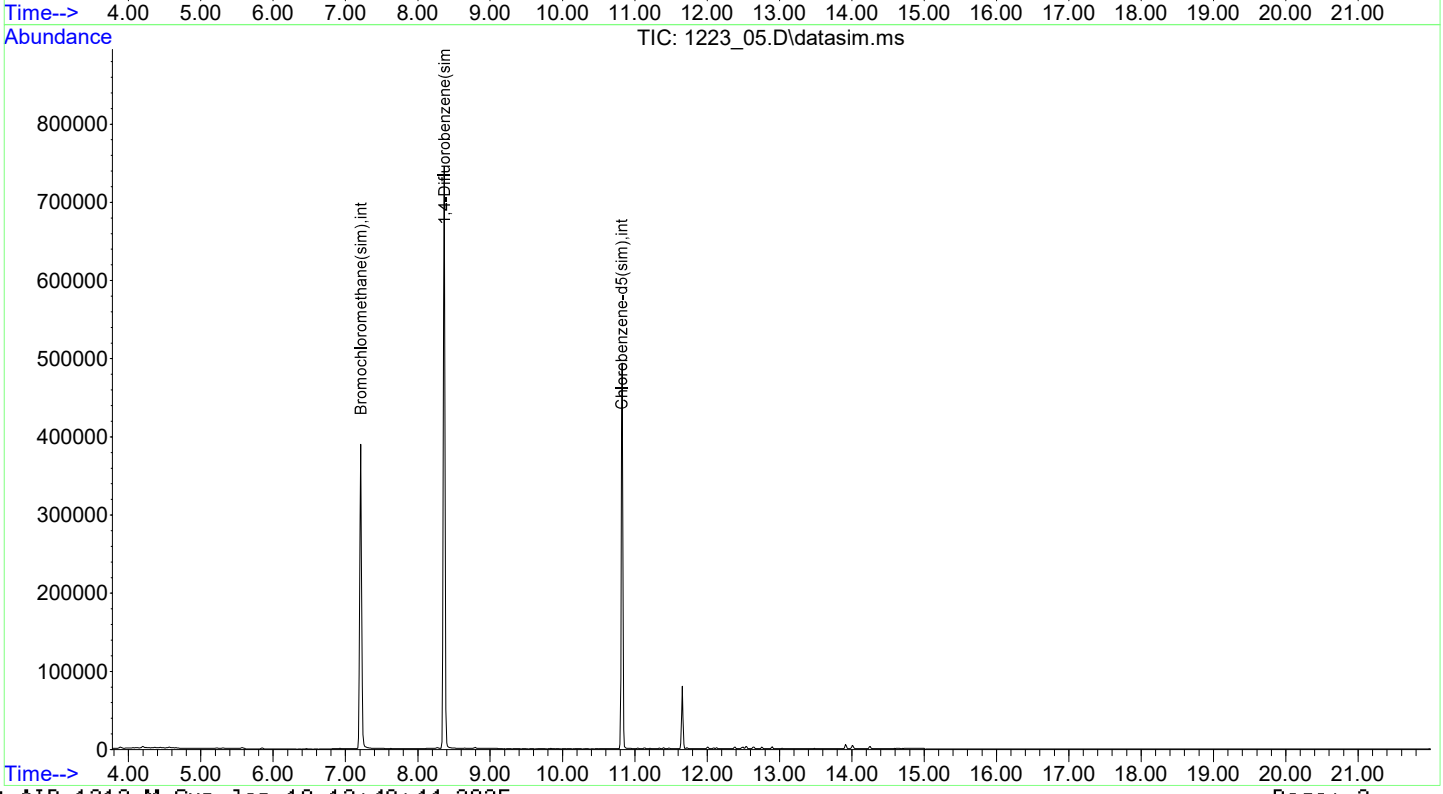
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.205	130	191788	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.360	114	680072	10.000	ng		0.00
53) Chlorobenzene-d5	10.821	82	325611	10.000	ng		0.00
80) Bromochloromethane(sim)	7.211	130	206498	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.360	114	679862	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.821	82	325611	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.651	95	441594	10.326	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.30%				
Target Compounds							Qvalue

(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_05.D
Acq On : 23 Dec 2024 1:47 pm
Operator :
Client ID : CS34443 BLANK
Lab ID : CS34443 BLANK
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 23 14:52:48 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration





CLIENT ID

AIR ANALYSIS DATA SHEET

CS34443 DUP

Client: SESI-NYSAMPLES Lab: Phoenix Env. Labs

SDG No.: GCS34475 Lab Sample ID: CS34443 DUP

Canister: 357 Lab File ID: 1223_10.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 12/23/24

Purge Volume 200 (cc) Date Analyzed: 12/23/24

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.451		0.202	0.202	r
74-87-3	Chloromethane	0.571		0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	137	S	0.531	0.531	r
67-64-1	Acetone	7.62	S	0.421	0.421	r
75-69-4	Trichlorofluoromethane	0.206		0.178	0.178	r
67-63-0	Isopropylalcohol	8.36	S	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.423		0.339	0.339	r
110-54-3	Hexane	0.298	S	0.284	0.284	r
141-78-6	Ethyl acetate	0.323		0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
71-43-2	Benzene	0.313	U	0.313	0.313	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.218		0.215	0.215	r
142-82-5	Heptane	0.244		0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.221	U	0.221	0.221	r
108-88-3	Toluene	1.02		0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
127-18-4	Tetrachloroethene	0.824		0.037	0.037	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
179601-23-1	m,p-Xylene	0.571		0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

CLIENT ID

AIR ANALYSIS DATA SHEET

CS34443 DUP

Client: SESI-NYSAMPLES Lab: Phoenix Env. Labs

SDG No.: GCS34475 Lab Sample ID: CS34443 DUP

Canister: 357 Lab File ID: 1223_10.D

Instrument: CHEM20 Column: RTX-1 60M Date Received: 12/23/24

Purge Volume 200 (cc) Date Analyzed: 12/23/24

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
91-20-3	Naphthalene	0.200	U	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
56-23-5	Carbon Tetrachloride(sim)	0.068		0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.221	U	0.221	0.221	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.118	U	0.118	0.118	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_10.D
Acq On : 23 Dec 2024 9:24 pm
Operator :
Client ID : CS34443 DUP
Lab ID : CS34443 DUP
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 24 09:32:56 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

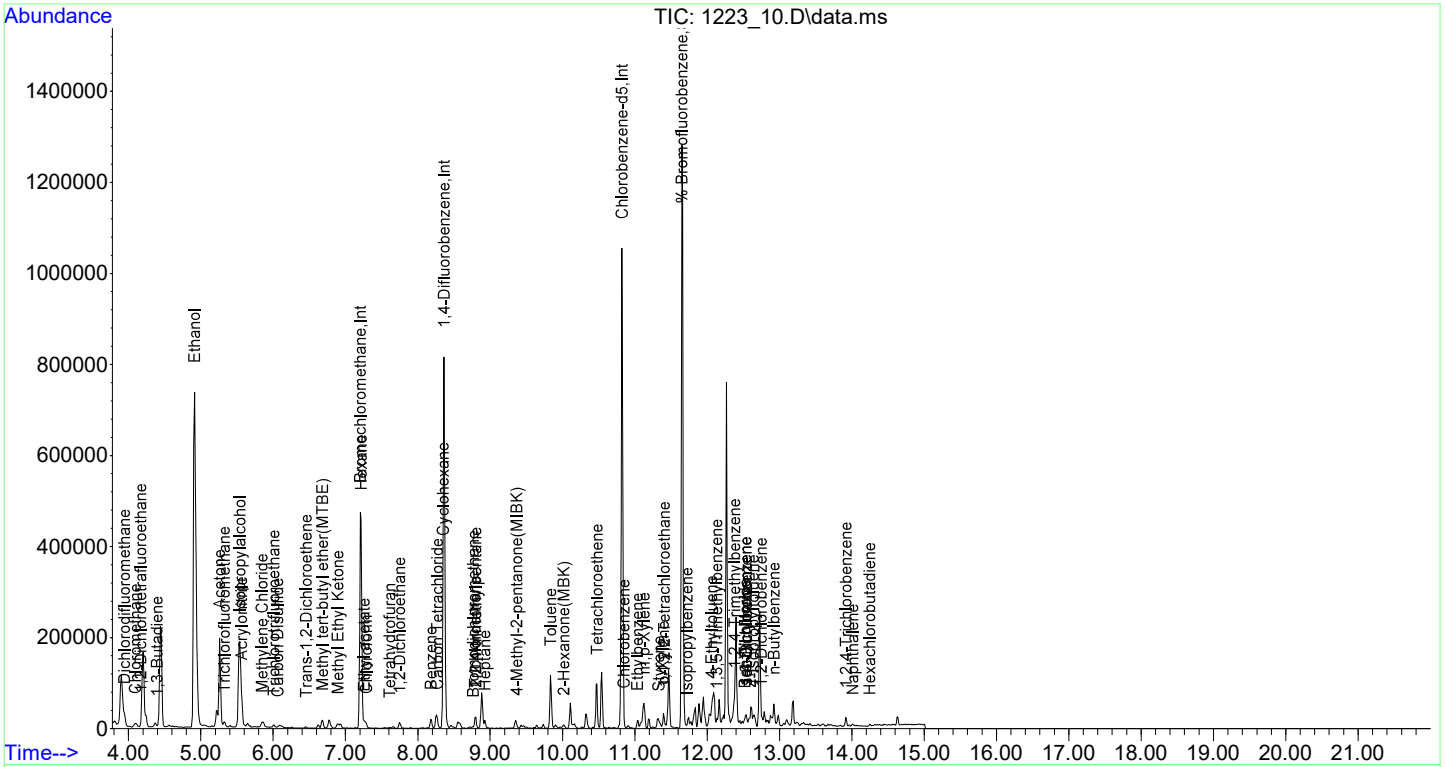
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.205	130	165679	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.360	114	572542	10.000	ng		0.00
53) Chlorobenzene-d5	10.821	82	260140	10.000	ng		0.00
80) Bromochloromethane(sim)	7.211	130	179106	10.000	ng	#	0.00
95) 1,4-Difluorobenzene(sim)	8.360	114	572542	10.000	ng		0.00
105) Chlorobenzene-d5(sim)	10.821	82	260140	10.000	ng		0.00
System Monitoring Compounds							
62) % Bromofluorobenzene	11.651	95	381027	11.152	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 111.50%				
Target Compounds							Qvalue
3) Dichlorodifluoromethane	3.944	85	19817	0.451	ppbv		97
4) Chloromethane	4.095	50	9346	0.571	ppbv		97
11) Ethanol	4.914	45	1109211	137.319	ppbv#		77
12) Acetone	5.259	43	219484	7.623	ppbv#		86
13) Trichlorofluoromethane	5.323	101	9299	0.206	ppbv		95
14) Isopropylalcohol	5.539	45	312334	8.364	ppbv		92
25) Methyl Ethyl Ketone	6.893	43	16591	0.423	ppbv#		72
27) Hexane	7.216	57	8537	0.298	ppbv#		68
29) Ethyl acetate	7.257	61	1945	0.323	ppbv#		76
34) Carbon Tetrachloride	8.270	117	2868	0.071	ppbv		97
43) Heptane	8.926	43	8750	0.244	ppbv#		54
48) Toluene	9.835	91	63415	1.023	ppbv		98
52) Tetrachloroethene	10.476	166	26907	0.824	ppbv		95
57) m,p-Xylene	11.128	91	28746	0.571	ppbv		94
84] Trichlorofluoromethane...	5.329	101	10049	0.207	ppbv#		97
88] Carbon Tetrachloride(sim)	8.275	117	2934	0.068	ppbv		96
104] Tetrachloroethene(sim)	10.472	166	30107	0.815	ppbv		97
107] m,p-Xylene(sim)	11.128	91	28746	0.483	ppbv#		95

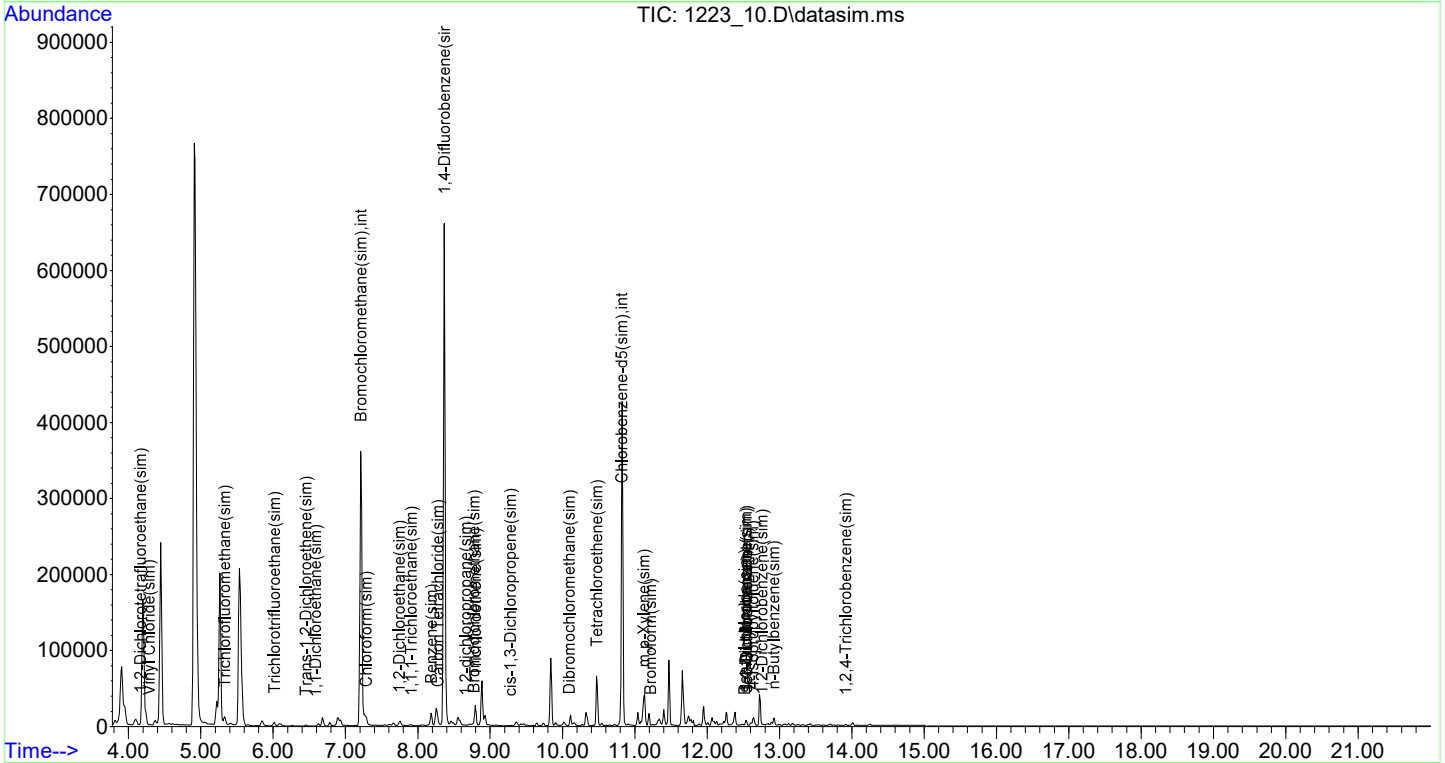
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

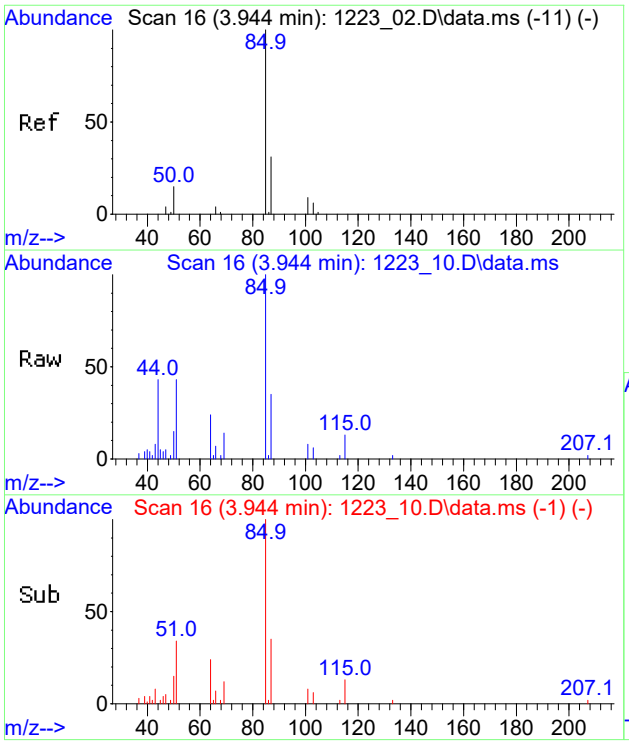
Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM20\12DEC\23A\
Data File : 1223_10.D
Acq On : 23 Dec 2024 9:24 pm
Operator :
Client ID : CS34443 DUP
Lab ID : CS34443 DUP
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 24 09:32:56 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration



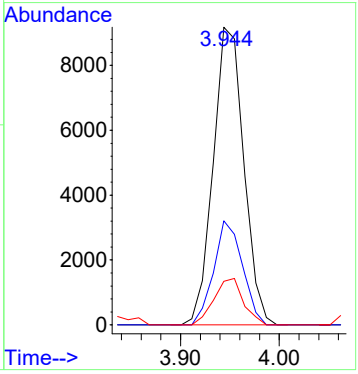


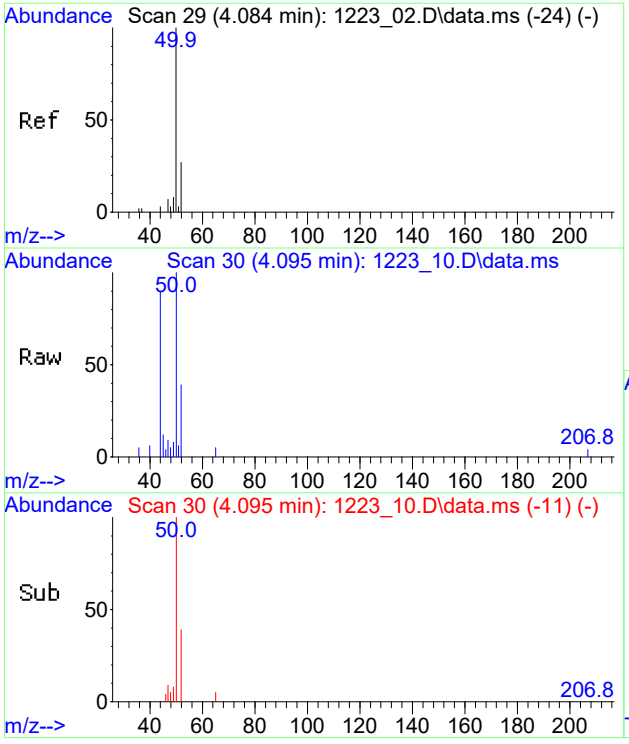


#3
Dichlorodifluoromethane
Conc: 8$ 0.451 ppbv
RT: 3.944 min Scan# 16
Delta R.T. -0.010 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion: 85 Resp: 19817

Ion	Ratio	Lower	Upper
85	100		
87	32.8	28.2	42.2
50	15.0	11.9	17.9

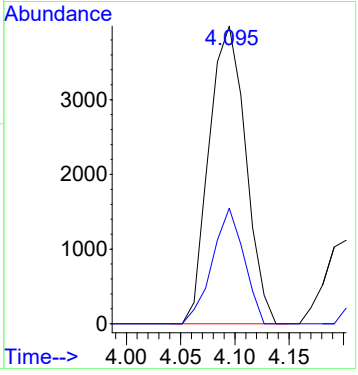


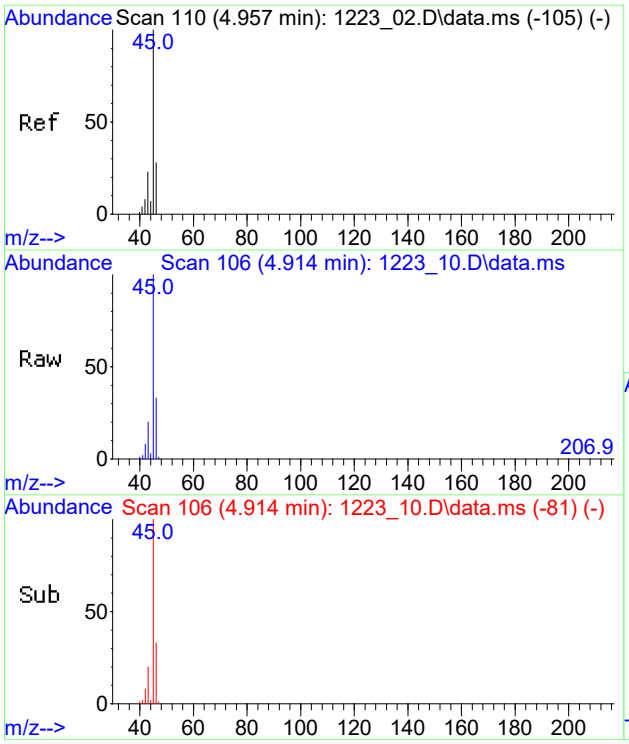


#4
Chloromethane
Conc: 8$ 0.571 ppbv
RT: 4.095 min Scan# 30
Delta R.T. -0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion: 50 Resp: 9346

Ion	Ratio	Lower	Upper
50	100		
52	33.5	15.4	55.4

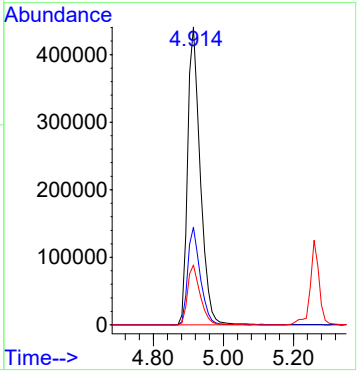


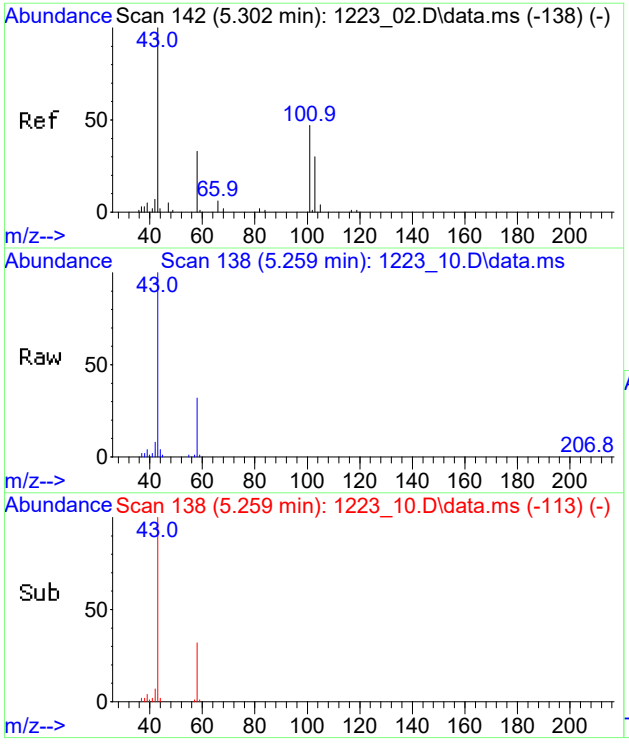


#11
Ethanol
Conc: 8$ 137.319 ppbv
RT: 4.914 min Scan# 106
Delta R.T. -0.032 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion: 45 Resp: 1109211

Ion	Ratio	Lower	Upper
45	100		
46	32.5	26.6	40.0
43	20.0	36.4	54.6#

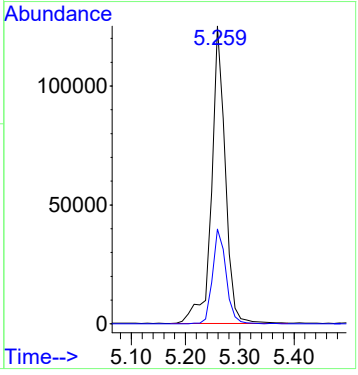


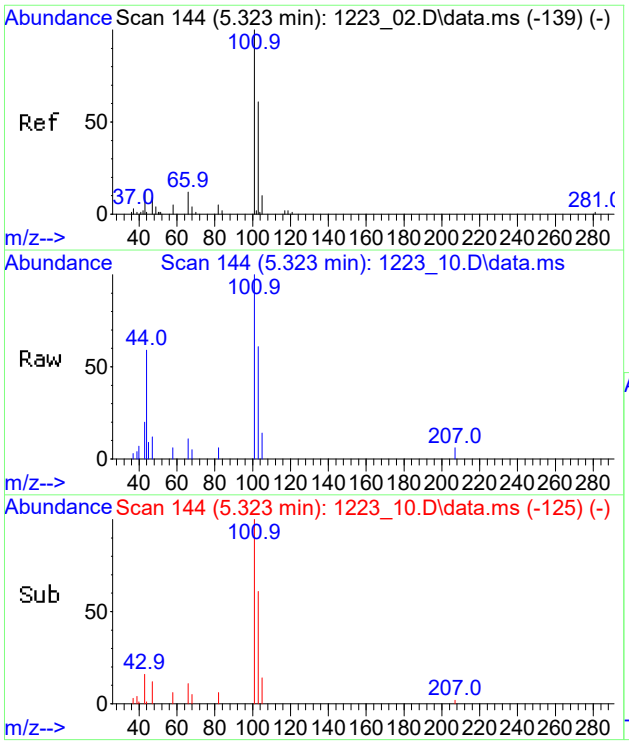


#12
Acetone
Conc: 8$ 7.623 ppbv
RT: 5.259 min Scan# 138
Delta R.T. -0.032 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion: 43 Resp: 219484

Ion	Ratio	Lower	Upper
43	100		
58	31.3	19.5	29.3#

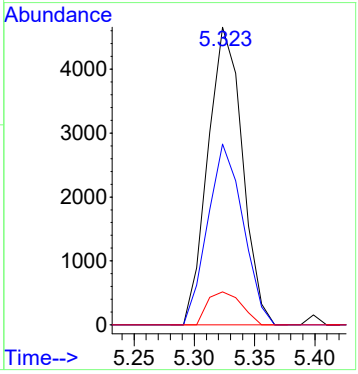


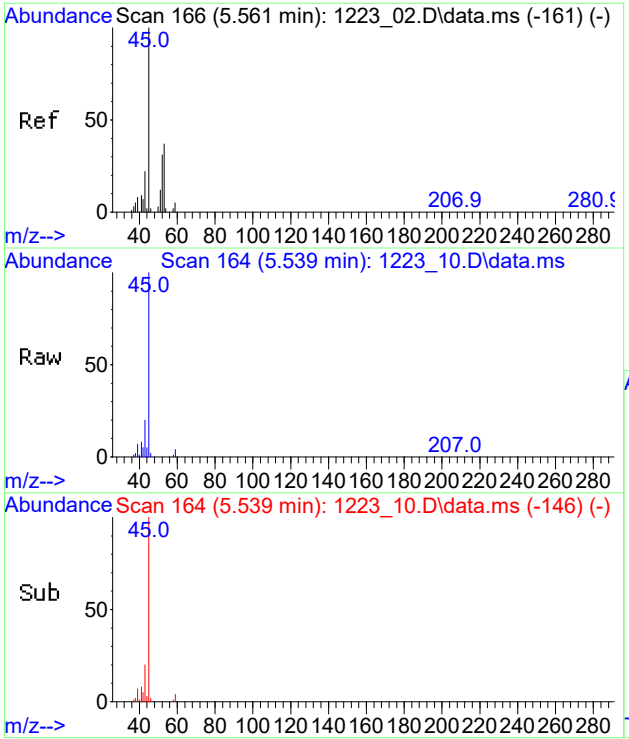


#13
Trichlorofluoromethane
Conc: 8$ 0.206 ppbv
RT: 5.323 min Scan# 144
Delta R.T. 0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion:101 Resp: 9299

Ion	Ratio	Lower	Upper
101	100		
103	62.2	52.6	79.0
66	10.9	10.7	16.1

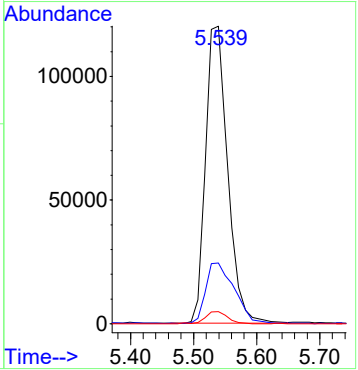


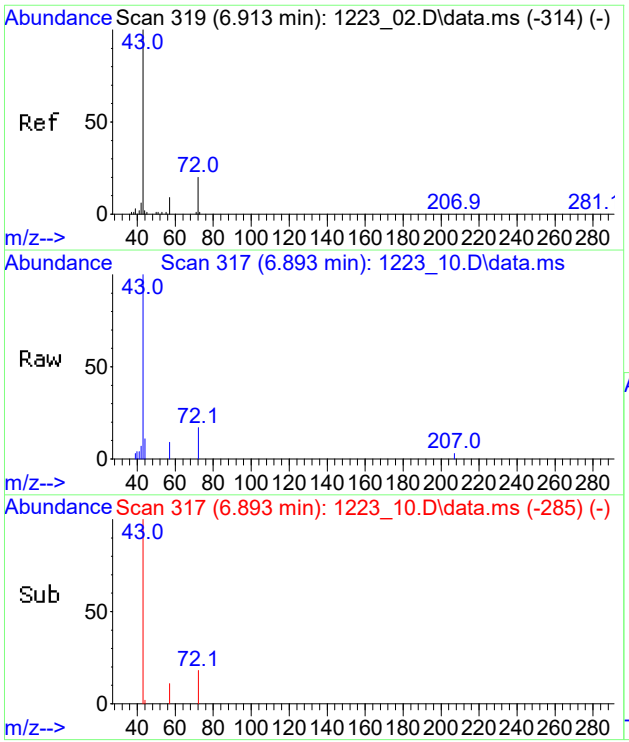


#14
Isopropylalcohol
Conc: 8$ 8.364 ppbv
RT: 5.539 min Scan# 164
Delta R.T. -0.011 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion: 45 Resp: 312334

Ion	Ratio	Lower	Upper
45	100		
43	25.9	17.4	26.2
59	3.9	2.7	4.1

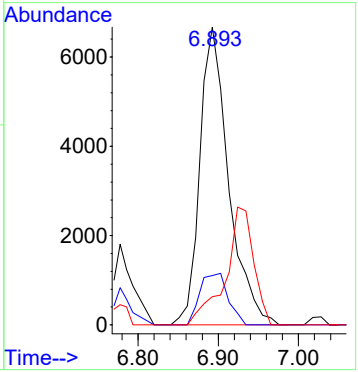


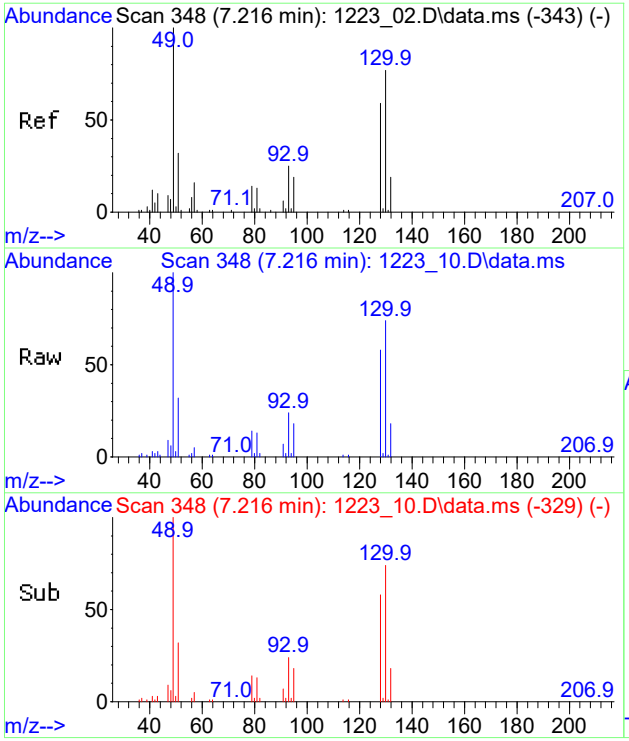


#25
Methyl Ethyl Ketone
Conc: 8$ 0.423 ppbv
RT: 6.893 min Scan# 317
Delta R.T. -0.010 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion: 43 Resp: 16591

Ion	Ratio	Lower	Upper
43	100		
72	16.9	14.6	22.0
57	38.7	5.7	8.5#

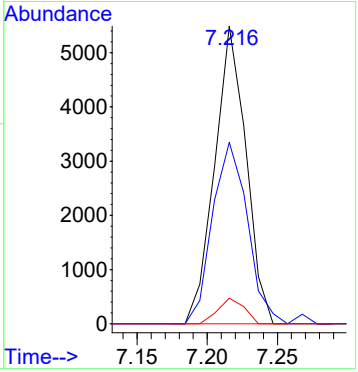


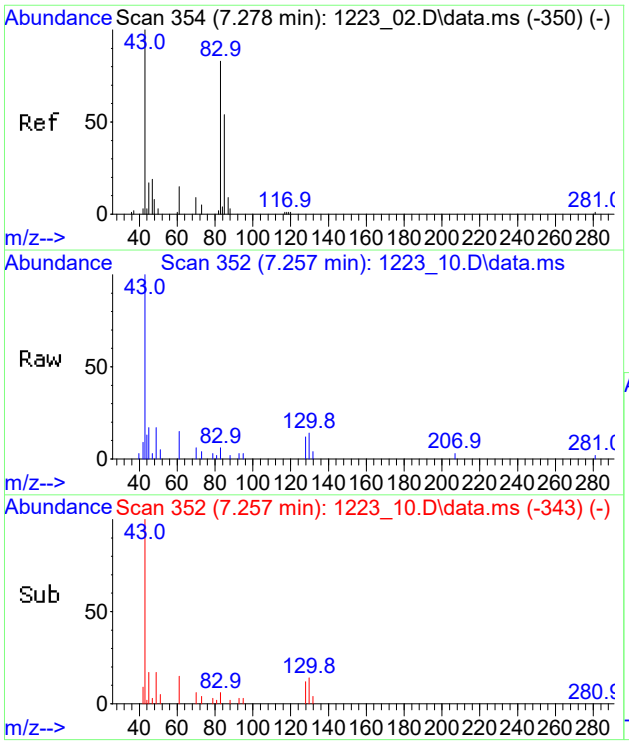


#27
Hexane
Conc: 8$ 0.298 ppbv
RT: 7.216 min Scan# 348
Delta R.T. 0.001 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion: 57 Resp: 8537

Ion	Ratio	Lower	Upper
57	100		
41	69.2	83.3	124.9#
86	7.3	10.7	16.1#

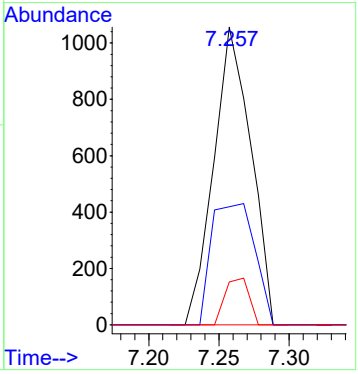


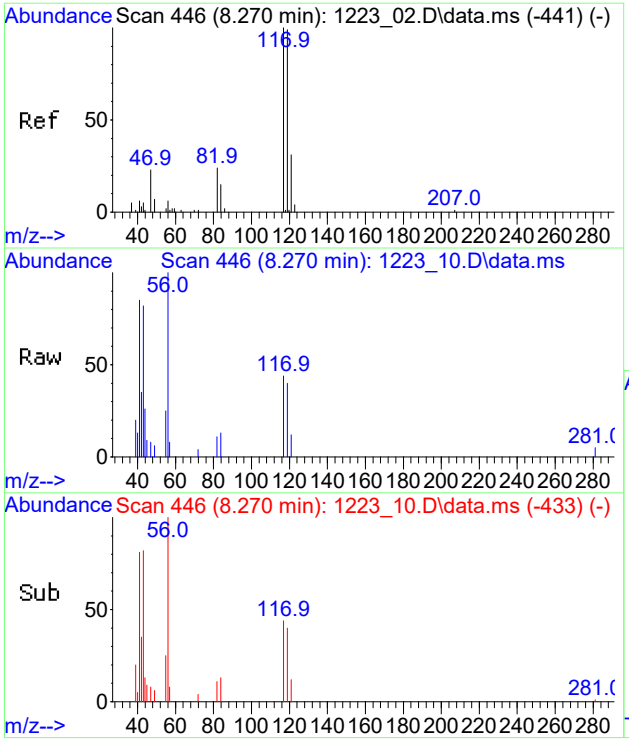


#29
Ethyl acetate
Conc: 8$ 0.323 ppbv
RT: 7.257 min Scan# 352
Delta R.T. -0.011 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion: 61 Resp: 1945

Ion	Ratio	Lower	Upper
61	100		
70	47.5	53.6	80.4#
88	10.2	16.0	24.0#

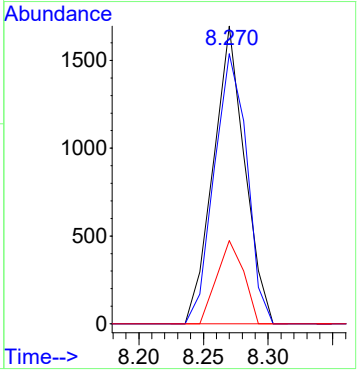


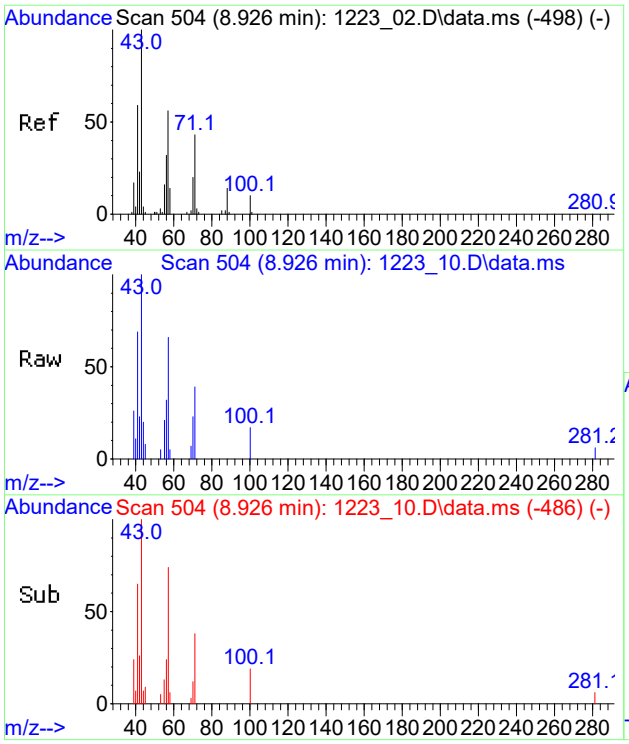


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.270 min Scan# 446
Delta R.T. -0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion:117 Resp: 2868

Ion	Ratio	Lower	Upper
117	100		
119	94.0	73.6	113.6
121	23.9	10.9	50.9

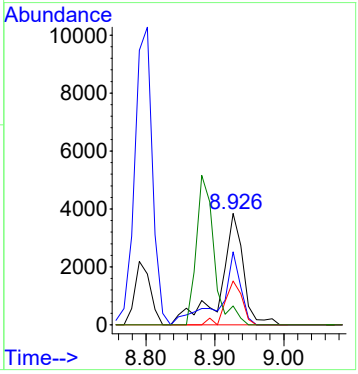


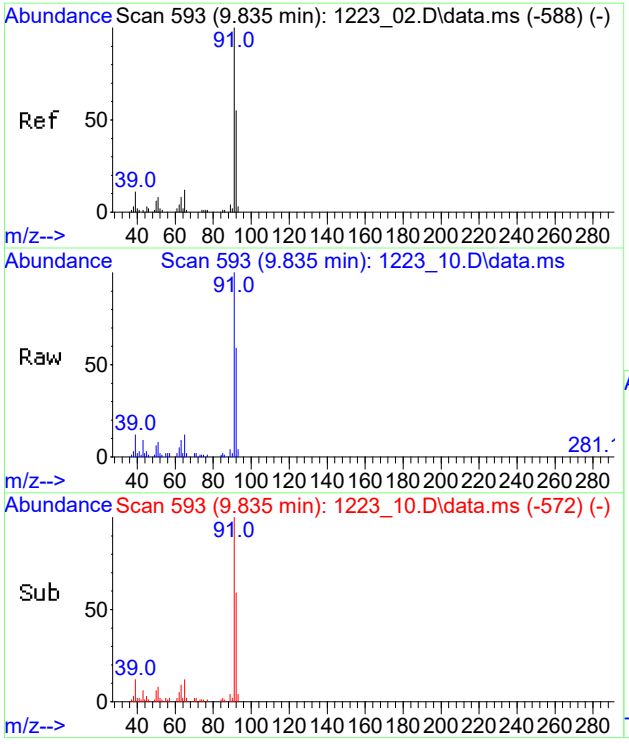


#43
Heptane
Conc: 8$ 0.244 ppbv
RT: 8.926 min Scan# 504
Delta R.T. 0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion: 43 Resp: 8750

Ion	Ratio	Lower	Upper
43	100		
57	58.8	36.0	54.0#
71	29.7	37.8	56.6#
100	105.9	7.7	11.5#

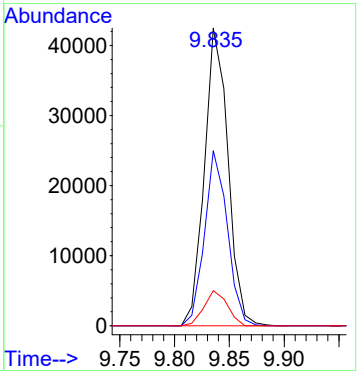


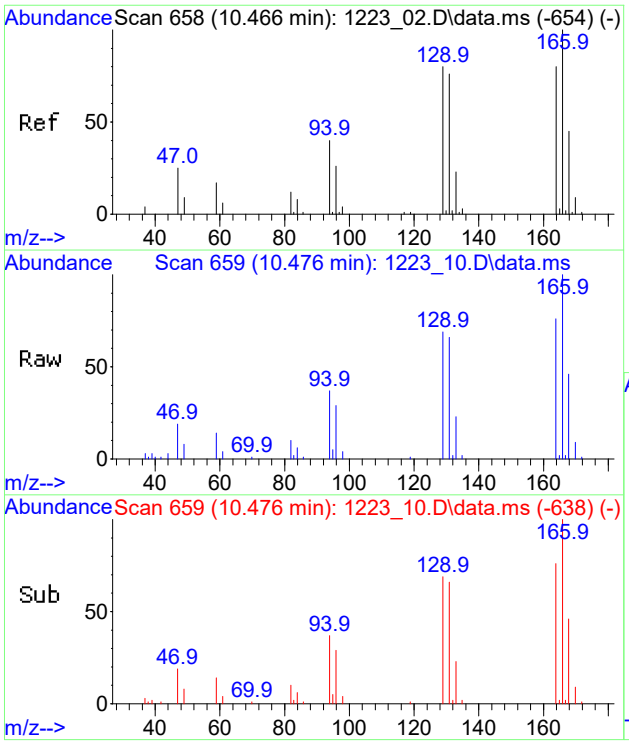


#48
Toluene
Conc: 8$ 1.023 ppbv
RT: 9.835 min Scan# 593
Delta R.T. 0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion: 91 Resp: 63415

Ion	Ratio	Lower	Upper
91	100		
92	57.0	46.5	69.7
65	11.7	10.6	16.0

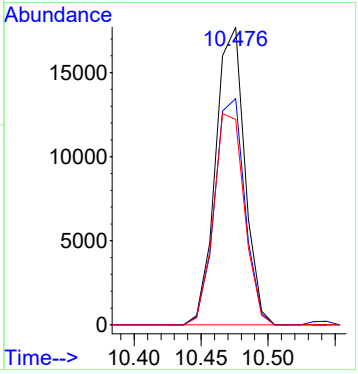


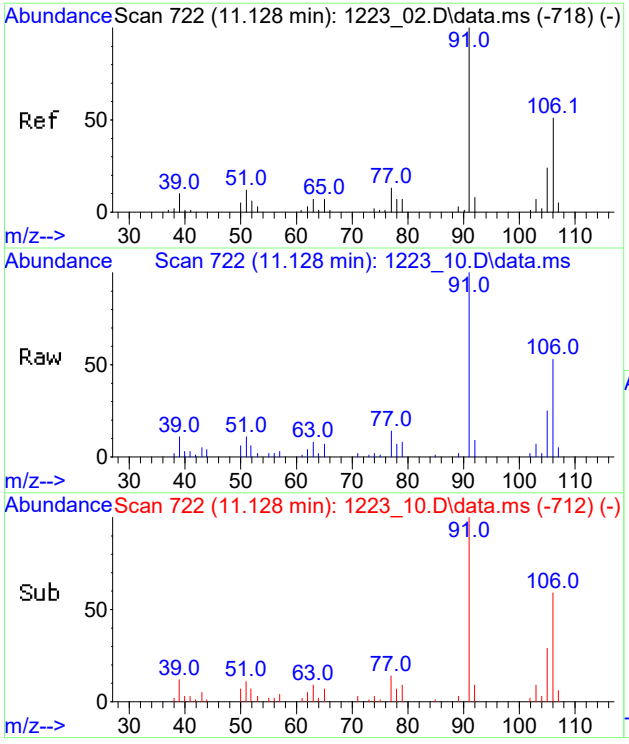


#52
Tetrachloroethene
Conc: 8$ 0.824 ppbv
RT: 10.476 min Scan# 659
Delta R.T. -0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion:166 Resp: 26907

Ion	Ratio	Lower	Upper
166	100		
164	78.7	61.4	92.0
129	75.0	55.3	82.9

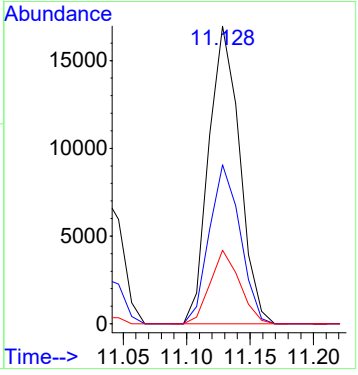


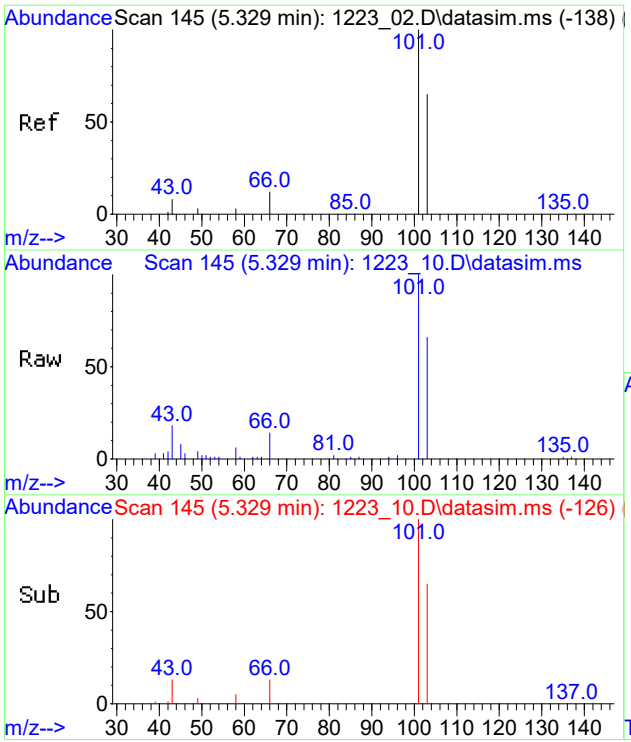


#57
m,p-Xylene
Conc: 8$ 0.571 ppbv
RT: 11.128 min Scan# 722
Delta R.T. 0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion: 91 Resp: 28746

Ion	Ratio	Lower	Upper
91	100		
106	53.5	38.0	57.0
105	23.8	19.0	28.6

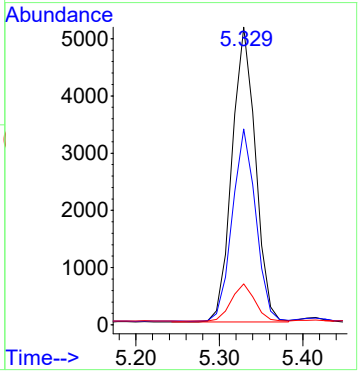


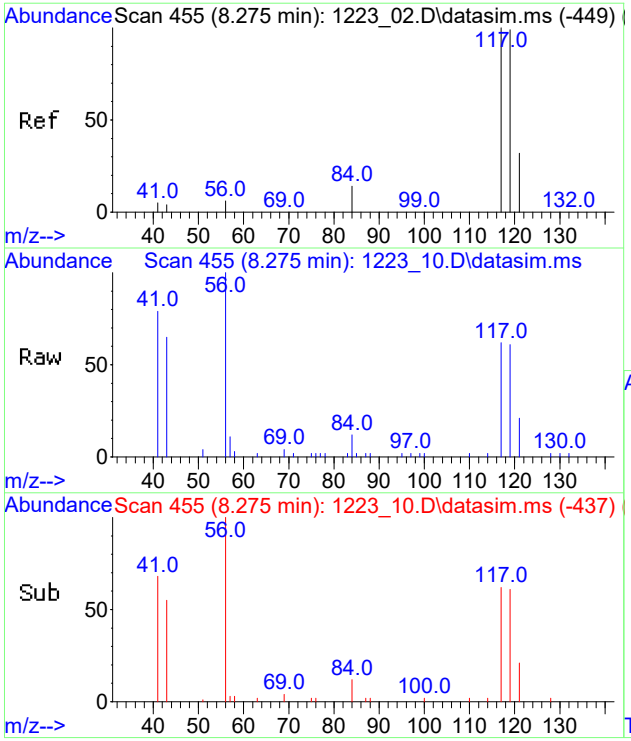


#84
Trichlorofluoromethane(sim)
Conc: 8$ 0.207 ppbv
RT: 5.329 min Scan# 145
Delta R.T. -0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion:101 Resp: 10049

Ion	Ratio	Lower	Upper
101	100		
103	65.1	53.9	80.9
66	12.6	12.2	12.2#

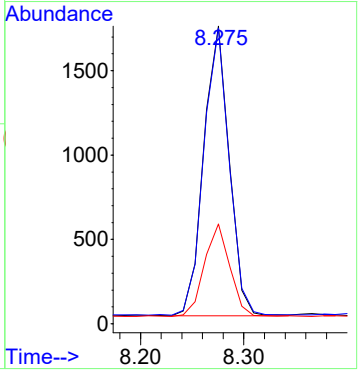


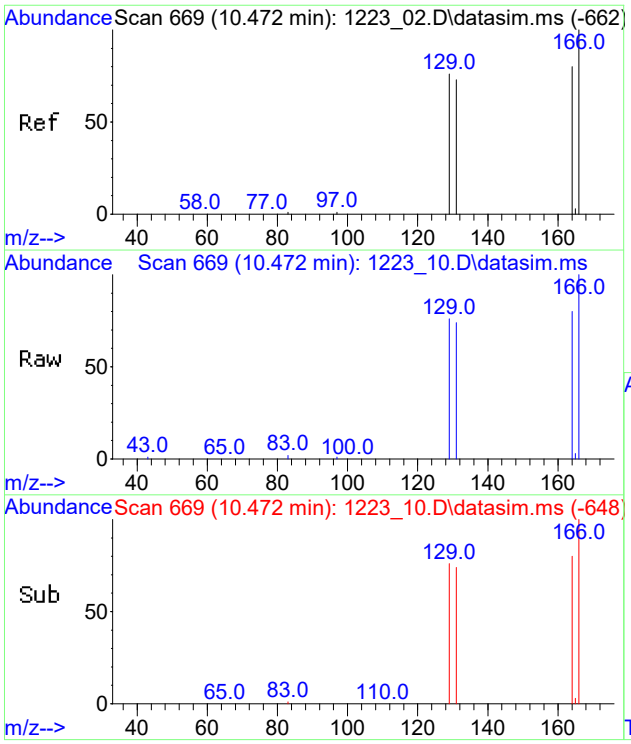


#88
Carbon Tetrachloride(sim)
Conc: 8$ 0.068 ppbv
RT: 8.275 min Scan# 455
Delta R.T. 0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion:117 Resp: 2934

Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.0	112.4
121	31.8	25.1	37.7

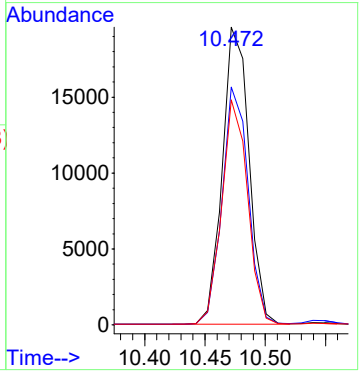


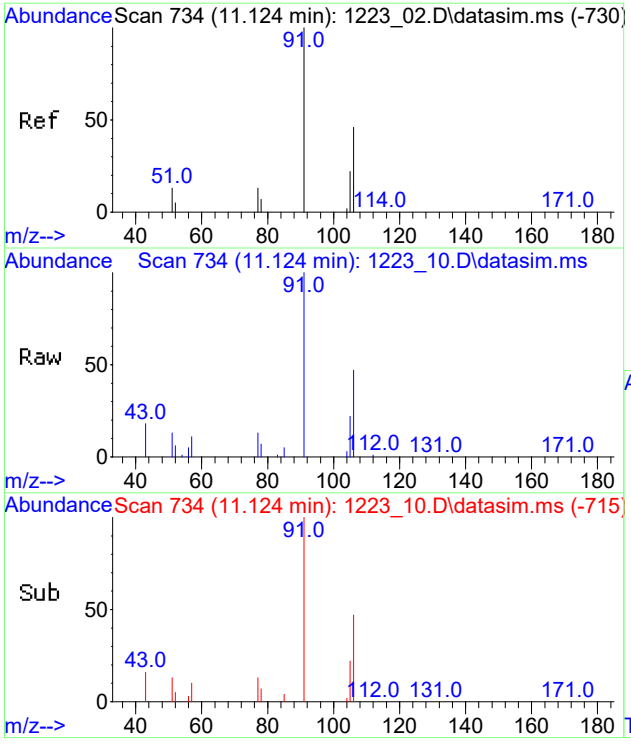


#104
Tetrachloroethene(sim)
Conc: 8$ 0.815 ppbv
RT: 10.472 min Scan# 669
Delta R.T. -0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion:166 Resp: 30107

Ion	Ratio	Lower	Upper
166	100		
164	78.3	58.0	98.0
129	73.2	48.3	88.3

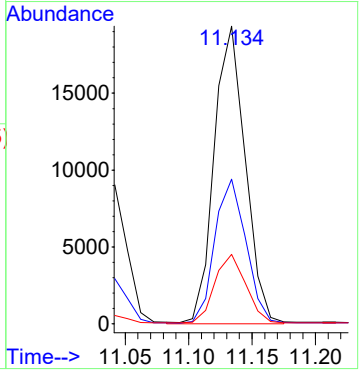




#107
m,p-Xylene(sim)
Conc: 8$ 0.483 ppbv
RT: 11.128 min Scan# 734
Delta R.T. 0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion: 91 Resp: 28746

Ion	Ratio	Lower	Upper
91	100		
106	53.5	43.2	52.8#
105	23.8	19.0	28.6



1

CLIENT ID

AIR ANALYSIS DATA SHEET

CANISTER BLK 3651

Client: SESI-NYSAMPLES Lab: Phoenix Env. Labs

SDG No.: GCS34475 Lab Sample ID: CANISTER BLK 3651

Canister: CANBL Lab File ID: 1213_31.D

Instrument: CHEM24 Column: Date Received:

Purge Volume 200 (cc) Date Analyzed: 12/14/24

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
115-07-1	Propylene	0.581	U	0.581	0.581	r
75-71-8	Dichlorodifluoromethane	0.202	U	0.202	0.202	r
74-87-3	Chloromethane	0.485	U	0.485	0.485	r
106-99-0	1,3-Butadiene	0.452	U	0.452	0.452	r
75-00-3	Chloroethane	0.379	U	0.379	0.379	r
64-17-5	Ethanol	0.531	U	0.531	0.531	r
67-64-1	Acetone	0.421	U	0.421	0.421	r
67-63-0	Isopropylalcohol	0.407	U	0.407	0.407	r
107-13-1	Acrylonitrile	0.461	U	0.461	0.461	r
75-09-2	Methylene Chloride	0.863	U	0.863	0.863	r
75-15-0	Carbon Disulfide	0.321	U	0.321	0.321	r
1634-04-4	Methyl tert-butyl ether(MTBE)	0.278	U	0.278	0.278	r
78-93-3	Methyl Ethyl Ketone	0.339	U	0.339	0.339	r
110-54-3	Hexane	0.284	U	0.284	0.284	r
141-78-6	Ethyl acetate	0.278	U	0.278	0.278	r
109-99-9	Tetrahydrofuran	0.339	U	0.339	0.339	r
110-82-7	Cyclohexane	0.291	U	0.291	0.291	r
540-84-1	2,2,4-trimethylpentane	0.215	U	0.215	0.215	r
142-82-5	Heptane	0.244	U	0.244	0.244	r
108-10-1	4-Methyl-2-pentanone(MIBK)	0.244	U	0.244	0.244	r
10061-02-6	trans-1,3-Dichloropropene	0.220	U	0.220	0.220	r
108-88-3	Toluene	0.266	U	0.266	0.266	r
591-78-6	2-Hexanone(MBK)	0.244	U	0.244	0.244	r
630-20-6	1,1,1,2-Tetrachloroethane	0.146	U	0.146	0.146	r
108-90-7	Chlorobenzene	0.217	U	0.217	0.217	r
100-41-4	Ethylbenzene	0.230	U	0.230	0.230	r
100-42-5	Styrene	0.235	U	0.235	0.235	r
95-47-6	o-Xylene	0.230	U	0.230	0.230	r
98-82-8	Isopropylbenzene	0.204	U	0.204	0.204	r
622-96-8	4-Ethyltoluene	0.204	U	0.204	0.204	r
108-67-8	1,3,5-Trimethylbenzene	0.204	U	0.204	0.204	r
95-63-6	1,2,4-Trimethylbenzene	0.204	U	0.204	0.204	r
91-20-3	Naphthalene	0.200	U	0.200	0.200	r
76-14-2	1,2-Dichlorotetrafluoroethane(sim)	0.143	U	0.143	0.143	r
75-01-4	Vinyl Chloride(sim)	0.078	U	0.078	0.078	r
74-83-9	Bromomethane(sim)	0.258	U	0.258	0.258	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

1

CLIENT ID

AIR ANALYSIS DATA SHEET

CANISTER BLK 3651

Client: SESI-NYSAMPLES Lab: Phoenix Env. Labs

SDG No.: GCS34475 Lab Sample ID: CANISTER BLK 3651

Canister: CANBL Lab File ID: 1213_31.D

Instrument: CHEM24 Column: Date Received:

Purge Volume 200 (cc) Date Analyzed: 12/14/24

Matrix: AIR Dilution Factor: 1

CONCENTRATION UNITS: (ppbv or ug/m3) ppbv

CAS NO.	COMPOUND	CONC.	Q	MDL	PQL	R
75-69-4	Trichlorofluoromethane(sim)	0.178	U	0.178	0.178	r
107-06-2	1,2-Dichloroethane(sim)	0.247	U	0.247	0.247	r
71-55-6	1,1,1-Trichloroethane(sim)	0.183	U	0.183	0.183	r
71-43-2	Benzene(sim)	0.313	U	0.313	0.313	r
56-23-5	Carbon Tetrachloride(sim)	0.032	U	0.032	0.032	r
75-35-4	1,1-Dichloroethene(sim)	0.051	U	0.051	0.051	r
76-13-1	Trichlorotrifluoroethane(sim)	0.131	U	0.131	0.131	r
156-60-5	Trans-1,2-Dichloroethene(sim)	0.252	U	0.252	0.252	r
75-34-3	1,1-Dichloroethane(sim)	0.247	U	0.247	0.247	r
156-59-2	Cis-1,2-Dichloroethene(sim)	0.051	U	0.051	0.051	r
67-66-3	Chloroform(sim)	0.205	U	0.205	0.205	r
78-87-5	1,2-dichloropropane(sim)	0.217	U	0.217	0.217	r
75-27-4	Bromodichloromethane(sim)	0.149	U	0.149	0.149	r
79-01-6	Trichloroethene(sim)	0.037	U	0.037	0.037	r
123-91-1	1,4-Dioxane(sim)	0.278	U	0.278	0.278	r
10061-01-5	cis-1,3-Dichloropropene(sim)	0.220	U	0.220	0.220	r
79-00-5	1,1,2-Trichloroethane(sim)	0.183	U	0.183	0.183	r
124-48-1	Dibromochloromethane(sim)	0.117	U	0.117	0.117	r
106-93-4	1,2-Dibromoethane(EDB)(sim)	0.130	U	0.130	0.130	r
127-18-4	Tetrachloroethene(sim)	0.037	U	0.037	0.037	r
75-25-2	Bromoform(sim)	0.097	U	0.097	0.097	r
179601-23-1	m,p-Xylene(sim)	0.230	U	0.230	0.230	r
79-34-5	1,1,2,2-Tetrachloroethane(sim)	0.146	U	0.146	0.146	r
100-44-7	Benzyl chloride(sim)	0.193	U	0.193	0.193	r
541-73-1	1,3-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
106-46-7	1,4-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
135-98-8	sec-Butylbenzene(sim)	0.182	U	0.182	0.182	r
99-87-6	4-Isopropyltoluene(sim)	0.182	U	0.182	0.182	r
95-50-1	1,2-Dichlorobenzene(sim)	0.166	U	0.166	0.166	r
104-51-8	n-Butylbenzene(sim)	0.182	U	0.182	0.182	r
120-82-1	1,2,4-Trichlorobenzene(sim)	0.135	U	0.135	0.135	r
87-68-3	Hexachlorobutadiene(sim)	0.094	U	0.094	0.094	r

FORM I AIR

r=Result Reported U=Not Detected D=Reported Dilution E/J=Estimated Value X=Not Used S=Lab Solvent

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045

Batch Canister Certification

January 19, 2025

Batch Id: 3651

QC Canister Id: 782

SDG ID: GCS34475

Sample Canister Ids: 12871, 7647, 9494

Certification Date: 12/14/24 7:29 AM

Data File: H:\AIR2024\CHEM24\12DEC\13\1213_31.D\1213_31-24_AIR_1018.rr

Project ID: PEEKSKILL NY

Analyte	Result (ppbv)	Analyte	Result (ppbv)
1,1,1,2-Tetrachloroethane	<0.146	1,1,1-Trichloroethane	<0.183
1,1,2,2-Tetrachloroethane	<0.146	1,1,2-Trichloroethane	<0.183
1,1-Dichloroethane	<0.247	1,1-Dichloroethene	<0.051
1,2,4-Trichlorobenzene	<0.135	1,2,4-Trimethylbenzene	<0.204
1,2-Dibromoethane(EDB)	<0.130	1,2-Dichlorobenzene	<0.166
1,2-Dichloroethane	<0.247	1,2-dichloropropane	<0.217
1,2-Dichlorotetrafluoroethane	<0.143	1,3,5-Trimethylbenzene	<0.204
1,3-Butadiene	<0.452	1,3-Dichlorobenzene	<0.166
1,4-Dichlorobenzene	<0.166	1,4-Dioxane	<0.278
2-Hexanone(MBK)	<0.244	4-Ethyltoluene	<0.204
4-Isopropyltoluene	<0.182	4-Methyl-2-pentanone(MIBK)	<0.244
Acetone	<0.421	Acrylonitrile	<0.461
Benzene	<0.313	Benzyl chloride	<0.193
Bromodichloromethane	<0.149	Bromoform	<0.097
Bromomethane	<0.258	Carbon Disulfide	<0.321
Carbon Tetrachloride	<0.032	Chlorobenzene	<0.217
Chloroethane	<0.379	Chloroform	<0.205
Chloromethane	<0.485	Cis-1,2-Dichloroethene	<0.051
cis-1,3-Dichloropropene	<0.220	Cyclohexane	<0.291
Dibromochloromethane	<0.117	Dichlorodifluoromethane	<0.202
Ethanol	<0.531	Ethyl acetate	<0.278
Ethylbenzene	<0.230	Heptane	<0.244
Hexachlorobutadiene	<0.094	Hexane	<0.284
Isooctane	<0.215	Isopropylalcohol	<0.407
Isopropylbenzene	<0.204	m,p-Xylene	<0.230
Methyl Ethyl Ketone	<0.339	Methyl tert-butyl ether(MTBE)	<0.278
Methylene Chloride	<0.863	Naphthalene	<0.200
n-Butylbenzene	<0.182	o-Xylene	<0.230
Propylene	<0.581	sec-Butylbenzene	<0.182
Styrene	<0.235	Tetrachloroethene	<0.037
Tetrahydrofuran	<0.339	Toluene	<0.266
Trans-1,2-Dichloroethene	<0.252	trans-1,3-Dichloropropene	<0.220
Trichloroethene	<0.037	Trichlorofluoromethane	<0.178
Trichlorotrifluoroethane	<0.131	Vinyl Chloride	<0.078

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM24\12DEC\13\
Data File : 1213_31.D
Acq On : 14 Dec 2024 7:29 am
Operator : Keith
Client ID : CANISTER BLK 3651
Lab ID : CANISTER BLK 3651
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 14 07:58:14 2024
Quant Method : H:\AIR2024\CHEM24\Methods\24_AIR_1018.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Oct 21 10:04:28 2024
Response via : Initial Calibration

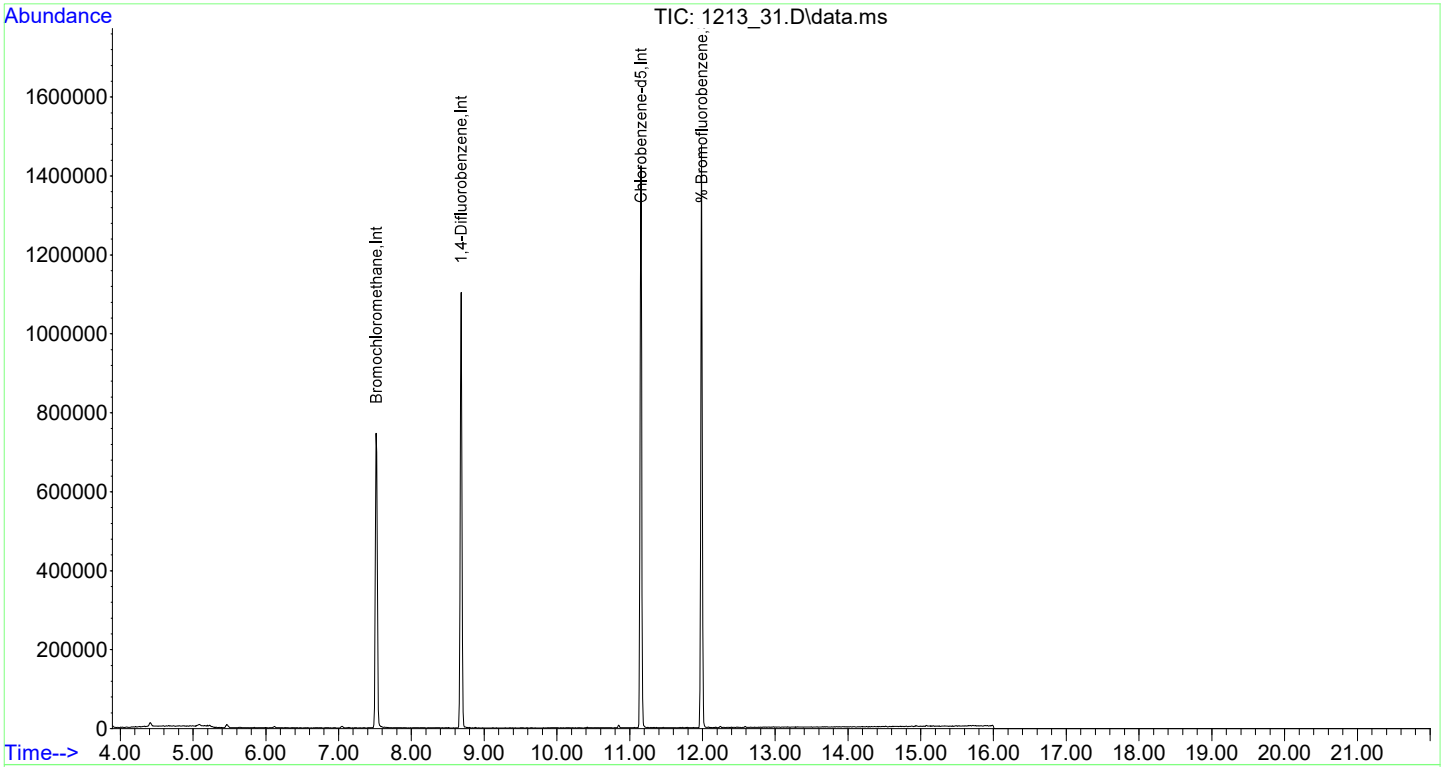
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.515	130	233682	10.000	ng		0.00
37) 1,4-Difluorobenzene	8.684	114	731673	10.000	ng		0.00
54) Chlorobenzene-d5	11.155	82	313892	10.000	ng		0.00
81) Bromochloromethane(sim)	7.518	130	239447	10.000	ng	#	0.00
96) 1,4-Difluorobenzene(sim)	8.684	114	731673	10.000	ng		0.00
106) Chlorobenzene-d5(sim)	11.155	82	313892	10.000	ng		0.00
System Monitoring Compounds							
63) % Bromofluorobenzene	11.989	95	373114	9.185	ppbv		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 91.90%				
Target Compounds							Qvalue

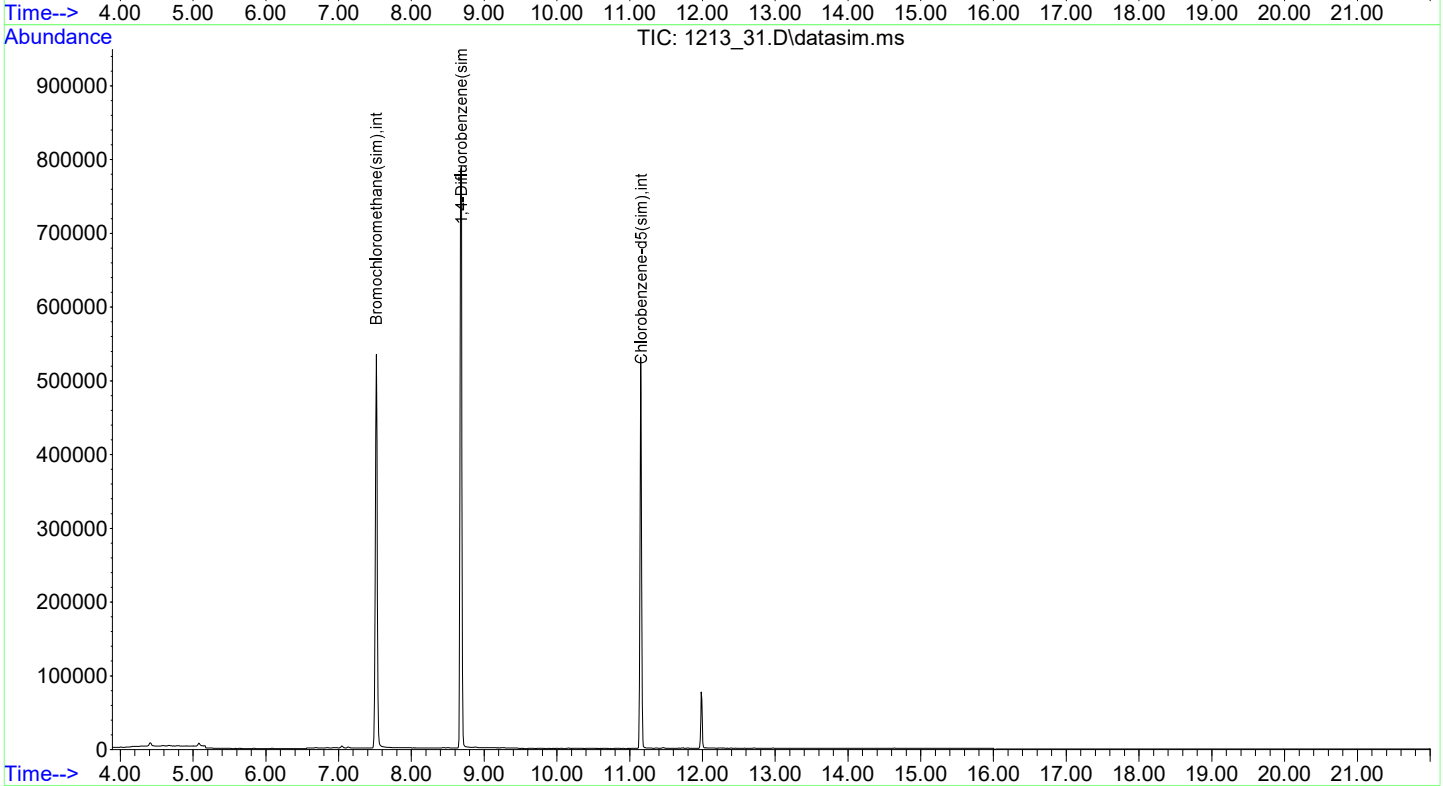
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

Quantitation Report (QT Reviewed)

Data Path : H:\AIR2024\CHEM24\12DEC\13\
Data File : 1213_31.D
Acq On : 14 Dec 2024 7:29 am
Operator : Keith
Client ID : CANISTER BLK 3651
Lab ID : CANISTER BLK 3651
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 14 07:58:14 2024
Quant Method : H:\AIR2024\CHEM24\Methods\24_AIR_1018.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Oct 21 10:04:28 2024
Response via : Initial Calibration





Injection Log

Data Directory: H:\AIR2024\CHEM20\12DEC\13A\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	0	1213_42.D	xxxxxxxxxx		N/A
2)	34	1213_01.D	xxxxxxxxxx		12/13/24 12:51
3)	38	1213_02.D	xxxxxxxxxx		12/13/24 13:21
4)	39	1213_03.D	BFB TUNE	0/0; ITSD AIR36E	12/13/24 13:52
5)	31	1213_04.D	ICAL 0.01	0.01 ppb; TO1510D	12/13/24 14:25
6)	1	1213_05.D	ICAL 0.02	0.02 ppb; TO1510D	12/13/24 14:56
7)	2	1213_06.D	ICAL 0.035	0.035 ppb; TO1510D	12/13/24 15:29
8)	3	1213_07.D	ICAL 0.05	0.05 ppb; TO1510D	12/13/24 16:03
9)	4	1213_08.D	ICAL 0.1	0.10 ppb; TO1510D	12/13/24 16:34
10)	5	1213_09.D	ICAL 0.2	0.20 ppb; TO1510D	12/13/24 17:05
11)	6	1213_10.D	ICAL 0.5	0.50 ppb; TO1510D	12/13/24 17:39
12)	7	1213_11.D	ICAL 2.5	2.5 ppb; TO1510C	12/13/24 18:12
13)	8	1213_12.D	ICAL 5	5.0 ppb; TO1510B	12/13/24 18:43
14)	10	1213_13.D	ICAL 25	25 ppb; TO1510B	12/13/24 19:17
15)	10	1213_14.D	ICAL 40	40ppb; TO1510B	12/13/24 19:52
16)	11	1213_15.D	ICAL 1	1ppb tune/cc; TO1510	12/13/24 20:23
17)	12	1213_16.D	ICAL 10	10ppb; TO1510B	12/13/24 20:55
18)	13	1213_17.D	ICV_CHEM20_1213	10ppb lcs; TO1510A	12/13/24 21:28
19)	14	1213_18.D	xxxxxxxxxx		12/13/24 21:58
20)	32	1213_19.D	xxxxxxxxxx		12/13/24 22:30
21)	33	1213_20.D	xxxxxxxxxx		12/13/24 23:04
22)	1	1213_21.D	xxxxxxxxxx		12/13/24 23:42
23)	2	1213_22.D	xxxxxxxxxx		12/14/24 0:23
24)	3	1213_23.D	xxxxxxxxxx		12/14/24 0:57
25)	4	1213_24.D	xxxxxxxxxx		12/14/24 1:31
26)	6	1213_25.D	xxxxxxxxxx		12/14/24 2:01
27)	3	1213_26.D	xxxxxxxxxx		12/14/24 8:05
28)	4	1213_27.D	xxxxxxxxxx		12/14/24 8:44
29)	5	1213_28.D	xxxxxxxxxx		12/14/24 9:22
30)	6	1213_29.D	xxxxxxxxxx		12/14/24 10:00
31)	7	1213_30.D	xxxxxxxxxx		12/14/24 10:39
32)	8	1213_31.D	xxxxxxxxxx		12/14/24 11:17
33)	9	1213_32.D	xxxxxxxxxx		12/14/24 11:55
34)	10	1213_33.D	xxxxxxxxxx		12/14/24 12:33
35)	11	1213_34.D	xxxxxxxxxx		12/14/24 13:12
36)	12	1213_35.D	xxxxxxxxxx		12/14/24 13:50
37)	13	1213_36.D	xxxxxxxxxx		12/14/24 14:28
38)	14	1213_37.D	xxxxxxxxxx		12/14/24 15:05
39)	15	1213_38.D	xxxxxxxxxx		12/14/24 15:43
40)	16	1213_39.D	xxxxxxxxxx		12/14/24 16:13
41)	17	1213_40.D	xxxxxxxxxx		12/14/24 16:45
42)	18	1213_41.D	xxxxxxxxxx		12/14/24 17:16

Injection Log

Data Directory: H:\AIR2024\CHEM20\12DEC\23A\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	0	1224_17.D	xxxxxxxxxx		N/A
2)	1	1223_01.D	xxxxxxxxxx		12/23/24 11:40
3)	28	1223_02.D	BFB TUNE - CCAL 1	1ppb ccal; TO1512N	12/23/24 12:11
4)	28	1223_03.D	xxxxxxxxxx		12/23/24 12:43
5)	29	1223_04.D	CS34443 LCS	CS34443 LCS	12/23/24 13:16
6)	1	1223_05.D	CS34443 BLANK	CS34443 BLANK	12/23/24 13:47
7)	2	1223_06.D	xxxxxxxxxx		12/23/24 14:19
8)	3	1223_07.D	xxxxxxxxxx		12/23/24 14:55
9)	4	1223_08.D	xxxxxxxxxx		12/23/24 15:29
10)	5	1223_09.D	CS34443 QC	CS34443 QC	12/23/24 20:48
11)	6	1223_10.D	CS34443 DUP	CS34443 DUP	12/23/24 21:24
12)	7	1223_11.D	xxxxxxxxxx		12/23/24 21:58
13)	8	1223_12.D	xxxxxxxxxx		12/23/24 22:33
14)	9	1223_13.D	xxxxxxxxxx		12/23/24 23:11
15)	10	1223_14.D	xxxxxxxxxx		12/23/24 23:45
16)	11	1223_15.D	xxxxxxxxxx		12/24/24 0:17
17)	12	1223_16.D	xxxxxxxxxx		12/24/24 0:49
18)	13	1223_17.D	xxxxxxxxxx		12/24/24 1:21
19)	14	1223_18.D	xxxxxxxxxx		12/24/24 1:52
20)	15	1223_19.D	xxxxxxxxxx		12/24/24 2:24
21)	16	1223_20.D	xxxxxxxxxx		12/24/24 2:56
22)	17	1223_21.D	xxxxxxxxxx		12/24/24 3:27
23)	18	1223_22.D	xxxxxxxxxx		12/24/24 3:59
24)	19	1223_23.D	SV-1 5X	CS34475 5X	12/24/24 4:31
25)	20	1223_24.D	SV-3 5X	CS34476 5X	12/24/24 5:03
26)	21	1223_25.D	SV-2 5X	CS34477 5X	12/24/24 5:34
27)	22	1223_26.D	xxxxxxxxxx		12/24/24 6:06
28)	23	1223_27.D	xxxxxxxxxx		12/24/24 6:37
29)	24	1223_28.D	xxxxxxxxxx		12/24/24 7:09
30)	25	1223_29.D	xxxxxxxxxx		12/24/24 7:40
31)	26	1223_30.D	xxxxxxxxxx		12/24/24 8:12
32)	27	1223_31.D	xxxxxxxxxx		12/24/24 8:44
33)	22	1223_32.D	xxxxxxxxxx		12/24/24 9:15
34)	23	1223_33.D	xxxxxxxxxx		12/24/24 10:04
35)	24	1224_01.D	CCCAL 1	1ppb ccal; TO1512N	12/24/24 10:35
36)	25	1224_02.D	xxxxxxxxxx		12/24/24 11:07
37)	26	1224_03.D	xxxxxxxxxx		12/24/24 11:40
38)	27	1224_04.D	xxxxxxxxxx		12/24/24 12:11
39)	28	1224_05.D	xxxxxxxxxx		12/24/24 12:43
40)	29	1224_06.D	xxxxxxxxxx		12/24/24 13:58
41)	30	1224_07.D	xxxxxxxxxx		12/24/24 14:31
42)	31	1224_08.D	xxxxxxxxxx		12/24/24 15:02
43)	32	1224_09.D	xxxxxxxxxx		12/24/24 15:33
44)	33	1224_10.D	xxxxxxxxxx		12/24/24 16:04
45)	34	1224_11.D	xxxxxxxxxx		12/24/24 16:36
46)	35	1224_12.D	xxxxxxxxxx		12/24/24 17:07
47)	36	1224_13.D	xxxxxxxxxx		12/24/24 17:38
48)	37	1224_14.D	xxxxxxxxxx		12/24/24 18:10
49)	38	1224_15.D	xxxxxxxxxx		12/24/24 18:41
50)	39	1224_16.D	xxxxxxxxxx		12/24/24 19:13

Injection Log

Data Directory: H:\AIR2024\CHEM20\12DEC\13A\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	0	1213_42.D	xxxxxxxxxx		N/A
2)	34	1213_01.D	xxxxxxxxxx		12/13/24 12:51
3)	38	1213_02.D	xxxxxxxxxx		12/13/24 13:21
4)	39	1213_03.D	BFB TUNE	0/0; ITSD AIR36E	12/13/24 13:52
5)	31	1213_04.D	ICAL 0.01	0.01 ppb; TO1510D	12/13/24 14:25
6)	1	1213_05.D	ICAL 0.02	0.02 ppb; TO1510D	12/13/24 14:56
7)	2	1213_06.D	ICAL 0.035	0.035 ppb; TO1510D	12/13/24 15:29
8)	3	1213_07.D	ICAL 0.05	0.05 ppb; TO1510D	12/13/24 16:03
9)	4	1213_08.D	ICAL 0.1	0.10 ppb; TO1510D	12/13/24 16:34
10)	5	1213_09.D	ICAL 0.2	0.20 ppb; TO1510D	12/13/24 17:05
11)	6	1213_10.D	ICAL 0.5	0.50 ppb; TO1510D	12/13/24 17:39
12)	7	1213_11.D	ICAL 2.5	2.5 ppb; TO1510C	12/13/24 18:12
13)	8	1213_12.D	ICAL 5	5.0 ppb; TO1510B	12/13/24 18:43
14)	10	1213_13.D	ICAL 25	25 ppb; TO1510B	12/13/24 19:17
15)	10	1213_14.D	ICAL 40	40ppb; TO1510B	12/13/24 19:52
16)	11	1213_15.D	ICAL 1	1ppb tune/cc; TO1510	12/13/24 20:23
17)	12	1213_16.D	ICAL 10	10ppb; TO1510B	12/13/24 20:55
18)	13	1213_17.D	ICV_CHEM20_1213	10ppb lcs; TO1510A	12/13/24 21:28
19)	14	1213_18.D	xxxxxxxxxx		12/13/24 21:58
20)	32	1213_19.D	xxxxxxxxxx		12/13/24 22:30
21)	33	1213_20.D	xxxxxxxxxx		12/13/24 23:04
22)	1	1213_21.D	xxxxxxxxxx		12/13/24 23:42
23)	2	1213_22.D	xxxxxxxxxx		12/14/24 0:23
24)	3	1213_23.D	xxxxxxxxxx		12/14/24 0:57
25)	4	1213_24.D	xxxxxxxxxx		12/14/24 1:31
26)	6	1213_25.D	xxxxxxxxxx		12/14/24 2:01
27)	3	1213_26.D	xxxxxxxxxx		12/14/24 8:05
28)	4	1213_27.D	xxxxxxxxxx		12/14/24 8:44
29)	5	1213_28.D	xxxxxxxxxx		12/14/24 9:22
30)	6	1213_29.D	xxxxxxxxxx		12/14/24 10:00
31)	7	1213_30.D	xxxxxxxxxx		12/14/24 10:39
32)	8	1213_31.D	xxxxxxxxxx		12/14/24 11:17
33)	9	1213_32.D	xxxxxxxxxx		12/14/24 11:55
34)	10	1213_33.D	xxxxxxxxxx		12/14/24 12:33
35)	11	1213_34.D	xxxxxxxxxx		12/14/24 13:12
36)	12	1213_35.D	xxxxxxxxxx		12/14/24 13:50
37)	13	1213_36.D	xxxxxxxxxx		12/14/24 14:28
38)	14	1213_37.D	xxxxxxxxxx		12/14/24 15:05
39)	15	1213_38.D	xxxxxxxxxx		12/14/24 15:43
40)	16	1213_39.D	xxxxxxxxxx		12/14/24 16:13
41)	17	1213_40.D	xxxxxxxxxx		12/14/24 16:45
42)	18	1213_41.D	xxxxxxxxxx		12/14/24 17:16

Injection Log

Data Directory: H:\AIR2024\CHEM20\12DEC\23A\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	0	1224_17.D	xxxxxxxxxx		N/A
2)	1	1223_01.D	xxxxxxxxxx		12/23/24 11:40
3)	28	1223_02.D	BFB TUNE - CCAL 1	1ppb ccal; TO1512N	12/23/24 12:11
4)	28	1223_03.D	xxxxxxxxxx		12/23/24 12:43
5)	29	1223_04.D	CS34443 LCS	CS34443 LCS	12/23/24 13:16
6)	1	1223_05.D	CS34443 BLANK	CS34443 BLANK	12/23/24 13:47
7)	2	1223_06.D	xxxxxxxxxx		12/23/24 14:19
8)	3	1223_07.D	xxxxxxxxxx		12/23/24 14:55
9)	4	1223_08.D	xxxxxxxxxx		12/23/24 15:29
10)	5	1223_09.D	CS34443 QC	CS34443 QC	12/23/24 20:48
11)	6	1223_10.D	CS34443 DUP	CS34443 DUP	12/23/24 21:24
12)	7	1223_11.D	xxxxxxxxxx		12/23/24 21:58
13)	8	1223_12.D	xxxxxxxxxx		12/23/24 22:33
14)	9	1223_13.D	xxxxxxxxxx		12/23/24 23:11
15)	10	1223_14.D	xxxxxxxxxx		12/23/24 23:45
16)	11	1223_15.D	xxxxxxxxxx		12/24/24 0:17
17)	12	1223_16.D	xxxxxxxxxx		12/24/24 0:49
18)	13	1223_17.D	xxxxxxxxxx		12/24/24 1:21
19)	14	1223_18.D	xxxxxxxxxx		12/24/24 1:52
20)	15	1223_19.D	xxxxxxxxxx		12/24/24 2:24
21)	16	1223_20.D	xxxxxxxxxx		12/24/24 2:56
22)	17	1223_21.D	xxxxxxxxxx		12/24/24 3:27
23)	18	1223_22.D	xxxxxxxxxx		12/24/24 3:59
24)	19	1223_23.D	SV-1 5X	CS34475 5X	12/24/24 4:31
25)	20	1223_24.D	SV-3 5X	CS34476 5X	12/24/24 5:03
26)	21	1223_25.D	SV-2 5X	CS34477 5X	12/24/24 5:34
27)	22	1223_26.D	xxxxxxxxxx		12/24/24 6:06
28)	23	1223_27.D	xxxxxxxxxx		12/24/24 6:37
29)	24	1223_28.D	xxxxxxxxxx		12/24/24 7:09
30)	25	1223_29.D	xxxxxxxxxx		12/24/24 7:40
31)	26	1223_30.D	xxxxxxxxxx		12/24/24 8:12
32)	27	1223_31.D	xxxxxxxxxx		12/24/24 8:44
33)	22	1223_32.D	xxxxxxxxxx		12/24/24 9:15
34)	23	1223_33.D	xxxxxxxxxx		12/24/24 10:04
35)	24	1224_01.D	CCCAL 1	1ppb ccal; TO1512N	12/24/24 10:35
36)	25	1224_02.D	xxxxxxxxxx		12/24/24 11:07
37)	26	1224_03.D	xxxxxxxxxx		12/24/24 11:40
38)	27	1224_04.D	xxxxxxxxxx		12/24/24 12:11
39)	28	1224_05.D	xxxxxxxxxx		12/24/24 12:43
40)	29	1224_06.D	xxxxxxxxxx		12/24/24 13:58
41)	30	1224_07.D	xxxxxxxxxx		12/24/24 14:31
42)	31	1224_08.D	xxxxxxxxxx		12/24/24 15:02
43)	32	1224_09.D	xxxxxxxxxx		12/24/24 15:33
44)	33	1224_10.D	xxxxxxxxxx		12/24/24 16:04
45)	34	1224_11.D	xxxxxxxxxx		12/24/24 16:36
46)	35	1224_12.D	xxxxxxxxxx		12/24/24 17:07
47)	36	1224_13.D	xxxxxxxxxx		12/24/24 17:38
48)	37	1224_14.D	xxxxxxxxxx		12/24/24 18:10
49)	38	1224_15.D	xxxxxxxxxx		12/24/24 18:41
50)	39	1224_16.D	xxxxxxxxxx		12/24/24 19:13

Injection Log

Data Directory: H:\AIR2024\CHEM24\12DEC\13\

Line	Vl	FileName	SampleName	MiscInfo	Injection Time
1)	1	1213_01.D	xxxxxxxxxx		12/13/24 12:06
2)	2	1213_02.D	xxxxxxxxxx		12/13/24 12:41
3)	3	1213_03.D	xxxxxxxxxx		12/13/24 13:17
4)	4	1213_04.D	xxxxxxxxxx		12/13/24 13:54
5)	6	1213_05.D	xxxxxxxxxx		12/13/24 14:27
6)	7	1213_06.D	xxxxxxxxxx		12/13/24 15:03
7)	8	1213_07.D	xxxxxxxxxx		12/13/24 15:41
8)	9	1213_08.D	xxxxxxxxxx		12/13/24 16:18
9)	10	1213_09.D	xxxxxxxxxx		12/13/24 16:54
10)	11	1213_10.D	xxxxxxxxxx		12/13/24 17:28
11)	12	1213_11.D	xxxxxxxxxx		12/13/24 18:12
12)	13	1213_12.D	xxxxxxxxxx		12/13/24 18:56
13)	14	1213_13.D	xxxxxxxxxx		12/13/24 19:38
14)	15	1213_14.D	xxxxxxxxxx		12/13/24 20:19
15)	16	1213_15.D	xxxxxxxxxx		12/13/24 21:03
16)	15	1213_16.D	xxxxxxxxxx		12/13/24 21:44
17)	16	1213_17.D	xxxxxxxxxx		12/13/24 22:27
18)	17	1213_18.D	xxxxxxxxxx		12/13/24 23:08
19)	18	1213_19.D	xxxxxxxxxx		12/13/24 23:50
20)	19	1213_20.D	xxxxxxxxxx		12/14/24 0:32
21)	20	1213_21.D	xxxxxxxxxx		12/14/24 1:14
22)	21	1213_22.D	xxxxxxxxxx		12/14/24 1:56
23)	22	1213_23.D	xxxxxxxxxx		12/14/24 2:33
24)	23	1213_24.D	xxxxxxxxxx		12/14/24 3:10
25)	24	1213_25.D	xxxxxxxxxx		12/14/24 3:52
26)	24	1213_26.D	xxxxxxxxxx		12/14/24 4:28
27)	22	1213_27.D	xxxxxxxxxx		12/14/24 5:04
28)	23	1213_28.D	xxxxxxxxxx		12/14/24 5:42
29)	24	1213_29.D	xxxxxxxxxx		12/14/24 6:17
30)	25	1213_30.D	xxxxxxxxxx		12/14/24 6:50
31)	26	1213_31.D	CANISTER BLK 3651	CANISTER BLK 3651	12/14/24 7:29
32)	27	1213_32.D	xxxxxxxxxx		12/14/24 8:24
33)	28	1213_33.D	xxxxxxxxxx		12/14/24 9:02
34)	29	1213_34.D	xxxxxxxxxx		12/14/24 9:36
35)	30	1213_35.D	xxxxxxxxxx		12/14/24 10:14

ANALYTICAL REPORT

Lab Number:	L2475113
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Sheng Long
Phone:	(973) 808-9050
Project Name:	PEEKSKILL
Project Number:	13904
Report Date:	01/07/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

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: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2475113-01	SB-14 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	12/19/24 10:15	12/19/24
L2475113-02	SB-13 (1-1.5)	SOIL	418 N DIVISION ST PEEKSKILL, NY	12/19/24 10:35	12/19/24
L2475113-03	SB-1 (3.5-4)	SOIL	418 N DIVISION ST PEEKSKILL, NY	12/19/24 11:10	12/19/24
L2475113-04	SB-2 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	12/19/24 11:30	12/19/24
L2475113-05	TW-1	WATER	418 N DIVISION ST PEEKSKILL, NY	12/19/24 12:10	12/19/24
L2475113-06	TW-2	WATER	418 N DIVISION ST PEEKSKILL, NY	12/19/24 13:10	12/19/24
L2475113-07	SB-3 (5-5.5)	SOIL	418 N DIVISION ST PEEKSKILL, NY	12/19/24 13:30	12/19/24
L2475113-08	SB-11 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	12/19/24 13:50	12/19/24
L2475113-09	SB-4 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	12/19/24 14:10	12/19/24
L2475113-10	SB-12 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	12/19/24 14:40	12/19/24
L2475113-11	SB-10 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	12/19/24 15:00	12/19/24
L2475113-12	SB-9 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	12/19/24 15:30	12/19/24

Project Name:	PEEKSKILL	**Lab Number:**	L2475113
Project Number:	13904	**Report Date:**	01/07/25

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: PEEKSKILL **Lab Number:** L2475113
Project Number: 13904 **Report Date:** 01/07/25

Case Narrative (continued)

Report Submission
January 07, 2025: This final report includes the results of all requested analyses.
December 30, 2024: This is a preliminary report.

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

Sample Receipt
L2475113-05: Sample containers for the PFAS analysis were received, but not listed on the chain of custody. At the client's request, the analysis was not performed.
L2475113-06: The Client ID was specified by the client.

Volatile Organics
L2475113-03: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (47%) and the surrogate recovery for 4-bromofluorobenzene (338%) were outside the acceptance criteria due to obvious interferences. A copy of the chromatogram is included as an attachment to this report. Since the IS response was below method criteria, all associated compounds are considered to have a potentially high bias. A high-level analysis was performed, and those results are also reported.
L2475113-10: The surrogate recovery for 4-bromofluorobenzene (132%) was outside the acceptance criteria; however, re-analysis achieved the following results: 1,4-dichlorobenzene-d4 (34%) and 4-bromofluorobenzene (135%). The results of both analyses are reported; however, since the IS response was below method criteria, all associated compounds and surrogate recoveries are considered to have a potentially high bias.
L2475113-12: The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

Project Name: PEEKSKILL **Lab Number:** L2475113
Project Number: 13904 **Report Date:** 01/07/25

Case Narrative (continued)

Semivolatile Organics

L2475113-07: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

The WG2013481-2 LCS recoveries, associated with L2475113-05, are below the acceptance criteria for benzidine (2%) and pyridine (9%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

The WG2013481-3 LCS recoveries, associated with L2475113-05, are below the acceptance criteria for benzidine (1%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Perfluorinated Alkyl Acids by 1633

L2475113-06: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (269%) and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (268%). Since the sample was non-detect to the RL for all associated target analytes, re-analysis was not required.

WG2016140-2R and WG2016526-3R: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.

The WG2016526-2 LCS recovery, associated with L2475113-07, is above the acceptance criteria for 3-perfluoropropyl propanoic acid (3:3ftca) (132%); however, the associated samples are non-detect to the reporting limit for this target analyte. The results of the original analysis are reported.

The WG2016526-3R LCS recovery, associated with L2475113-07, is above the acceptance criteria for 3-perfluoropropyl propanoic acid (3:3ftca) (149%); however, the associated samples are non-detect to the reporting limit for this target analyte. The results of the original analysis are reported.

PCBs

L2475113-11: The internal standard (IS) response for 1-bromo-2-nitrobenzene (267%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences.

Project Name: PEEKSKILL **Lab Number:** L2475113
Project Number: 13904 **Report Date:** 01/07/25

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.

Pesticides

L2475113-03: The surrogate recovery is outside the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (154%); however, the sample was not re-extracted due to coelution with obvious interferences.

L2475113-03: The internal standard (IS) response for 1-bromo-2-nitrobenzene (6046%) was above the acceptance criteria on column A; 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 (16%) and decachlorobiphenyl (1%) due to interference with the Internal Standard.

L2475113-05: The surrogate recoveries were outside the acceptance criteria for 2,4,5,6-Tetrachloro-m-xylene (14%,14%), decachlorobiphenyl (10%, 11%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported; however, all associated compounds are considered to have a potential bias.

L2475113-11: The internal standard (IS) response for 1-bromo-2-nitrobenzene (312%) was above the acceptance criteria on column A; 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 (19%) and decachlorobiphenyl (13%) due to interference with the Internal Standard.

Total Metals

L2475113-01 through -04 and -07 through -12: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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: 01/07/25

ORGANICS

VOLATILES

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-01 Date Collected: 12/19/24 10:15
Client ID: SB-14 (0.5-1) Date Received: 12/19/24
Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/26/24 15:35
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.59	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.43	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	ND		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.46	1
Ethylbenzene	ND		ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-01 Date Collected: 12/19/24 10:15

Client ID: SB-14 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.86	0.25	1
Xylenes, Total	ND		ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.86	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.78	1
Acetone	ND		ug/kg	8.6	4.1	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	ND		ug/kg	8.6	1.9	1
Vinyl acetate	ND		ug/kg	8.6	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.43	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.86	0.14	1
sec-Butylbenzene	ND		ug/kg	0.86	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.85	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.86	0.09	1
Naphthalene	ND		ug/kg	3.4	0.56	1
Acrylonitrile	ND		ug/kg	3.4	0.98	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-01 Date Collected: 12/19/24 10:15

Client ID: SB-14 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.86	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.28	1
1,4-Dioxane	ND		ug/kg	68	30.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.3	1.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-02 Date Collected: 12/19/24 10:35
Client ID: SB-13 (1-1.5) Date Received: 12/19/24
Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/26/24 16:00
Analyst: LAC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.4	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.21	1
Chloroform	4.9		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.18	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.39	1
Tetrachloroethene	0.91		ug/kg	0.74	0.29	1
Chlorobenzene	ND		ug/kg	0.74	0.19	1
Trichlorofluoromethane	ND		ug/kg	5.9	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	5.0		ug/kg	0.74	0.25	1
Bromodichloromethane	ND		ug/kg	0.74	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.74	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.74	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.74	0.23	1
Bromoform	ND		ug/kg	5.9	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.74	0.24	1
Benzene	0.34	J	ug/kg	0.74	0.24	1
Toluene	ND		ug/kg	1.5	0.80	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	5.9	1.4	1
Bromomethane	ND		ug/kg	2.9	0.86	1
Vinyl chloride	ND		ug/kg	1.5	0.49	1
Chloroethane	ND		ug/kg	2.9	0.67	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-02 Date Collected: 12/19/24 10:35

Client ID: SB-13 (1-1.5) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	3.3		ug/kg	0.74	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.30	1
p/m-Xylene	ND		ug/kg	2.9	0.82	1
o-Xylene	ND		ug/kg	1.5	0.43	1
Xylenes, Total	ND		ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.35	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.3	1
Acetone	ND		ug/kg	15	7.1	1
Carbon disulfide	ND		ug/kg	15	6.7	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.19	1
2-Hexanone	ND		ug/kg	15	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.41	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.74	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.5	1
Hexachlorobutadiene	ND		ug/kg	5.9	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	5.9	0.96	1
Acrylonitrile	ND		ug/kg	5.9	1.7	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-02 Date Collected: 12/19/24 10:35

Client ID: SB-13 (1-1.5) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.5	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.49	1
1,4-Dioxane	ND		ug/kg	120	52.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.57	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.50	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.4	2.1	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	100		70-130

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-03 Date Collected: 12/19/24 11:10
Client ID: SB-1 (3.5-4) Date Received: 12/19/24
Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/26/24 18:56
Analyst: LAC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	520	240	1
1,1-Dichloroethane	ND		ug/kg	100	15.	1
Chloroform	19	J	ug/kg	160	15.	1
Carbon tetrachloride	ND		ug/kg	100	24.	1
1,2-Dichloropropane	ND		ug/kg	100	13.	1
Dibromochloromethane	ND		ug/kg	100	15.	1
1,1,2-Trichloroethane	ND		ug/kg	100	28.	1
Tetrachloroethene	ND		ug/kg	52	20.	1
Chlorobenzene	ND		ug/kg	52	13.	1
Trichlorofluoromethane	ND		ug/kg	420	73.	1
1,2-Dichloroethane	ND		ug/kg	100	27.	1
1,1,1-Trichloroethane	ND		ug/kg	52	17.	1
Bromodichloromethane	ND		ug/kg	52	11.	1
trans-1,3-Dichloropropene	ND		ug/kg	100	28.	1
cis-1,3-Dichloropropene	ND		ug/kg	52	16.	1
1,3-Dichloropropene, Total	ND		ug/kg	52	16.	1
1,1-Dichloropropene	ND		ug/kg	52	17.	1
Bromoform	ND		ug/kg	420	26.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	52	17.	1
Benzene	ND		ug/kg	52	17.	1
Toluene	ND		ug/kg	100	57.	1
Ethylbenzene	35	J	ug/kg	100	15.	1
Chloromethane	ND		ug/kg	420	98.	1
Bromomethane	ND		ug/kg	210	61.	1
Vinyl chloride	ND		ug/kg	100	35.	1
Chloroethane	ND		ug/kg	210	47.	1
1,1-Dichloroethene	ND		ug/kg	100	25.	1
trans-1,2-Dichloroethene	ND		ug/kg	160	14.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-03 Date Collected: 12/19/24 11:10

Client ID: SB-1 (3.5-4) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	52	14.	1
1,2-Dichlorobenzene	ND		ug/kg	210	15.	1
1,3-Dichlorobenzene	ND		ug/kg	210	15.	1
1,4-Dichlorobenzene	38	J	ug/kg	210	18.	1
Methyl tert butyl ether	ND		ug/kg	210	21.	1
p/m-Xylene	73	J	ug/kg	210	58.	1
o-Xylene	ND		ug/kg	100	30.	1
Xylenes, Total	73	J	ug/kg	100	30.	1
cis-1,2-Dichloroethene	ND		ug/kg	100	18.	1
1,2-Dichloroethene, Total	ND		ug/kg	100	14.	1
Dibromomethane	ND		ug/kg	210	25.	1
Styrene	ND		ug/kg	100	20.	1
Dichlorodifluoromethane	ND		ug/kg	1000	96.	1
Acetone	ND		ug/kg	1000	500	1
Carbon disulfide	ND		ug/kg	1000	480	1
2-Butanone	ND		ug/kg	1000	230	1
Vinyl acetate	ND		ug/kg	1000	220	1
4-Methyl-2-pentanone	ND		ug/kg	1000	130	1
1,2,3-Trichloropropane	ND		ug/kg	210	13.	1
2-Hexanone	ND		ug/kg	1000	120	1
Bromochloromethane	ND		ug/kg	210	21.	1
2,2-Dichloropropane	ND		ug/kg	210	21.	1
1,2-Dibromoethane	ND		ug/kg	100	29.	1
1,3-Dichloropropane	ND		ug/kg	210	17.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	52	14.	1
Bromobenzene	ND		ug/kg	210	15.	1
n-Butylbenzene	30	J	ug/kg	100	17.	1
sec-Butylbenzene	27	J	ug/kg	100	15.	1
tert-Butylbenzene	ND		ug/kg	210	12.	1
o-Chlorotoluene	ND		ug/kg	210	20.	1
p-Chlorotoluene	ND		ug/kg	210	11.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	310	100	1
Hexachlorobutadiene	ND		ug/kg	420	18.	1
Isopropylbenzene	ND		ug/kg	100	11.	1
p-Isopropyltoluene	580		ug/kg	100	11.	1
Naphthalene	240	J	ug/kg	420	68.	1
Acrylonitrile	ND		ug/kg	420	120	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-03 Date Collected: 12/19/24 11:10

Client ID: SB-1 (3.5-4) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	100	18.	1
1,2,3-Trichlorobenzene	ND		ug/kg	210	34.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	28.	1
1,3,5-Trimethylbenzene	29	J	ug/kg	210	20.	1
1,2,4-Trimethylbenzene	100	J	ug/kg	210	35.	1
1,4-Dioxane	ND		ug/kg	8400	3700	1
p-Diethylbenzene	140	J	ug/kg	210	18.	1
p-Ethyltoluene	61	J	ug/kg	210	40.	1
1,2,4,5-Tetramethylbenzene	140	J	ug/kg	210	20.	1
Ethyl ether	ND		ug/kg	210	36.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	520	150	1
Tentatively Identified Compounds						
Total TIC Compounds	30200	J	ug/kg			1
Benzene, 1,3-diethyl-5-methyl-	2370	NJ	ug/kg			1
Unknown	2880	J	ug/kg			1
Unknown	2110	J	ug/kg			1
Unknown	3930	J	ug/kg			1
Unknown Naphthalene	4780	J	ug/kg			1
Unknown Aromatic	2140	J	ug/kg			1
Unknown	3200	J	ug/kg			1
Unknown	2600	J	ug/kg			1
Unknown	3720	J	ug/kg			1
Unknown	2430	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	97		70-130

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-03
Client ID: SB-1 (3.5-4)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 11:10
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/27/24 00:20
Analyst: LAC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	0.76	J	ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.91	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	0.29	J	ug/kg	0.66	0.22	1
Toluene	1.4		ug/kg	1.3	0.71	1
Ethylbenzene	0.96	J	ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.6	0.76	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-03 Date Collected: 12/19/24 11:10

Client ID: SB-1 (3.5-4) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	0.31	J	ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	1.9	J	ug/kg	2.6	0.74	1
o-Xylene	4.5		ug/kg	1.3	0.38	1
Xylenes, Total	6.4	J	ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	37		ug/kg	13	6.3	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	11	J	ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	4.3		ug/kg	1.3	0.19	1
tert-Butylbenzene	1.9	J	ug/kg	2.6	0.16	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.22	1
Isopropylbenzene	1.5		ug/kg	1.3	0.14	1
p-Isopropyltoluene	77		ug/kg	1.3	0.14	1
Naphthalene	2.8	J	ug/kg	5.3	0.86	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-03 Date Collected: 12/19/24 11:10

Client ID: SB-1 (3.5-4) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	5.3		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	15		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	4.5		ug/kg	2.6	0.23	1
p-Ethyltoluene	3.4		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	14		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1
Tentatively Identified Compounds						
Total TIC Compounds	1310	J	ug/kg			1
trans-Decalin, 2-methyl-	207	NJ	ug/kg			1
Unknown	104	J	ug/kg			1
Unknown	94.2	J	ug/kg			1
Unknown Cyclohexane	86.1	J	ug/kg			1
Unknown Alkane	67.5	J	ug/kg			1
Unknown Alkane	88.9	J	ug/kg			1
Decane, 4-methyl-	326	NJ	ug/kg			1
Unknown	78.4	J	ug/kg			1
Unknown	168	J	ug/kg			1
Unknown	90.0	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	**338**	Q	70-130
Dibromofluoromethane	111		70-130

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-04 Date Collected: 12/19/24 11:30
Client ID: SB-2 (0.5-1) Date Received: 12/19/24
Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/26/24 16:25
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.5	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	1.3		ug/kg	0.65	0.25	1
Chlorobenzene	ND		ug/kg	0.65	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.90	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.65	0.22	1
Bromodichloromethane	ND		ug/kg	0.65	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.65	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.65	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.65	0.20	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.65	0.21	1
Benzene	ND		ug/kg	0.65	0.21	1
Toluene	ND		ug/kg	1.3	0.70	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.75	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.18	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-04 Date Collected: 12/19/24 11:30

Client ID: SB-2 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.85		ug/kg	0.65	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.65	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.84	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-04 Date Collected: 12/19/24 11:30

Client ID: SB-2 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	1.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	102		70-130

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-05 Date Collected: 12/19/24 12:10
Client ID: TW-1 Date Received: 12/19/24
Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/26/24 15:18
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-05 Date Collected: 12/19/24 12:10

Client ID: TW-1 Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.6		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	2.9	J	ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	1.3	J	ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-05 Date Collected: 12/19/24 12:10

Client ID: TW-1 Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	300	J	ug/l			1
Unknown	34.6	J	ug/l			1
Unknown	7.20	J	ug/l			1
Unknown	31.7	J	ug/l			1
Unknown	3.78	J	ug/l			1
Unknown	38.4	J	ug/l			1
Unknown	76.0	J	ug/l			1
Unknown	17.6	J	ug/l			1
Unknown	42.4	J	ug/l			1
Unknown	7.23	J	ug/l			1
Unknown	41.0	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-07
Client ID: SB-3 (5-5.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/19/24 13:30
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/26/24 16:50
Analyst: LAC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-07 Date Collected: 12/19/24 13:30

Client ID: SB-3 (5-5.5) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.2	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.7	0.61	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-07 Date Collected: 12/19/24 13:30

Client ID: SB-3 (5-5.5) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.16	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1
Tentatively Identified Compounds						
Total TIC Compounds	125	J	ug/kg			1
Unknown	9.51	J	ug/kg			1
Unknown	18.5	J	ug/kg			1
Undecane, 2,6-dimethyl-	7.78	NJ	ug/kg			1
Unknown Cyclohexane	22.7	J	ug/kg			1
Unknown	12.1	J	ug/kg			1
Unknown	15.3	J	ug/kg			1
Unknown	9.79	J	ug/kg			1
Unknown Alkane	12.3	J	ug/kg			1
Unknown	8.13	J	ug/kg			1
Unknown	8.47	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-08
Client ID: SB-11 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 13:50
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/26/24 17:15
Analyst: LAC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	11		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.16	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-08 Date Collected: 12/19/24 13:50

Client ID: SB-11 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	ND		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.1	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-08 Date Collected: 12/19/24 13:50

Client ID: SB-11 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	74	33.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-09
Client ID: SB-4 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/19/24 14:10
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/26/24 17:40
Analyst: LAC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.97	0.52	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-09 Date Collected: 12/19/24 14:10

Client ID: SB-4 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
Xylenes, Total	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.88	1
Acetone	4.6	J	ug/kg	9.7	4.6	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.1	1
Vinyl acetate	ND		ug/kg	9.7	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.97	0.16	1
sec-Butylbenzene	ND		ug/kg	0.97	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.97	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.10	1
Naphthalene	ND		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-09 Date Collected: 12/19/24 14:10

Client ID: SB-4 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.97	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	77	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Tentatively Identified Compounds						
Total TIC Compounds	99.6	J	ug/kg			1
Unknown	14.2	J	ug/kg			1
Unknown	9.51	J	ug/kg			1
Unknown	10.2	J	ug/kg			1
trans-Decalin, 2-methyl-	10.4	NJ	ug/kg			1
Unknown	6.50	J	ug/kg			1
Unknown	11.3	J	ug/kg			1
Unknown Cyclohexane	8.96	J	ug/kg			1
Hexylidencyclohexane	6.26	NJ	ug/kg			1
Unknown	12.3	J	ug/kg			1
Unknown	9.96	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-10 Date Collected: 12/19/24 14:40
Client ID: SB-12 (0.5-1) Date Received: 12/19/24
Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/26/24 18:06
Analyst: LAC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	0.19	J	ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	11		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-10 Date Collected: 12/19/24 14:40

Client ID: SB-12 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-10 Date Collected: 12/19/24 14:40

Client ID: SB-12 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	**132**	Q	70-130
Dibromofluoromethane	100		70-130

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-10 R
Client ID: SB-12 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 14:40
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/26/24 21:15
Analyst: LAC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.2	4.2	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.27	1
Chloroform	ND		ug/kg	2.8	0.26	1
Carbon tetrachloride	ND		ug/kg	1.8	0.42	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.23	1
Dibromochloromethane	ND		ug/kg	1.8	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.49	1
Tetrachloroethene	11		ug/kg	0.92	0.36	1
Chlorobenzene	ND		ug/kg	0.92	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.4	1.3	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.47	1
1,1,1-Trichloroethane	ND		ug/kg	0.92	0.31	1
Bromodichloromethane	ND		ug/kg	0.92	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.50	1
cis-1,3-Dichloropropene	ND		ug/kg	0.92	0.29	1
1,3-Dichloropropene, Total	ND		ug/kg	0.92	0.29	1
1,1-Dichloropropene	ND		ug/kg	0.92	0.29	1
Bromoform	ND		ug/kg	7.4	0.45	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.92	0.31	1
Benzene	0.33	J	ug/kg	0.92	0.31	1
Toluene	ND		ug/kg	1.8	1.0	1
Ethylbenzene	ND		ug/kg	1.8	0.26	1
Chloromethane	ND		ug/kg	7.4	1.7	1
Bromomethane	ND		ug/kg	3.7	1.1	1
Vinyl chloride	ND		ug/kg	1.8	0.62	1
Chloroethane	ND		ug/kg	3.7	0.83	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.44	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	0.25	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-10 R Date Collected: 12/19/24 14:40

Client ID: SB-12 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.92	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	3.7	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	3.7	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	3.7	0.32	1
Methyl tert butyl ether	ND		ug/kg	3.7	0.37	1
p/m-Xylene	ND		ug/kg	3.7	1.0	1
o-Xylene	ND		ug/kg	1.8	0.54	1
Xylenes, Total	ND		ug/kg	1.8	0.54	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.32	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.25	1
Dibromomethane	ND		ug/kg	3.7	0.44	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	18	1.7	1
Acetone	ND		ug/kg	18	8.9	1
Carbon disulfide	ND		ug/kg	18	8.4	1
2-Butanone	ND		ug/kg	18	4.1	1
Vinyl acetate	ND		ug/kg	18	4.0	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.4	1
1,2,3-Trichloropropane	ND		ug/kg	3.7	0.23	1
2-Hexanone	ND		ug/kg	18	2.2	1
Bromochloromethane	ND		ug/kg	3.7	0.38	1
2,2-Dichloropropane	ND		ug/kg	3.7	0.37	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.51	1
1,3-Dichloropropane	ND		ug/kg	3.7	0.31	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.92	0.24	1
Bromobenzene	ND		ug/kg	3.7	0.27	1
n-Butylbenzene	ND		ug/kg	1.8	0.31	1
sec-Butylbenzene	ND		ug/kg	1.8	0.27	1
tert-Butylbenzene	ND		ug/kg	3.7	0.22	1
o-Chlorotoluene	ND		ug/kg	3.7	0.35	1
p-Chlorotoluene	ND		ug/kg	3.7	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	1.8	1
Hexachlorobutadiene	ND		ug/kg	7.4	0.31	1
Isopropylbenzene	ND		ug/kg	1.8	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.20	1
Naphthalene	ND		ug/kg	7.4	1.2	1
Acrylonitrile	ND		ug/kg	7.4	2.1	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-10 R Date Collected: 12/19/24 14:40

Client ID: SB-12 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.8	0.32	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.7	0.59	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.7	0.50	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.7	0.36	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.7	0.62	1
1,4-Dioxane	ND		ug/kg	150	65.	1
p-Diethylbenzene	ND		ug/kg	3.7	0.33	1
p-Ethyltoluene	ND		ug/kg	3.7	0.71	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.7	0.35	1
Ethyl ether	ND		ug/kg	3.7	0.63	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.2	2.6	1
Tentatively Identified Compounds						
Total TIC Compounds	39.6	J	ug/kg			1
Unknown Alkane	5.88	J	ug/kg			1
Unknown	4.55	J	ug/kg			1
Unknown Alkane	7.61	J	ug/kg			1
Unknown Naphthalene	4.83	J	ug/kg			1
Unknown Alkane	4.63	J	ug/kg			1
Unknown Naphthalene	6.32	J	ug/kg			1
Pentadecane	5.81	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	119		70-130
4-Bromofluorobenzene	**135**	Q	70-130
Dibromofluoromethane	109		70-130

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-11 Date Collected: 12/19/24 15:00
Client ID: SB-10 (0.5-1) Date Received: 12/19/24
Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/26/24 18:31
Analyst: LAC
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	4.0		ug/kg	1.8	0.17	1
Carbon tetrachloride	1.3		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	16		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	0.70		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	0.98	J	ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-11 Date Collected: 12/19/24 15:00

Client ID: SB-10 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.79	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-11 Date Collected: 12/19/24 15:00

Client ID: SB-10 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	97	43.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	102		70-130

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-12 Date Collected: 12/19/24 15:30
Client ID: SB-9 (0.5-1) Date Received: 12/19/24
Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/26/24 19:21
Analyst: LAC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	380	170	1
1,1-Dichloroethane	ND		ug/kg	76	11.	1
Chloroform	880		ug/kg	110	11.	1
Carbon tetrachloride	ND		ug/kg	76	18.	1
1,2-Dichloropropane	ND		ug/kg	76	9.5	1
Dibromochloromethane	ND		ug/kg	76	11.	1
1,1,2-Trichloroethane	ND		ug/kg	76	20.	1
Tetrachloroethene	780		ug/kg	38	15.	1
Chlorobenzene	ND		ug/kg	38	9.7	1
Trichlorofluoromethane	ND		ug/kg	300	53.	1
1,2-Dichloroethane	ND		ug/kg	76	20.	1
1,1,1-Trichloroethane	ND		ug/kg	38	13.	1
Bromodichloromethane	ND		ug/kg	38	8.3	1
trans-1,3-Dichloropropene	ND		ug/kg	76	21.	1
cis-1,3-Dichloropropene	ND		ug/kg	38	12.	1
1,3-Dichloropropene, Total	ND		ug/kg	38	12.	1
1,1-Dichloropropene	ND		ug/kg	38	12.	1
Bromoform	ND		ug/kg	300	19.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	38	13.	1
Benzene	990		ug/kg	38	13.	1
Toluene	2500		ug/kg	76	41.	1
Ethylbenzene	150		ug/kg	76	11.	1
Chloromethane	ND		ug/kg	300	71.	1
Bromomethane	ND		ug/kg	150	44.	1
Vinyl chloride	ND		ug/kg	76	26.	1
Chloroethane	ND		ug/kg	150	34.	1
1,1-Dichloroethene	ND		ug/kg	76	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	10.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-12 Date Collected: 12/19/24 15:30

Client ID: SB-9 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	38	10.	1
1,2-Dichlorobenzene	ND		ug/kg	150	11.	1
1,3-Dichlorobenzene	ND		ug/kg	150	11.	1
1,4-Dichlorobenzene	ND		ug/kg	150	13.	1
Methyl tert butyl ether	ND		ug/kg	150	15.	1
p/m-Xylene	1600		ug/kg	150	43.	1
o-Xylene	790		ug/kg	76	22.	1
Xylenes, Total	2400		ug/kg	76	22.	1
cis-1,2-Dichloroethene	ND		ug/kg	76	13.	1
1,2-Dichloroethene, Total	ND		ug/kg	76	10.	1
Dibromomethane	ND		ug/kg	150	18.	1
Styrene	ND		ug/kg	76	15.	1
Dichlorodifluoromethane	ND		ug/kg	760	70.	1
Acetone	430	J	ug/kg	760	370	1
Carbon disulfide	ND		ug/kg	760	350	1
2-Butanone	ND		ug/kg	760	170	1
Vinyl acetate	ND		ug/kg	760	160	1
4-Methyl-2-pentanone	ND		ug/kg	760	98.	1
1,2,3-Trichloropropane	ND		ug/kg	150	9.7	1
2-Hexanone	ND		ug/kg	760	90.	1
Bromochloromethane	ND		ug/kg	150	16.	1
2,2-Dichloropropane	ND		ug/kg	150	15.	1
1,2-Dibromoethane	ND		ug/kg	76	21.	1
1,3-Dichloropropane	ND		ug/kg	150	13.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	38	10.	1
Bromobenzene	ND		ug/kg	150	11.	1
n-Butylbenzene	35	J	ug/kg	76	13.	1
sec-Butylbenzene	30	J	ug/kg	76	11.	1
tert-Butylbenzene	ND		ug/kg	150	9.0	1
o-Chlorotoluene	ND		ug/kg	150	14.	1
p-Chlorotoluene	ND		ug/kg	150	8.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	230	76.	1
Hexachlorobutadiene	ND		ug/kg	300	13.	1
Isopropylbenzene	47	J	ug/kg	76	8.3	1
p-Isopropyltoluene	26	J	ug/kg	76	8.3	1
Naphthalene	720		ug/kg	300	50.	1
Acrylonitrile	ND		ug/kg	300	88.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-12 Date Collected: 12/19/24 15:30

Client ID: SB-9 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	74	J	ug/kg	76	13.	1
1,2,3-Trichlorobenzene	ND		ug/kg	150	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	21.	1
1,3,5-Trimethylbenzene	140	J	ug/kg	150	15.	1
1,2,4-Trimethylbenzene	520		ug/kg	150	25.	1
1,4-Dioxane	ND		ug/kg	6100	2700	1
p-Diethylbenzene	70	J	ug/kg	150	14.	1
p-Ethyltoluene	190		ug/kg	150	29.	1
1,2,4,5-Tetramethylbenzene	41	J	ug/kg	150	14.	1
Ethyl ether	ND		ug/kg	150	26.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	380	110	1
Tentatively Identified Compounds						
Total TIC Compounds	6380	J	ug/kg			1
n-Hexane	314	NJ	ug/kg			1
Heptane, 2-methyl-	307	NJ	ug/kg			1
Unknown Alkane	416	J	ug/kg			1
Unknown	352	J	ug/kg			1
Pentane, 3-methyl-	286	NJ	ug/kg			1
Cyclohexane, methyl-	2300	NJ	ug/kg			1
Unknown	466	J	ug/kg			1
Cyclohexane	789	NJ	ug/kg			1
Cyclopentane, Methyl-	448	NJ	ug/kg			1
Pentane, 2-methyl-	699	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-12
Client ID: SB-9 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/19/24 15:30
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/26/24 23:28
Analyst: LAC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	10		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	3.4		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	0.37	J	ug/kg	0.53	0.18	1
Toluene	1.0		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-12 Date Collected: 12/19/24 15:30

Client ID: SB-9 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	0.78	J	ug/kg	2.1	0.59	1
o-Xylene	0.44	J	ug/kg	1.0	0.31	1
Xylenes, Total	1.2	J	ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.1	1
Carbon disulfide	14		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-12 Date Collected: 12/19/24 15:30

Client ID: SB-9 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1
Tentatively Identified Compounds						
Total TIC Compounds	15.0	J	ug/kg			1
Unknown	4.21	J	ug/kg			1
Unknown	2.60	J	ug/kg			1
Cyclohexane, methyl-	4.59	NJ	ug/kg			1
Unknown	3.63	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	109		70-130

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 10:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03,12 Batch: WG2013852-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 10:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03,12 Batch: WG2013852-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 10:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03,12 Batch: WG2013852-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Tentatively Identified Compounds

Total TIC Compounds	305	J	ug/kg
Unknown	123	J	ug/kg
Unknown	182	J	ug/kg

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 10:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03,12 Batch: WG2013852-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 10:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04,07-11 Batch: WG2013853-5					
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	ND		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: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 10:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04,07-11 Batch: WG2013853-5					
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: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 10:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04,07-11 Batch: WG2013853-5					
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	6.10	J	ug/kg
Unknown	3.64	J	ug/kg
Unknown	2.46	J	ug/kg

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 10:22
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04,07-11 Batch: WG2013853-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 08:22
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2014093-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 08:22
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2014093-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 08:22
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2014093-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 08:22
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2014093-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	100		70-130

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 23:02
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,12 Batch: WG2014139-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.15	J	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	ND		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: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 23:02
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,12 Batch: WG2014139-5					
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: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 23:02
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,12 Batch: WG2014139-5					
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					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 23:02
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,12 Batch: WG2014139-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	104		70-130

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 19:52
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10 Batch: WG2014144-5					
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	ND		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: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 19:52
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10 Batch: WG2014144-5					
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: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 19:52
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10 Batch: WG2014144-5					
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	2.22	J	ug/kg
Unknown	2.22	J	ug/kg

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/26/24 19:52
Analyst: TMH

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 10 Batch: WG2014144-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03,12 Batch: WG2013852-3 WG2013852-4								
Methylene chloride	94		90		70-130	4		30
1,1-Dichloroethane	100		95		70-130	5		30
Chloroform	96		93		70-130	3		30
Carbon tetrachloride	93		92		70-130	1		30
1,2-Dichloropropane	100		97		70-130	3		30
Dibromochloromethane	102		103		70-130	1		30
1,1,2-Trichloroethane	103		102		70-130	1		30
Tetrachloroethene	108		107		70-130	1		30
Chlorobenzene	98		96		70-130	2		30
Trichlorofluoromethane	92		90		70-139	2		30
1,2-Dichloroethane	94		92		70-130	2		30
1,1,1-Trichloroethane	97		94		70-130	3		30
Bromodichloromethane	95		92		70-130	3		30
trans-1,3-Dichloropropene	107		105		70-130	2		30
cis-1,3-Dichloropropene	99		96		70-130	3		30
1,1-Dichloropropene	98		94		70-130	4		30
Bromoform	108		106		70-130	2		30
1,1,2,2-Tetrachloroethane	102		92		70-130	10		30
Benzene	95		91		70-130	4		30
Toluene	101		98		70-130	3		30
Ethylbenzene	99		97		70-130	2		30
Chloromethane	105		96		52-130	9		30
Bromomethane	86		81		57-147	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03,12 Batch: WG2013852-3 WG2013852-4								
Vinyl chloride	87		80		67-130	8		30
Chloroethane	94		91		50-151	3		30
1,1-Dichloroethene	93		90		65-135	3		30
trans-1,2-Dichloroethene	95		90		70-130	5		30
Trichloroethene	94		97		70-130	3		30
1,2-Dichlorobenzene	102		99		70-130	3		30
1,3-Dichlorobenzene	103		98		70-130	5		30
1,4-Dichlorobenzene	103		98		70-130	5		30
Methyl tert butyl ether	88		85		66-130	3		30
p/m-Xylene	99		96		70-130	3		30
o-Xylene	98		96		70-130	2		30
cis-1,2-Dichloroethene	93		90		70-130	3		30
Dibromomethane	90		89		70-130	1		30
Styrene	97		95		70-130	2		30
Dichlorodifluoromethane	63		60		30-146	5		30
Acetone	130		124		54-140	5		30
Carbon disulfide	85		82		59-130	4		30
2-Butanone	94		88		70-130	7		30
Vinyl acetate	90		73		70-130	21		30
4-Methyl-2-pentanone	105		101		70-130	4		30
1,2,3-Trichloropropane	98		95		68-130	3		30
2-Hexanone	102		102		70-130	0		30
Bromochloromethane	95		94		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03,12 Batch: WG2013852-3 WG2013852-4								
2,2-Dichloropropane	97		93		70-130	4		30
1,2-Dibromoethane	104		104		70-130	0		30
1,3-Dichloropropane	104		102		69-130	2		30
1,1,1,2-Tetrachloroethane	104		103		70-130	1		30
Bromobenzene	108		103		70-130	5		30
n-Butylbenzene	100		94		70-130	6		30
sec-Butylbenzene	101		94		70-130	7		30
tert-Butylbenzene	100		94		70-130	6		30
o-Chlorotoluene	103		97		70-130	6		30
p-Chlorotoluene	104		97		70-130	7		30
1,2-Dibromo-3-chloropropane	98		96		68-130	2		30
Hexachlorobutadiene	**132**	Q	125		67-130	5		30
Isopropylbenzene	102		96		70-130	6		30
p-Isopropyltoluene	102		96		70-130	6		30
Naphthalene	97		93		70-130	4		30
Acrylonitrile	101		100		70-130	1		30
n-Propylbenzene	102		96		70-130	6		30
1,2,3-Trichlorobenzene	118		116		70-130	2		30
1,2,4-Trichlorobenzene	120		113		70-130	6		30
1,3,5-Trimethylbenzene	102		97		70-130	5		30
1,2,4-Trimethylbenzene	102		97		70-130	5		30
1,4-Dioxane	85		83		65-136	2		30
p-Diethylbenzene	102		96		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03,12 Batch: WG2013852-3 WG2013852-4								
p-Ethyltoluene	104		97		70-130	7		30
1,2,4,5-Tetramethylbenzene	102		97		70-130	5		30
Ethyl ether	87		85		67-130	2		30
trans-1,4-Dichloro-2-butene	100		93		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		105		70-130
Toluene-d8	108		109		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	97		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04,07-11 Batch: WG2013853-3 WG2013853-4

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Methylene chloride	94		90		70-130	4		30
1,1-Dichloroethane	100		95		70-130	5		30
Chloroform	96		93		70-130	3		30
Carbon tetrachloride	93		92		70-130	1		30
1,2-Dichloropropane	100		97		70-130	3		30
Dibromochloromethane	102		103		70-130	1		30
1,1,2-Trichloroethane	103		102		70-130	1		30
Tetrachloroethene	108		107		70-130	1		30
Chlorobenzene	98		96		70-130	2		30
Trichlorofluoromethane	92		90		70-139	2		30
1,2-Dichloroethane	94		92		70-130	2		30
1,1,1-Trichloroethane	97		94		70-130	3		30
Bromodichloromethane	95		92		70-130	3		30
trans-1,3-Dichloropropene	107		105		70-130	2		30
cis-1,3-Dichloropropene	99		96		70-130	3		30
1,1-Dichloropropene	98		94		70-130	4		30
Bromoform	108		106		70-130	2		30
1,1,2,2-Tetrachloroethane	102		92		70-130	10		30
Benzene	95		91		70-130	4		30
Toluene	101		98		70-130	3		30
Ethylbenzene	99		97		70-130	2		30
Chloromethane	105		96		52-130	9		30
Bromomethane	86		81		57-147	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04,07-11 Batch: WG2013853-3 WG2013853-4								
Vinyl chloride	87		80		67-130	8		30
Chloroethane	94		91		50-151	3		30
1,1-Dichloroethene	93		90		65-135	3		30
trans-1,2-Dichloroethene	95		90		70-130	5		30
Trichloroethene	94		97		70-130	3		30
1,2-Dichlorobenzene	102		99		70-130	3		30
1,3-Dichlorobenzene	103		98		70-130	5		30
1,4-Dichlorobenzene	103		98		70-130	5		30
Methyl tert butyl ether	88		85		66-130	3		30
p/m-Xylene	99		96		70-130	3		30
o-Xylene	98		96		70-130	2		30
cis-1,2-Dichloroethene	93		90		70-130	3		30
Dibromomethane	90		89		70-130	1		30
Styrene	97		95		70-130	2		30
Dichlorodifluoromethane	63		60		30-146	5		30
Acetone	130		124		54-140	5		30
Carbon disulfide	85		82		59-130	4		30
2-Butanone	94		88		70-130	7		30
Vinyl acetate	90		73		70-130	21		30
4-Methyl-2-pentanone	105		101		70-130	4		30
1,2,3-Trichloropropane	98		95		68-130	3		30
2-Hexanone	102		102		70-130	0		30
Bromochloromethane	95		94		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04,07-11 Batch: WG2013853-3 WG2013853-4								
2,2-Dichloropropane	97		93		70-130	4		30
1,2-Dibromoethane	104		104		70-130	0		30
1,3-Dichloropropane	104		102		69-130	2		30
1,1,1,2-Tetrachloroethane	104		103		70-130	1		30
Bromobenzene	108		103		70-130	5		30
n-Butylbenzene	100		94		70-130	6		30
sec-Butylbenzene	101		94		70-130	7		30
tert-Butylbenzene	100		94		70-130	6		30
o-Chlorotoluene	103		97		70-130	6		30
p-Chlorotoluene	104		97		70-130	7		30
1,2-Dibromo-3-chloropropane	98		96		68-130	2		30
Hexachlorobutadiene	**132**	Q	125		67-130	5		30
Isopropylbenzene	102		96		70-130	6		30
p-Isopropyltoluene	102		96		70-130	6		30
Naphthalene	97		93		70-130	4		30
Acrylonitrile	101		100		70-130	1		30
n-Propylbenzene	102		96		70-130	6		30
1,2,3-Trichlorobenzene	118		116		70-130	2		30
1,2,4-Trichlorobenzene	120		113		70-130	6		30
1,3,5-Trimethylbenzene	102		97		70-130	5		30
1,2,4-Trimethylbenzene	102		97		70-130	5		30
1,4-Dioxane	85		83		65-136	2		30
p-Diethylbenzene	102		96		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04,07-11 Batch: WG2013853-3 WG2013853-4								
p-Ethyltoluene	104		97		70-130	7		30
1,2,4,5-Tetramethylbenzene	102		97		70-130	5		30
Ethyl ether	87		85		67-130	2		30
trans-1,4-Dichloro-2-butene	100		93		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		105		70-130
Toluene-d8	108		109		70-130
4-Bromofluorobenzene	103		101		70-130
Dibromofluoromethane	97		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2014093-3 WG2014093-4								
Methylene chloride	110		85		70-130	**26**	Q	20
1,1-Dichloroethane	130		100		70-130	**26**	Q	20
Chloroform	110		90		70-130	20		20
Carbon tetrachloride	110		87		63-132	**23**	Q	20
1,2-Dichloropropane	120		100		70-130	18		20
Dibromochloromethane	99		90		63-130	10		20
1,1,2-Trichloroethane	110		100		70-130	10		20
Tetrachloroethene	100		86		70-130	15		20
Chlorobenzene	110		92		75-130	18		20
Trichlorofluoromethane	110		85		62-150	**26**	Q	20
1,2-Dichloroethane	110		98		70-130	12		20
1,1,1-Trichloroethane	110		87		67-130	**23**	Q	20
Bromodichloromethane	110		93		67-130	17		20
trans-1,3-Dichloropropene	120		100		70-130	18		20
cis-1,3-Dichloropropene	110		92		70-130	18		20
1,1-Dichloropropene	110		88		70-130	**22**	Q	20
Bromoform	96		84		54-136	13		20
1,1,2,2-Tetrachloroethane	100		96		67-130	4		20
Benzene	110		91		70-130	19		20
Toluene	110		94		70-130	16		20
Ethylbenzene	110		96		70-130	14		20
Chloromethane	**170**	Q	74		64-130	**79**	Q	20
Bromomethane	73		54		39-139	**30**	Q	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2014093-3 WG2014093-4								
Vinyl chloride	120		84		55-140	**35**	Q	20
Chloroethane	**140**	Q	100		55-138	**33**	Q	20
1,1-Dichloroethene	94		91		61-145	3		20
trans-1,2-Dichloroethene	100		84		70-130	17		20
Trichloroethene	110		92		70-130	18		20
1,2-Dichlorobenzene	100		90		70-130	11		20
1,3-Dichlorobenzene	110		93		70-130	17		20
1,4-Dichlorobenzene	110		93		70-130	17		20
Methyl tert butyl ether	97		84		63-130	14		20
p/m-Xylene	110		95		70-130	15		20
o-Xylene	110		95		70-130	15		20
cis-1,2-Dichloroethene	100		85		70-130	16		20
Dibromomethane	100		86		70-130	15		20
1,2,3-Trichloropropane	110		99		64-130	11		20
Acrylonitrile	110		98		70-130	12		20
Styrene	105		95		70-130	10		20
Dichlorodifluoromethane	110		51		36-147	**73**	Q	20
Acetone	110		86		58-148	**24**	Q	20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	110		100		63-138	10		20
Vinyl acetate	120		96		70-130	**22**	Q	20
4-Methyl-2-pentanone	87		83		59-130	5		20
2-Hexanone	91		82		57-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2014093-3 WG2014093-4								
Bromochloromethane	100		86		70-130	15		20
2,2-Dichloropropane	110		92		63-133	18		20
1,2-Dibromoethane	97		89		70-130	9		20
1,3-Dichloropropane	110		100		70-130	10		20
1,1,1,2-Tetrachloroethane	110		95		64-130	15		20
Bromobenzene	100		91		70-130	9		20
n-Butylbenzene	120		100		53-136	18		20
sec-Butylbenzene	110		98		70-130	12		20
tert-Butylbenzene	110		93		70-130	17		20
o-Chlorotoluene	120		100		70-130	18		20
p-Chlorotoluene	120		100		70-130	18		20
1,2-Dibromo-3-chloropropane	82		84		41-144	2		20
Hexachlorobutadiene	91		78		63-130	15		20
Isopropylbenzene	110		94		70-130	16		20
p-Isopropyltoluene	110		94		70-130	16		20
Naphthalene	78		71		70-130	9		20
n-Propylbenzene	120		100		69-130	18		20
1,2,3-Trichlorobenzene	86		72		70-130	18		20
1,2,4-Trichlorobenzene	86		75		70-130	14		20
1,3,5-Trimethylbenzene	110		99		64-130	11		20
1,2,4-Trimethylbenzene	110		96		70-130	14		20
1,4-Dioxane	102		88		56-162	15		20
p-Diethylbenzene	110		93		70-130	17		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2014093-3 WG2014093-4								
p-Ethyltoluene	120		100		70-130	18		20
1,2,4,5-Tetramethylbenzene	98		84		70-130	15		20
Ethyl ether	120		96		59-134	**22**	Q	20
trans-1,4-Dichloro-2-butene	120		100		70-130	18		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	114		110		70-130
Toluene-d8	108		108		70-130
4-Bromofluorobenzene	104		109		70-130
Dibromofluoromethane	105		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,12 Batch: WG2014139-3 WG2014139-4								
Methylene chloride	80		78		70-130	3		30
1,1-Dichloroethane	82		85		70-130	4		30
Chloroform	84		86		70-130	2		30
Carbon tetrachloride	84		89		70-130	6		30
1,2-Dichloropropane	84		87		70-130	4		30
Dibromochloromethane	100		99		70-130	1		30
1,1,2-Trichloroethane	91		89		70-130	2		30
Tetrachloroethene	91		93		70-130	2		30
Chlorobenzene	89		88		70-130	1		30
Trichlorofluoromethane	82		87		70-139	10		30
1,2-Dichloroethane	87		88		70-130	1		30
1,1,1-Trichloroethane	82		87		70-130	6		30
Bromodichloromethane	87		89		70-130	2		30
trans-1,3-Dichloropropene	90		90		70-130	0		30
cis-1,3-Dichloropropene	92		93		70-130	1		30
1,1-Dichloropropene	77		81		70-130	5		30
Bromoform	104		104		70-130	0		30
1,1,2,2-Tetrachloroethane	86		**65**	Q	70-130	28		30
Benzene	80		83		70-130	4		30
Toluene	79		82		70-130	4		30
Ethylbenzene	80		82		70-130	2		30
Chloromethane	89		91		52-130	2		30
Bromomethane	97		100		57-147	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,12 Batch: WG2014139-3 WG2014139-4								
Vinyl chloride	74		79		67-130	7		30
Chloroethane	80		84		50-151	13		30
1,1-Dichloroethene	81		89		65-135	9		30
trans-1,2-Dichloroethene	85		89		70-130	5		30
Trichloroethene	86		111		70-130	25		30
1,2-Dichlorobenzene	91		93		70-130	2		30
1,3-Dichlorobenzene	90		91		70-130	1		30
1,4-Dichlorobenzene	90		89		70-130	1		30
Methyl tert butyl ether	101		102		66-130	1		30
p/m-Xylene	84		85		70-130	1		30
o-Xylene	84		86		70-130	2		30
cis-1,2-Dichloroethene	87		91		70-130	4		30
Dibromomethane	91		93		70-130	2		30
Styrene	86		87		70-130	1		30
Dichlorodifluoromethane	89		96		30-146	8		30
Acetone	**141**	Q	137		54-140	3		30
Carbon disulfide	81		86		59-130	6		30
2-Butanone	107		105		70-130	2		30
Vinyl acetate	87		**32**	Q	70-130	**92**	Q	30
4-Methyl-2-pentanone	86		88		70-130	2		30
1,2,3-Trichloropropane	85		86		68-130	1		30
2-Hexanone	88		88		70-130	0		30
Bromochloromethane	98		98		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,12 Batch: WG2014139-3 WG2014139-4

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
2,2-Dichloropropane	78		82		70-130	5		30
1,2-Dibromoethane	100		98		70-130	2		30
1,3-Dichloropropane	88		88		69-130	0		30
1,1,1,2-Tetrachloroethane	93		94		70-130	1		30
Bromobenzene	91		92		70-130	1		30
n-Butylbenzene	80		80		70-130	0		30
sec-Butylbenzene	78		82		70-130	5		30
tert-Butylbenzene	80		84		70-130	5		30
o-Chlorotoluene	81		83		70-130	2		30
p-Chlorotoluene	81		83		70-130	2		30
1,2-Dibromo-3-chloropropane	92		92		68-130	0		30
Hexachlorobutadiene	90		92		67-130	2		30
Isopropylbenzene	79		82		70-130	4		30
p-Isopropyltoluene	82		85		70-130	4		30
Naphthalene	95		93		70-130	2		30
Acrylonitrile	106		106		70-130	0		30
n-Propylbenzene	78		80		70-130	3		30
1,2,3-Trichlorobenzene	101		99		70-130	2		30
1,2,4-Trichlorobenzene	100		96		70-130	4		30
1,3,5-Trimethylbenzene	79		82		70-130	4		30
1,2,4-Trimethylbenzene	82		84		70-130	2		30
1,4-Dioxane	79		85		65-136	7		30
p-Diethylbenzene	86		87		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,12 Batch: WG2014139-3 WG2014139-4								
p-Ethyltoluene	83		86		70-130	4		30
1,2,4,5-Tetramethylbenzene	90		90		70-130	0		30
Ethyl ether	100		101		67-130	1		30
trans-1,4-Dichloro-2-butene	83		85		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		98		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	97		95		70-130
Dibromofluoromethane	109		107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10 Batch: WG2014144-3 WG2014144-4								
Methylene chloride	80		83		70-130	4		30
1,1-Dichloroethane	85		90		70-130	6		30
Chloroform	87		91		70-130	4		30
Carbon tetrachloride	78		83		70-130	6		30
1,2-Dichloropropane	91		96		70-130	5		30
Dibromochloromethane	88		93		70-130	6		30
1,1,2-Trichloroethane	89		92		70-130	3		30
Tetrachloroethene	85		88		70-130	3		30
Chlorobenzene	89		93		70-130	4		30
Trichlorofluoromethane	79		93		70-139	16		30
1,2-Dichloroethane	96		102		70-130	6		30
1,1,1-Trichloroethane	80		85		70-130	6		30
Bromodichloromethane	83		86		70-130	4		30
trans-1,3-Dichloropropene	89		93		70-130	4		30
cis-1,3-Dichloropropene	90		95		70-130	5		30
1,1-Dichloropropene	86		89		70-130	3		30
Bromoform	83		88		70-130	6		30
1,1,2,2-Tetrachloroethane	85		90		70-130	6		30
Benzene	84		88		70-130	5		30
Toluene	84		87		70-130	4		30
Ethylbenzene	83		87		70-130	5		30
Chloromethane	68		72		52-130	6		30
Bromomethane	98		103		57-147	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10 Batch: WG2014144-3 WG2014144-4								
Vinyl chloride	82		85		67-130	4		30
Chloroethane	83		88		50-151	6		30
1,1-Dichloroethene	85		89		65-135	5		30
trans-1,2-Dichloroethene	86		90		70-130	5		30
Trichloroethene	83		85		70-130	2		30
1,2-Dichlorobenzene	91		94		70-130	3		30
1,3-Dichlorobenzene	88		92		70-130	4		30
1,4-Dichlorobenzene	89		92		70-130	3		30
Methyl tert butyl ether	99		103		66-130	4		30
p/m-Xylene	87		90		70-130	3		30
o-Xylene	88		92		70-130	4		30
cis-1,2-Dichloroethene	88		92		70-130	4		30
Dibromomethane	94		98		70-130	4		30
Styrene	89		92		70-130	3		30
Dichlorodifluoromethane	75		81		30-146	8		30
Acetone	90		96		54-140	6		30
Carbon disulfide	84		88		59-130	5		30
2-Butanone	87		90		70-130	3		30
Vinyl acetate	86		91		70-130	6		30
4-Methyl-2-pentanone	87		90		70-130	3		30
1,2,3-Trichloropropane	88		92		68-130	4		30
2-Hexanone	80		85		70-130	6		30
Bromochloromethane	94		94		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10 Batch: WG2014144-3 WG2014144-4								
2,2-Dichloropropane	83		86		70-130	4		30
1,2-Dibromoethane	92		95		70-130	3		30
1,3-Dichloropropane	92		97		69-130	5		30
1,1,1,2-Tetrachloroethane	89		92		70-130	3		30
Bromobenzene	87		91		70-130	4		30
n-Butylbenzene	83		87		70-130	5		30
sec-Butylbenzene	82		86		70-130	5		30
tert-Butylbenzene	83		86		70-130	4		30
o-Chlorotoluene	86		89		70-130	3		30
p-Chlorotoluene	85		88		70-130	3		30
1,2-Dibromo-3-chloropropane	80		86		68-130	7		30
Hexachlorobutadiene	85		91		67-130	7		30
Isopropylbenzene	81		85		70-130	5		30
p-Isopropyltoluene	84		88		70-130	5		30
Naphthalene	89		94		70-130	5		30
Acrylonitrile	85		95		70-130	11		30
n-Propylbenzene	82		86		70-130	5		30
1,2,3-Trichlorobenzene	94		98		70-130	4		30
1,2,4-Trichlorobenzene	91		95		70-130	4		30
1,3,5-Trimethylbenzene	84		87		70-130	4		30
1,2,4-Trimethylbenzene	86		89		70-130	3		30
1,4-Dioxane	102		103		65-136	1		30
p-Diethylbenzene	84		88		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 10 Batch: WG2014144-3 WG2014144-4								
p-Ethyltoluene	83		87		70-130	5		30
1,2,4,5-Tetramethylbenzene	88		93		70-130	6		30
Ethyl ether	97		101		67-130	4		30
trans-1,4-Dichloro-2-butene	80		86		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		103		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	101		103		70-130

SEMIVOLATILES

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-01
Client ID: SB-14 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 10:15
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/26/24 18:48
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	360		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-01 Date Collected: 12/19/24 10:15

Client ID: SB-14 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	170		ug/kg	110	20.	1
Benzo(a)pyrene	160		ug/kg	140	44.	1
Benzo(b)fluoranthene	200		ug/kg	110	30.	1
Benzo(k)fluoranthene	83	J	ug/kg	110	29.	1
Chrysene	170		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	39	J	ug/kg	110	35.	1
Benzo(ghi)perylene	100	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	150		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	25	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	100	J	ug/kg	140	25.	1
Pyrene	290		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-01 Date Collected: 12/19/24 10:15

Client ID: SB-14 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	23	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	37		10-136
4-Terphenyl-d14	73		18-120

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-02
Client ID: SB-13 (1-1.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 10:35
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/26/24 19:10
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	43	J	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	40	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-02 Date Collected: 12/19/24 10:35

Client ID: SB-13 (1-1.5) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	65	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	88	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	160		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	58	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	160		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	40	J	ug/kg	140	25.	1
Pyrene	52	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	35	J	ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	72	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-02 Date Collected: 12/19/24 10:35

Client ID: SB-13 (1-1.5) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	4230	J	ug/kg			1
Unknown Alkane	321	J	ug/kg			1
Unknown Alkane	340	J	ug/kg			1
Unknown Alkane	284	J	ug/kg			1
Unknown Benzene	410	J	ug/kg			1
Unknown Ketone	244	J	ug/kg			1
Unknown Naphthalene	232	J	ug/kg			1
Unknown PAH	304	J	ug/kg			1
Unknown PAH	234	J	ug/kg			1
Unknown Alkane	251	J	ug/kg			1
Tetrachloroethene	235	NJ	ug/kg			1
Unknown Alkane	237	J	ug/kg			1
Unknown Alkane	244	J	ug/kg			1
Unknown Alkane	282	J	ug/kg			1
Unknown PAH	361	J	ug/kg			1
Unknown Naphthalene	248	J	ug/kg			1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-02 Date Collected: 12/19/24 10:35

Client ID: SB-13 (1-1.5) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	65		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	27		10-136
4-Terphenyl-d14	69		18-120

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-03
Client ID: SB-1 (3.5-4)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 11:10
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/26/24 19:33
Analyst: IM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	380		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	72	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	96	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	640		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-03 Date Collected: 12/19/24 11:10

Client ID: SB-1 (3.5-4) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	58	J	ug/kg	120	22.	1
Benzo(a)pyrene	60	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	81	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	76	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	63	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	56	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	43	J	ug/kg	160	27.	1
Pyrene	97	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	36	J	ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	36	J	ug/kg	280	31.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-03 Date Collected: 12/19/24 11:10

Client ID: SB-1 (3.5-4) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	200	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
Total TIC Compounds	37400	J	ug/kg			1
Unknown	337	J	ug/kg			1
Unknown	4120	J	ug/kg			1
Unknown	391	J	ug/kg			1
Unknown	3760	J	ug/kg			1
Unknown	1060	J	ug/kg			1
Unknown	5310	J	ug/kg			1
Unknown	718	J	ug/kg			1
Unknown	1590	J	ug/kg			1
Unknown	4640	J	ug/kg			1
Unknown	4780	J	ug/kg			1
Unknown	4970	J	ug/kg			1
Unknown	385	J	ug/kg			1
Unknown	689	J	ug/kg			1
Unknown	1640	J	ug/kg			1
Unknown	2990	J	ug/kg			1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-03 Date Collected: 12/19/24 11:10

Client ID: SB-1 (3.5-4) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	84		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	73		18-120

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-04
Client ID: SB-2 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 11:30
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/26/24 19:55
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	31.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	270		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-04 Date Collected: 12/19/24 11:30

Client ID: SB-2 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	150		ug/kg	100	20.	1
Benzo(a)pyrene	150		ug/kg	140	43.	1
Benzo(b)fluoranthene	190		ug/kg	100	30.	1
Benzo(k)fluoranthene	65	J	ug/kg	100	28.	1
Chrysene	150		ug/kg	100	18.	1
Acenaphthylene	30	J	ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	100	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	100		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	20	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	98	J	ug/kg	140	24.	1
Pyrene	230		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	ND		ug/kg	180	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-04 Date Collected: 12/19/24 11:30

Client ID: SB-2 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
Total TIC Compounds	197	J	ug/kg			1
Unknown	197	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	76		18-120

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-05
Client ID: TW-1
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 12:10
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/26/24 22:30
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 12/26/24 06:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	3.1		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-05 Date Collected: 12/19/24 12:10

Client ID: TW-1 Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-05 Date Collected: 12/19/24 12:10

Client ID: TW-1 Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	269	J	ug/l			1
Unknown	21.2	J	ug/l			1
Unknown	5.00	J	ug/l			1
Unknown	8.10	J	ug/l			1
Unknown	5.10	J	ug/l			1
Unknown	7.00	J	ug/l			1
Unknown	7.20	J	ug/l			1
Unknown	7.50	J	ug/l			1
Unknown	52.0	J	ug/l			1
Unknown	16.5	J	ug/l			1
Unknown	5.00	J	ug/l			1
Unknown	83.3	J	ug/l			1
Unknown Alcohol	27.8	J	ug/l			1
Unknown	8.60	J	ug/l			1
Unknown	4.70	J	ug/l			1
Unknown	9.70	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	45		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	62		41-149

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-05
Client ID: TW-1
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 12:10
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/26/24 16:04
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/26/24 06:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.13		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.07	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.10		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.07	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.13		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.03	1
Chrysene	0.08	J	ug/l	0.10	0.03	1
Acenaphthylene	0.03	J	ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.07	J	ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.09	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.06	J	ug/l	0.10	0.02	1
Pyrene	0.15		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-05 Date Collected: 12/19/24 12:10

Client ID: TW-1 Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	77		41-149

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-06
Client ID: TW-2
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 13:10
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 01/04/25 15:44
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 01/03/25 13:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	9.23		ng/l	6.39	0.527	1
Perfluoropentanoic Acid (PFPeA)	6.84		ng/l	3.20	0.359	1
Perfluorobutanesulfonic Acid (PFBS)	3.00		ng/l	1.60	0.399	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.39	0.911	1
Perfluorohexanoic Acid (PFHxA)	6.55		ng/l	1.60	0.248	1
Perfluoropentanesulfonic Acid (PFPeS)	0.703	JF	ng/l	1.60	0.208	1
Perfluoroheptanoic Acid (PFHpA)	3.07		ng/l	1.60	0.240	1
Perfluorohexanesulfonic Acid (PFHxS)	21.4		ng/l	1.60	0.136	1
Perfluorooctanoic Acid (PFOA)	11.3		ng/l	1.60	0.264	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.39	4.81	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.19	J	ng/l	1.60	0.200	1
Perfluorononanoic Acid (PFNA)	1.56	J	ng/l	1.60	0.264	1
Perfluorooctanesulfonic Acid (PFOS)	41.6		ng/l	1.60	0.264	1
Perfluorodecanoic Acid (PFDA)	1.27	J	ng/l	1.60	0.208	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.39	1.22	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.200	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.479	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.176	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.136	1
Perfluorooctanesulfonamide (PFOSA)	1.20	J	ng/l	1.60	0.096	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.479	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.216	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.184	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.160	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.39	1.60	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.39	0.375	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.240	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-06 Date Collected: 12/19/24 13:10

Client ID: TW-2 Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.39	0.439	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.39	0.447	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.224	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.351	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.30	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.10	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.248	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.359	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.328	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.543	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.99	0.535	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.9	4.25	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.9	3.18	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-06 Date Collected: 12/19/24 13:10

Client ID: TW-2 Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	74		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	60		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	56		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**269**	Q	40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	67		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	65		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	58		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	62		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	**268**	Q	40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	65		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	59		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	70		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	216		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	71		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	64		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	74		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	68		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	51		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	67		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	49		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	50		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	51		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	52		10-130

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-07
Client ID: SB-3 (5-5.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 13:30
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/26/24 20:18
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	400	52.	1
1,2,4-Trichlorobenzene	ND		ug/kg	500	57.	1
Hexachlorobenzene	ND		ug/kg	300	56.	1
Bis(2-chloroethyl)ether	ND		ug/kg	450	68.	1
2-Chloronaphthalene	ND		ug/kg	500	50.	1
1,2-Dichlorobenzene	ND		ug/kg	500	90.	1
1,3-Dichlorobenzene	ND		ug/kg	500	86.	1
1,4-Dichlorobenzene	ND		ug/kg	500	88.	1
3,3'-Dichlorobenzidine	ND		ug/kg	500	130	1
2,4-Dinitrotoluene	ND		ug/kg	500	100	1
2,6-Dinitrotoluene	ND		ug/kg	500	86.	1
Fluoranthene	ND		ug/kg	300	58.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	500	54.	1
4-Bromophenyl phenyl ether	ND		ug/kg	500	76.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	600	86.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	540	50.	1
Hexachlorobutadiene	ND		ug/kg	500	73.	1
Hexachlorocyclopentadiene	ND		ug/kg	1400	450	1
Hexachloroethane	ND		ug/kg	400	81.	1
Isophorone	ND		ug/kg	450	65.	1
Naphthalene	ND		ug/kg	500	61.	1
Nitrobenzene	ND		ug/kg	450	74.	1
NDPA/DPA	ND		ug/kg	400	57.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	500	77.	1
Bis(2-ethylhexyl)phthalate	290	J	ug/kg	500	170	1
Butyl benzyl phthalate	3200		ug/kg	500	130	1
Di-n-butylphthalate	ND		ug/kg	500	95.	1
Di-n-octylphthalate	ND		ug/kg	500	170	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-07 Date Collected: 12/19/24 13:30

Client ID: SB-3 (5-5.5) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	500	46.	1
Dimethyl phthalate	ND		ug/kg	500	100	1
Benzo(a)anthracene	ND		ug/kg	300	56.	1
Benzo(a)pyrene	ND		ug/kg	400	120	1
Benzo(b)fluoranthene	ND		ug/kg	300	84.	1
Benzo(k)fluoranthene	ND		ug/kg	300	80.	1
Chrysene	ND		ug/kg	300	52.	1
Acenaphthylene	ND		ug/kg	400	77.	1
Anthracene	ND		ug/kg	300	98.	1
Benzo(ghi)perylene	ND		ug/kg	400	59.	1
Fluorene	ND		ug/kg	500	49.	1
Phenanthrene	ND		ug/kg	300	61.	1
Dibenzo(a,h)anthracene	ND		ug/kg	300	58.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	400	70.	1
Pyrene	54	J	ug/kg	300	50.	1
Biphenyl	ND		ug/kg	1100	65.	1
4-Chloroaniline	ND		ug/kg	500	91.	1
2-Nitroaniline	ND		ug/kg	500	97.	1
3-Nitroaniline	ND		ug/kg	500	94.	1
4-Nitroaniline	ND		ug/kg	500	210	1
Dibenzofuran	ND		ug/kg	500	47.	1
2-Methylnaphthalene	ND		ug/kg	600	60.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	500	52.	1
Acetophenone	ND		ug/kg	500	62.	1
2,4,6-Trichlorophenol	ND		ug/kg	300	95.	1
p-Chloro-m-cresol	ND		ug/kg	500	75.	1
2-Chlorophenol	ND		ug/kg	500	59.	1
2,4-Dichlorophenol	ND		ug/kg	450	81.	1
2,4-Dimethylphenol	ND		ug/kg	500	160	1
2-Nitrophenol	ND		ug/kg	1100	190	1
4-Nitrophenol	ND		ug/kg	700	200	1
2,4-Dinitrophenol	ND		ug/kg	2400	230	1
4,6-Dinitro-o-cresol	ND		ug/kg	1300	240	1
Pentachlorophenol	ND		ug/kg	400	110	1
Phenol	ND		ug/kg	500	76.	1
2-Methylphenol	ND		ug/kg	500	78.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	720	78.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-07 Date Collected: 12/19/24 13:30

Client ID: SB-3 (5-5.5) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	500	96.	1
Benzoic Acid	ND		ug/kg	1600	510	1
Benzyl Alcohol	ND		ug/kg	500	150	1
Carbazole	ND		ug/kg	500	49.	1
1,4-Dioxane	ND		ug/kg	75	23.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	79		18-120

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-07
Client ID: SB-3 (5-5.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 13:30
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 01/06/25 19:45
Analyst: ANH
Percent Solids: 92%

Extraction Method: EPA 1633
Extraction Date: 01/05/25 07:01
Cleanup Method: EPA 1633
Cleanup Date: 01/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.038	J	ng/g	0.779	0.027	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.390	0.037	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.195	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.779	0.076	1
Perfluorohexanoic Acid (PFHxA)	0.068	J	ng/g	0.195	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.195	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.021	J	ng/g	0.195	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	0.306		ng/g	0.195	0.020	1
Perfluorooctanoic Acid (PFOA)	0.041	J	ng/g	0.195	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.779	0.144	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.195	0.044	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.195	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.454		ng/g	0.195	0.030	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.195	0.034	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.779	0.252	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.195	0.029	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.195	0.083	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.195	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	0.027	J	ng/g	0.195	0.014	1
Perfluorooctanesulfonamide (PFOSA)	0.053	JF	ng/g	0.195	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.116	J	ng/g	0.195	0.043	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.195	0.020	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.195	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.195	0.023	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.779	0.037	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.779	0.029	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.195	0.021	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-07 Date Collected: 12/19/24 13:30

Client ID: SB-3 (5-5.5) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.779	0.029	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.779	0.039	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.195	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	0.044	J	ng/g	0.195	0.021	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.95	0.118	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.95	0.080	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.390	0.016	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.390	0.023	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.390	0.045	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.390	0.080	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.974	0.090	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.87	0.230	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.87	0.356	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-07 Date Collected: 12/19/24 13:30

Client ID: SB-3 (5-5.5) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	82		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	84		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	69		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	117		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	91		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	89		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	89		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	87		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	89		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	81		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	75		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	71		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	72		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	93		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	93		15-130

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-08
Client ID: SB-11 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 13:50
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/26/24 20:40
Analyst: IM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	480		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-08 Date Collected: 12/19/24 13:50

Client ID: SB-11 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	310		ug/kg	110	21.	1
Benzo(a)pyrene	260		ug/kg	150	46.	1
Benzo(b)fluoranthene	320		ug/kg	110	32.	1
Benzo(k)fluoranthene	110		ug/kg	110	30.	1
Chrysene	280		ug/kg	110	19.	1
Acenaphthylene	46	J	ug/kg	150	29.	1
Anthracene	55	J	ug/kg	110	36.	1
Benzo(ghi)perylene	140	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	140		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	33	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	140	J	ug/kg	150	26.	1
Pyrene	410		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-08 Date Collected: 12/19/24 13:50

Client ID: SB-11 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
Total TIC Compounds	354	J	ug/kg			1
Unknown PAH	174	J	ug/kg			1
Unknown	180	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	76		18-120

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-09
Client ID: SB-4 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 14:10
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/26/24 21:03
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	38	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-09 Date Collected: 12/19/24 14:10

Client ID: SB-4 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	29	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	25	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	37	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-09 Date Collected: 12/19/24 14:10

Client ID: SB-4 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	337	J	ug/kg			1
Unknown	337	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	99		25-120
Phenol-d6	101		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	86		18-120

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-10
Client ID: SB-12 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 14:40
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/26/24 21:25
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-10 Date Collected: 12/19/24 14:40

Client ID: SB-12 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-10 Date Collected: 12/19/24 14:40

Client ID: SB-12 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	76		18-120

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-11
Client ID: SB-10 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 15:00
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/26/24 21:48
Analyst: IM
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	76	J	ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	37.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	57.	1
2,4-Dinitrotoluene	ND		ug/kg	210	43.	1
2,6-Dinitrotoluene	ND		ug/kg	210	37.	1
Fluoranthene	1300		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	1000		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	74.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-11 Date Collected: 12/19/24 15:00

Client ID: SB-10 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	840		ug/kg	130	24.	1
Benzo(a)pyrene	810		ug/kg	170	52.	1
Benzo(b)fluoranthene	880		ug/kg	130	36.	1
Benzo(k)fluoranthene	590		ug/kg	130	34.	1
Chrysene	1000		ug/kg	130	22.	1
Acenaphthylene	79	J	ug/kg	170	33.	1
Anthracene	270		ug/kg	130	42.	1
Benzo(ghi)perylene	790		ug/kg	170	25.	1
Fluorene	180	J	ug/kg	210	21.	1
Phenanthrene	1100		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	120	J	ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	540		ug/kg	170	30.	1
Pyrene	1200		ug/kg	130	21.	1
Biphenyl	370	J	ug/kg	490	28.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	180	J	ug/kg	210	20.	1
2-Methylnaphthalene	1200		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	87.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	140	J	ug/kg	310	33.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-11 Date Collected: 12/19/24 15:00

Client ID: SB-10 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	210	41.	1
Benzoic Acid	ND		ug/kg	690	220	1
Benzyl Alcohol	ND		ug/kg	210	65.	1
Carbazole	160	J	ug/kg	210	21.	1
1,4-Dioxane	ND		ug/kg	32	9.8	1
Tentatively Identified Compounds						
Total TIC Compounds	31000	J	ug/kg			1
Unknown Benzene	1460	J	ug/kg			1
Unknown Alkane	1130	J	ug/kg			1
Unknown Alkane	5980	J	ug/kg			1
Tetrachloroethene	1650	NJ	ug/kg			1
Unknown Benzene	1350	J	ug/kg			1
Unknown	1710	J	ug/kg			1
Unknown Benzene	1440	J	ug/kg			1
Unknown Alkane	4560	J	ug/kg			1
Unknown Benzene	1280	J	ug/kg			1
Unknown	1070	J	ug/kg			1
Unknown	1550	J	ug/kg			1
Unknown	1780	J	ug/kg			1
Unknown Benzene	2780	J	ug/kg			1
Unknown Alkane	1590	J	ug/kg			1
Unknown Benzene	1680	J	ug/kg			1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-11 Date Collected: 12/19/24 15:00

Client ID: SB-10 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	87		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	64		18-120

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-12
Client ID: SB-9 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 15:30
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/26/24 22:10
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-12 Date Collected: 12/19/24 15:30

Client ID: SB-9 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	21	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-12 Date Collected: 12/19/24 15:30

Client ID: SB-9 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	79		18-120

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/24/24 15:26
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 12/22/24 09:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,07-12 Batch: WG2012351-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
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	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/24/24 15:26
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 12/22/24 09:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,07-12 Batch: WG2012351-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
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	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/24/24 15:26
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 12/22/24 09:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,07-12 Batch: WG2012351-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	76		18-120

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/26/24 18:29
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 12/26/24 06:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2013481-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/26/24 18:29
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 12/26/24 06:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2013481-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/26/24 18:29
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 12/26/24 06:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2013481-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	39		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	48		41-149

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/26/24 15:47
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/26/24 06:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG2013482-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/26/24 15:47
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/26/24 06:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG2013482-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	66		41-149

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 01/04/25 12:23
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 01/03/25 13:41

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06 Batch: WG2016140-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	0.528
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.360
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.400
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	0.912
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.248
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.208
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.240
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.136
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.264
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	4.82
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.200
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.264
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.264
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.208
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	1.22
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.200
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.480
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.176
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.136
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.096
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.480
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.216
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.184
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	1.60
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	0.376
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.240

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 01/04/25 12:23
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 01/03/25 13:41

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06 Batch: WG2016140-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	0.440
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	0.448
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.224
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.352
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.10
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.248
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.360
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.328
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.544
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	0.536
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	4.26
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	3.18

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 01/04/25 12:23
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 01/03/25 13:41

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06 Batch: WG2016140-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	98		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	102		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	103		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	97		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	95		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	96		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	100		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	97		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	108		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	108		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	78		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	90		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	68		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	75		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	76		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	94		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	66		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	93		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	87		10-130

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 01/06/25 19:09
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 01/05/25 07:01
Cleanup Method: EPA 1633
Cleanup Date: 01/05/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 07 Batch: WG2016526-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	0.020	J	ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 01/06/25 19:09
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 01/05/25 07:01
Cleanup Method: EPA 1633
Cleanup Date: 01/05/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 07 Batch: WG2016526-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 01/06/25 19:09
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 01/05/25 07:01
Cleanup Method: EPA 1633
Cleanup Date: 01/05/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 07 Batch: WG2016526-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	79		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	71		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	75		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	71		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	72		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	74		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	74		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	73		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	60		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	71		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	63		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	64		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	73		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	64		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	64		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	86		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	85		15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,07-12 Batch: WG2012351-2 WG2012351-3								
Acenaphthene	68		70		31-137	3		50
1,2,4-Trichlorobenzene	65		68		38-107	5		50
Hexachlorobenzene	75		76		40-140	1		50
Bis(2-chloroethyl)ether	63		66		40-140	5		50
2-Chloronaphthalene	70		73		40-140	4		50
1,2-Dichlorobenzene	62		64		40-140	3		50
1,3-Dichlorobenzene	60		62		40-140	3		50
1,4-Dichlorobenzene	62		63		28-104	2		50
3,3'-Dichlorobenzidine	58		59		40-140	2		50
2,4-Dinitrotoluene	93		95		40-132	2		50
2,6-Dinitrotoluene	91		93		40-140	2		50
Fluoranthene	75		75		40-140	0		50
4-Chlorophenyl phenyl ether	74		75		40-140	1		50
4-Bromophenyl phenyl ether	76		77		40-140	1		50
Bis(2-chloroisopropyl)ether	44		47		40-140	7		50
Bis(2-chloroethoxy)methane	69		72		40-117	4		50
Hexachlorobutadiene	66		68		40-140	3		50
Hexachlorocyclopentadiene	68		73		40-140	7		50
Hexachloroethane	64		67		40-140	5		50
Isophorone	68		73		40-140	7		50
Naphthalene	65		68		40-140	5		50
Nitrobenzene	71		74		40-140	4		50
NDPA/DPA	71		73		36-157	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,07-12 Batch: WG2012351-2 WG2012351-3								
n-Nitrosodi-n-propylamine	66		71		32-121	7		50
Bis(2-ethylhexyl)phthalate	80		82		40-140	2		50
Butyl benzyl phthalate	87		86		40-140	1		50
Di-n-butylphthalate	78		79		40-140	1		50
Di-n-octylphthalate	77		78		40-140	1		50
Diethyl phthalate	74		77		40-140	4		50
Dimethyl phthalate	76		78		40-140	3		50
Benzo(a)anthracene	71		73		40-140	3		50
Benzo(a)pyrene	78		78		40-140	0		50
Benzo(b)fluoranthene	73		72		40-140	1		50
Benzo(k)fluoranthene	75		75		40-140	0		50
Chrysene	69		70		40-140	1		50
Acenaphthylene	79		82		40-140	4		50
Anthracene	72		72		40-140	0		50
Benzo(ghi)perylene	77		78		40-140	1		50
Fluorene	72		74		40-140	3		50
Phenanthrene	69		70		40-140	1		50
Dibenzo(a,h)anthracene	76		76		40-140	0		50
Indeno(1,2,3-cd)pyrene	77		77		40-140	0		50
Pyrene	74		74		35-142	0		50
Biphenyl	72		75		37-127	4		50
4-Chloroaniline	52		57		40-140	9		50
2-Nitroaniline	100		101		47-134	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,07-12 Batch: WG2012351-2 WG2012351-3								
3-Nitroaniline	58		59		26-129	2		50
4-Nitroaniline	82		82		41-125	0		50
Dibenzofuran	71		73		40-140	3		50
2-Methylnaphthalene	64		67		40-140	5		50
1,2,4,5-Tetrachlorobenzene	74		78		40-117	5		50
Acetophenone	69		73		14-144	6		50
2,4,6-Trichlorophenol	76		80		30-130	5		50
p-Chloro-m-cresol	82		84		26-103	2		50
2-Chlorophenol	67		71		25-102	6		50
2,4-Dichlorophenol	75		80		30-130	6		50
2,4-Dimethylphenol	84		90		30-130	7		50
2-Nitrophenol	86		91		30-130	6		50
4-Nitrophenol	82		87		11-114	6		50
2,4-Dinitrophenol	80		85		4-130	6		50
4,6-Dinitro-o-cresol	93		99		10-130	6		50
Pentachlorophenol	72		73		17-109	1		50
Phenol	64		69		26-90	8		50
2-Methylphenol	71		75		30-130.	5		50
3-Methylphenol/4-Methylphenol	76		81		30-130	6		50
2,4,5-Trichlorophenol	84		86		30-130	2		50
Benzoic Acid	61		68		10-110	11		50
Benzyl Alcohol	74		77		40-140	4		50
Carbazole	72		72		54-128	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,07-12 Batch: WG2012351-2 WG2012351-3								
1,4-Dioxane	51		55		40-140	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69		72		25-120
Phenol-d6	72		76		10-120
Nitrobenzene-d5	75		81		23-120
2-Fluorobiphenyl	72		76		30-120
2,4,6-Tribromophenol	90		92		10-136
4-Terphenyl-d14	76		76		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2013481-2 WG2013481-3								
Acenaphthene	55		47		37-111	16		30
1,2,4-Trichlorobenzene	48		40		39-98	18		30
Hexachlorobenzene	66		56		40-140	16		30
Bis(2-chloroethyl)ether	65		55		40-140	17		30
2-Chloronaphthalene	56		46		40-140	20		30
1,2-Dichlorobenzene	50		42		40-140	17		30
1,3-Dichlorobenzene	48		40		40-140	18		30
1,4-Dichlorobenzene	48		40		36-97	18		30
3,3'-Dichlorobenzidine	89		69		40-140	25		30
2,4-Dinitrotoluene	70		61		48-143	14		30
2,6-Dinitrotoluene	75		62		40-140	19		30
Fluoranthene	72		59		40-140	20		30
4-Chlorophenyl phenyl ether	56		48		40-140	15		30
4-Bromophenyl phenyl ether	62		54		40-140	14		30
Bis(2-chloroisopropyl)ether	64		54		40-140	17		30
Bis(2-chloroethoxy)methane	71		59		40-140	18		30
Hexachlorobutadiene	46		**36**	Q	40-140	24		30
Hexachlorocyclopentadiene	**28**	Q	**24**	Q	40-140	15		30
Hexachloroethane	46		**35**	Q	40-140	27		30
Isophorone	70		59		40-140	17		30
Naphthalene	54		46		40-140	16		30
Nitrobenzene	67		55		40-140	20		30
NDPA/DPA	71		60		40-140	17		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2013481-2 WG2013481-3								
n-Nitrosodi-n-propylamine	68		59		29-132	14		30
Bis(2-ethylhexyl)phthalate	82		66		40-140	22		30
Butyl benzyl phthalate	82		66		40-140	22		30
Di-n-butylphthalate	80		65		40-140	21		30
Di-n-octylphthalate	89		71		40-140	23		30
Diethyl phthalate	74		60		40-140	21		30
Dimethyl phthalate	78		64		40-140	20		30
Benzo(a)anthracene	72		59		40-140	20		30
Benzo(a)pyrene	76		63		40-140	19		30
Benzo(b)fluoranthene	75		61		40-140	21		30
Benzo(k)fluoranthene	74		62		40-140	18		30
Chrysene	66		55		40-140	18		30
Acenaphthylene	64		52		45-123	21		30
Anthracene	66		56		40-140	16		30
Benzo(ghi)perylene	69		57		40-140	19		30
Fluorene	60		51		40-140	16		30
Phenanthrene	63		54		40-140	15		30
Dibenzo(a,h)anthracene	71		60		40-140	17		30
Indeno(1,2,3-cd)pyrene	71		62		40-140	14		30
Pyrene	73		60		26-127	20		30
Biphenyl	58		48		40-140	19		30
4-Chloroaniline	56		46		40-140	20		30
2-Nitroaniline	80		67		52-143	18		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2013481-2 WG2013481-3								
3-Nitroaniline	66		54		25-145	20		30
4-Nitroaniline	76		61		51-143	22		30
Dibenzofuran	56		50		40-140	11		30
2-Methylnaphthalene	55		45		40-140	20		30
1,2,4,5-Tetrachlorobenzene	51		42		2-134	19		30
Acetophenone	70		60		39-129	15		30
2,4,6-Trichlorophenol	77		63		30-130	20		30
p-Chloro-m-cresol	78		63		23-97	21		30
2-Chlorophenol	65		57		27-123	13		30
2,4-Dichlorophenol	72		61		30-130	17		30
2,4-Dimethylphenol	41		42		30-130	2		30
2-Nitrophenol	71		59		30-130	18		30
4-Nitrophenol	48		40		10-80	18		30
2,4-Dinitrophenol	68		58		20-130	16		30
4,6-Dinitro-o-cresol	72		62		20-164	15		30
Pentachlorophenol	78		62		9-103	23		30
Phenol	38		34		12-110	11		30
2-Methylphenol	64		54		30-130	17		30
3-Methylphenol/4-Methylphenol	62		52		30-130	18		30
2,4,5-Trichlorophenol	77		61		30-130	23		30
Benzoic Acid	10		12		10-164	18		30
Benzyl Alcohol	66		58		26-116	13		30
Carbazole	72		59		55-144	20		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2013481-2 WG2013481-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		43		21-120
Phenol-d6	38		33		10-120
Nitrobenzene-d5	70		58		23-120
2-Fluorobiphenyl	64		51		15-120
2,4,6-Tribromophenol	83		66		10-120
4-Terphenyl-d14	72		59		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab	Associated sample(s): 05		Batch: WG2013482-2 WG2013482-3					
Acenaphthene	71		65		40-140	9		40
2-Chloronaphthalene	70		63		40-140	11		40
Fluoranthene	91		83		40-140	9		40
Hexachlorobutadiene	54		46		40-140	16		40
Naphthalene	64		57		40-140	12		40
Benzo(a)anthracene	87		79		40-140	10		40
Benzo(a)pyrene	109		96		40-140	13		40
Benzo(b)fluoranthene	114		100		40-140	13		40
Benzo(k)fluoranthene	104		95		40-140	9		40
Chrysene	90		82		40-140	9		40
Acenaphthylene	80		72		40-140	11		40
Anthracene	86		79		40-140	8		40
Benzo(ghi)perylene	79		71		40-140	11		40
Fluorene	80		74		40-140	8		40
Phenanthrene	82		75		40-140	9		40
Dibenzo(a,h)anthracene	86		78		40-140	10		40
Indeno(1,2,3-cd)pyrene	90		81		40-140	11		40
Pyrene	91		82		40-140	10		40
2-Methylnaphthalene	69		62		40-140	11		40
Pentachlorophenol	92		53		40-140	**54**	Q	40
Hexachlorobenzene	71		65		40-140	9		40
Hexachloroethane	63		53		40-140	17		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG2013482-2 WG2013482-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	71		61		21-120
Phenol-d6	55		49		10-120
Nitrobenzene-d5	**133**	Q	113		23-120
2-Fluorobiphenyl	82		71		15-120
2,4,6-Tribromophenol	113		99		10-120
4-Terphenyl-d14	90		81		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG2016140-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	99		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	100		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	94		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	102		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	106		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	105		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	94		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	92		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	88		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	117		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	83		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	92		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	98		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	91		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	114		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	90		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	84		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	82		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	71		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	91		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	108		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG2016140-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	102		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	98		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	88		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	99		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	99		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	69		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	94		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	85		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	85		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	97		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	92		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	102		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	100		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	98		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	98		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	94		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	92		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	96		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	91		-		50-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG2016140-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	97				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	100				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	98				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	97				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	94				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	93				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	101				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	109				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	98				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	83				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	91				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	101				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	68				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	70				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	95				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	81				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	79				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	104				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	99				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG2016140-3								
Perfluorobutanoic Acid (PFBA)	107		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	109		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	105		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	104		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	103		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	122		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	105		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	121		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	94		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	115		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	100		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	102		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	104		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	98		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	100		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	97		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	113		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	103		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	79		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	106		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	93		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG2016140-3								
Perfluorododecanoic Acid (PFDoA)	106		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	98		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	100		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	108		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	110		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	82		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	110		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	101		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	93		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	94		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	108		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	115		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	108		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	108		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	97		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	101		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	107		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	93		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	90		-		50-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06 Batch: WG2016140-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	96				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	106				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	105				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	98				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	92				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	92				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	91				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	95				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	98				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	99				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	98				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	81				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	73				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	90				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	67				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	93				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	77				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	79				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	95				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	94				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 07 Batch: WG2016526-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	108		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	108		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	98		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	101		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	117		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	103		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	85		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	98		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	100		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	114		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	113		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	103		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	104		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	104		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	96		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	109		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	93		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	98		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	97		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 07 Batch: WG2016526-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	101		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	107		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	101		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	111		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	74		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	87		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	120		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	114		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	103		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	108		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	100		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	109		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	96		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	95		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	100		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	119		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	**132**	Q	-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	113		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	100		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 07 Batch: WG2016526-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	90				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	76				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	99				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	81				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	84				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	76				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	72				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	80				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	80				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	77				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	100				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	101				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 07 Batch: WG2016526-3								
Perfluorobutanoic Acid (PFBA)	117		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	119		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	106		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	116		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	120		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	85		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	108		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	116		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	120		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	117		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	109		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	107		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	121		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	121		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	115		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	124		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	110		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	104		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	104		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	118		-		65-165	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 07 Batch: WG2016526-3								
Perfluorododecanoic Acid (PFDoA)	113		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	121		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	115		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	118		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	74		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	101		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	131		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	132		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	110		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	103		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	114		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	119		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	105		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	106		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	99		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	114		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	**149**	Q	-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	110		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	105		-		60-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 07 Batch: WG2016526-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	88				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	115				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	86				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	93				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	72				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	90				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	86				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	72				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	72				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	69				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	79				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	80				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	85				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	103				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	107				15-130

PCBS

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-01
Client ID: SB-14 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 10:15
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/24/24 12:15
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 17:39
Cleanup Method: EPA 3665A
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.8	4.51	1	A
Aroclor 1221	ND		ug/kg	50.8	5.09	1	A
Aroclor 1232	ND		ug/kg	50.8	10.8	1	A
Aroclor 1242	7.63	J	ug/kg	50.8	6.84	1	B
Aroclor 1248	ND		ug/kg	50.8	7.62	1	A
Aroclor 1254	ND		ug/kg	50.8	5.56	1	B
Aroclor 1260	ND		ug/kg	50.8	9.38	1	A
Aroclor 1262	ND		ug/kg	50.8	6.45	1	A
Aroclor 1268	ND		ug/kg	50.8	5.26	1	A
PCBs, Total	7.63	J	ug/kg	50.8	4.51	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-02
Client ID: SB-13 (1-1.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 10:35
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/24/24 12:23
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 17:39
Cleanup Method: EPA 3665A
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.5	4.66	1	A
Aroclor 1221	ND		ug/kg	52.5	5.26	1	A
Aroclor 1232	ND		ug/kg	52.5	11.1	1	A
Aroclor 1242	ND		ug/kg	52.5	7.08	1	A
Aroclor 1248	ND		ug/kg	52.5	7.88	1	A
Aroclor 1254	ND		ug/kg	52.5	5.75	1	A
Aroclor 1260	ND		ug/kg	52.5	9.71	1	A
Aroclor 1262	ND		ug/kg	52.5	6.67	1	A
Aroclor 1268	ND		ug/kg	52.5	5.44	1	A
PCBs, Total	ND		ug/kg	52.5	4.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-03
Client ID: SB-1 (3.5-4)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 11:10
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/24/24 12:31
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 17:39
Cleanup Method: EPA 3665A
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.8	5.04	1	A
Aroclor 1221	ND		ug/kg	56.8	5.69	1	A
Aroclor 1232	ND		ug/kg	56.8	12.0	1	A
Aroclor 1242	ND		ug/kg	56.8	7.66	1	A
Aroclor 1248	ND		ug/kg	56.8	8.52	1	A
Aroclor 1254	ND		ug/kg	56.8	6.22	1	A
Aroclor 1260	14.8	J	ug/kg	56.8	10.5	1	B
Aroclor 1262	ND		ug/kg	56.8	7.22	1	A
Aroclor 1268	ND		ug/kg	56.8	5.88	1	A
PCBs, Total	14.8	J	ug/kg	56.8	5.04	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-04
Client ID: SB-2 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 11:30
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/24/24 12:39
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 17:39
Cleanup Method: EPA 3665A
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.0	4.53	1	A
Aroclor 1221	ND		ug/kg	51.0	5.11	1	A
Aroclor 1232	ND		ug/kg	51.0	10.8	1	A
Aroclor 1242	ND		ug/kg	51.0	6.87	1	A
Aroclor 1248	ND		ug/kg	51.0	7.65	1	A
Aroclor 1254	ND		ug/kg	51.0	5.58	1	A
Aroclor 1260	ND		ug/kg	51.0	9.42	1	A
Aroclor 1262	ND		ug/kg	51.0	6.48	1	A
Aroclor 1268	ND		ug/kg	51.0	5.28	1	A
PCBs, Total	ND		ug/kg	51.0	4.53	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-05
Client ID: TW-1
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 12:10
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/24/24 13:26
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 12/23/24 13:27
Cleanup Method: EPA 3665A
Cleanup Date: 12/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	B
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-07
Client ID: SB-3 (5-5.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 13:30
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/24/24 12:48
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 17:39
Cleanup Method: EPA 3665A
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.3	4.47	1	A
Aroclor 1221	ND		ug/kg	50.3	5.04	1	A
Aroclor 1232	ND		ug/kg	50.3	10.7	1	A
Aroclor 1242	ND		ug/kg	50.3	6.78	1	A
Aroclor 1248	ND		ug/kg	50.3	7.55	1	A
Aroclor 1254	ND		ug/kg	50.3	5.51	1	A
Aroclor 1260	ND		ug/kg	50.3	9.30	1	A
Aroclor 1262	ND		ug/kg	50.3	6.39	1	A
Aroclor 1268	ND		ug/kg	50.3	5.22	1	A
PCBs, Total	ND		ug/kg	50.3	4.47	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-08
Client ID: SB-11 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 13:50
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/24/24 12:56
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 17:39
Cleanup Method: EPA 3665A
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.4	4.92	1	A
Aroclor 1221	ND		ug/kg	55.4	5.55	1	A
Aroclor 1232	ND		ug/kg	55.4	11.7	1	A
Aroclor 1242	ND		ug/kg	55.4	7.46	1	A
Aroclor 1248	ND		ug/kg	55.4	8.30	1	A
Aroclor 1254	ND		ug/kg	55.4	6.06	1	A
Aroclor 1260	ND		ug/kg	55.4	10.2	1	A
Aroclor 1262	ND		ug/kg	55.4	7.03	1	A
Aroclor 1268	ND		ug/kg	55.4	5.74	1	A
PCBs, Total	ND		ug/kg	55.4	4.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-09
Client ID: SB-4 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 14:10
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/24/24 13:04
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 17:39
Cleanup Method: EPA 3665A
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.6	4.76	1	A
Aroclor 1221	ND		ug/kg	53.6	5.37	1	A
Aroclor 1232	ND		ug/kg	53.6	11.4	1	A
Aroclor 1242	ND		ug/kg	53.6	7.22	1	A
Aroclor 1248	ND		ug/kg	53.6	8.03	1	A
Aroclor 1254	ND		ug/kg	53.6	5.86	1	A
Aroclor 1260	ND		ug/kg	53.6	9.90	1	A
Aroclor 1262	ND		ug/kg	53.6	6.80	1	A
Aroclor 1268	ND		ug/kg	53.6	5.55	1	A
PCBs, Total	ND		ug/kg	53.6	4.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-10
Client ID: SB-12 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 14:40
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/24/24 13:12
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 17:39
Cleanup Method: EPA 3665A
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.5	4.84	1	A
Aroclor 1221	ND		ug/kg	54.5	5.46	1	A
Aroclor 1232	ND		ug/kg	54.5	11.6	1	A
Aroclor 1242	ND		ug/kg	54.5	7.35	1	A
Aroclor 1248	ND		ug/kg	54.5	8.18	1	A
Aroclor 1254	ND		ug/kg	54.5	5.96	1	A
Aroclor 1260	ND		ug/kg	54.5	10.1	1	A
Aroclor 1262	ND		ug/kg	54.5	6.92	1	A
Aroclor 1268	ND		ug/kg	54.5	5.65	1	A
PCBs, Total	ND		ug/kg	54.5	4.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-11
Client ID: SB-10 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 15:00
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/26/24 11:56
Analyst: MHG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 12/24/24 05:08
Cleanup Method: EPA 3665A
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	62.2	5.52	1	A
Aroclor 1221	ND		ug/kg	62.2	6.23	1	A
Aroclor 1232	ND		ug/kg	62.2	13.2	1	A
Aroclor 1242	ND		ug/kg	62.2	8.39	1	A
Aroclor 1248	ND		ug/kg	62.2	9.33	1	A
Aroclor 1254	ND		ug/kg	62.2	6.81	1	A
Aroclor 1260	238	P	ug/kg	62.2	11.5	1	B
Aroclor 1262	ND		ug/kg	62.2	7.90	1	A
Aroclor 1268	ND		ug/kg	62.2	6.45	1	A
PCBs, Total	238		ug/kg	62.2	5.52	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	35		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-12
Client ID: SB-9 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 15:30
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/26/24 12:05
Analyst: MHG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 12/24/24 05:08
Cleanup Method: EPA 3665A
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.8	4.69	1	A
Aroclor 1221	ND		ug/kg	52.8	5.30	1	A
Aroclor 1232	ND		ug/kg	52.8	11.2	1	A
Aroclor 1242	ND		ug/kg	52.8	7.12	1	A
Aroclor 1248	ND		ug/kg	52.8	7.93	1	A
Aroclor 1254	ND		ug/kg	52.8	5.78	1	A
Aroclor 1260	ND		ug/kg	52.8	9.77	1	A
Aroclor 1262	ND		ug/kg	52.8	6.71	1	A
Aroclor 1268	ND		ug/kg	52.8	5.48	1	A
PCBs, Total	ND		ug/kg	52.8	4.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/24/24 12:02
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 12/23/24 13:27
Cleanup Method: EPA 3665A
Cleanup Date: 12/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05 Batch: WG2012799-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/24/24 10:05
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 12/23/24 17:37
Cleanup Method: EPA 3665A
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04,07-10 Batch: WG2012914-1						
Aroclor 1016	ND		ug/kg	47.3	4.20	A
Aroclor 1221	ND		ug/kg	47.3	4.74	A
Aroclor 1232	ND		ug/kg	47.3	10.0	A
Aroclor 1242	ND		ug/kg	47.3	6.38	A
Aroclor 1248	ND		ug/kg	47.3	7.10	A
Aroclor 1254	ND		ug/kg	47.3	5.18	A
Aroclor 1260	ND		ug/kg	47.3	8.74	A
Aroclor 1262	ND		ug/kg	47.3	6.01	A
Aroclor 1268	ND		ug/kg	47.3	4.90	A
PCBs, Total	ND		ug/kg	47.3	4.20	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/26/24 09:46
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 12/24/24 05:02
Cleanup Method: EPA 3665A
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 11-12 Batch: WG2013023-1						
Aroclor 1016	ND		ug/kg	46.6	4.14	A
Aroclor 1221	ND		ug/kg	46.6	4.67	A
Aroclor 1232	ND		ug/kg	46.6	9.89	A
Aroclor 1242	ND		ug/kg	46.6	6.29	A
Aroclor 1248	ND		ug/kg	46.6	7.00	A
Aroclor 1254	ND		ug/kg	46.6	5.10	A
Aroclor 1260	ND		ug/kg	46.6	8.62	A
Aroclor 1262	ND		ug/kg	46.6	5.92	A
Aroclor 1268	ND		ug/kg	46.6	4.83	A
PCBs, Total	ND		ug/kg	46.6	4.14	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	78		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05 Batch: WG2012799-2 WG2012799-3									
Aroclor 1016	76		72		40-140	6		50	A
Aroclor 1260	82		74		40-140	10		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		71		30-150	A
Decachlorobiphenyl	77		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		73		30-150	B
Decachlorobiphenyl	77		71		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04,07-10 Batch: WG2012914-2 WG2012914-3									
Aroclor 1016	84		78		40-140	7		50	A
Aroclor 1260	78		72		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		80		30-150	A
Decachlorobiphenyl	81		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		82		30-150	B
Decachlorobiphenyl	86		77		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 11-12 Batch: WG2013023-2 WG2013023-3									
Aroclor 1016	80		76		40-140	5		50	A
Aroclor 1260	81		76		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		77		30-150	A
Decachlorobiphenyl	78		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		80		30-150	B
Decachlorobiphenyl	81		77		30-150	B

PESTICIDES

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-01
Client ID: SB-14 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 10:15
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/26/24 15:12
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:51
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.338	1	A
Lindane	ND		ug/kg	0.719	0.321	1	A
Alpha-BHC	ND		ug/kg	0.719	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.654	1	A
Heptachlor	ND		ug/kg	0.862	0.387	1	A
Aldrin	ND		ug/kg	1.72	0.607	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.970	1	A
Endrin	ND		ug/kg	0.719	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.755	1	A
Endrin ketone	ND		ug/kg	1.72	0.444	1	A
Dieldrin	ND		ug/kg	1.08	0.539	1	A
4,4'-DDE	9.36		ug/kg	1.72	0.399	1	A
4,4'-DDD	ND		ug/kg	1.72	0.615	1	A
4,4'-DDT	4.89		ug/kg	1.72	1.39	1	B
Endosulfan I	ND		ug/kg	1.72	0.408	1	A
Endosulfan II	ND		ug/kg	1.72	0.576	1	A
Endosulfan sulfate	ND		ug/kg	0.719	0.342	1	A
Methoxychlor	ND		ug/kg	3.23	1.01	1	A
Toxaphene	ND		ug/kg	32.3	9.06	1	A
cis-Chlordane	ND		ug/kg	2.16	0.601	1	A
trans-Chlordane	ND		ug/kg	2.16	0.569	1	A
Chlordane	ND		ug/kg	14.4	5.71	1	A

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-01 Date Collected: 12/19/24 10:15

Client ID: SB-14 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	86		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-02
Client ID: SB-13 (1-1.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 10:35
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/26/24 15:24
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:51
Cleanup Method: EPA 3620B
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.331	1	A
Lindane	ND		ug/kg	0.705	0.315	1	A
Alpha-BHC	ND		ug/kg	0.705	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.642	1	A
Heptachlor	ND		ug/kg	0.846	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.596	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.952	1	A
Endrin	ND		ug/kg	0.705	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.740	1	A
Endrin ketone	ND		ug/kg	1.69	0.436	1	A
Dieldrin	ND		ug/kg	1.06	0.529	1	A
4,4'-DDE	0.752	J	ug/kg	1.69	0.391	1	A
4,4'-DDD	ND		ug/kg	1.69	0.604	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	ND		ug/kg	1.69	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.705	0.336	1	A
Methoxychlor	ND		ug/kg	3.17	0.987	1	A
Toxaphene	ND		ug/kg	31.7	8.88	1	A
cis-Chlordane	ND		ug/kg	2.12	0.590	1	A
trans-Chlordane	ND		ug/kg	2.12	0.558	1	A
Chlordane	ND		ug/kg	14.1	5.61	1	A

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-02 Date Collected: 12/19/24 10:35

Client ID: SB-13 (1-1.5) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	75		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-03
Client ID: SB-1 (3.5-4)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 11:10
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/26/24 15:35
Analyst: JAG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:51
Cleanup Method: EPA 3620B
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.354	1	B
Lindane	ND		ug/kg	0.752	0.336	1	B
Alpha-BHC	ND		ug/kg	0.752	0.214	1	B
Beta-BHC	ND		ug/kg	1.80	0.684	1	B
Heptachlor	ND		ug/kg	0.903	0.405	1	B
Aldrin	ND		ug/kg	1.80	0.636	1	B
Heptachlor epoxide	ND		ug/kg	3.38	1.02	1	B
Endrin	ND		ug/kg	0.752	0.308	1	B
Endrin aldehyde	ND		ug/kg	2.26	0.790	1	B
Endrin ketone	ND		ug/kg	1.80	0.465	1	B
Dieldrin	ND		ug/kg	1.13	0.564	1	B
4,4'-DDE	23.4	P	ug/kg	1.80	0.418	1	B
4,4'-DDD	ND		ug/kg	1.80	0.644	1	B
4,4'-DDT	95.8	P	ug/kg	1.80	1.45	1	B
Endosulfan I	ND		ug/kg	1.80	0.426	1	B
Endosulfan II	ND		ug/kg	1.80	0.603	1	B
Endosulfan sulfate	ND		ug/kg	0.752	0.358	1	B
Methoxychlor	ND		ug/kg	3.38	1.05	1	B
Toxaphene	ND		ug/kg	33.8	9.48	1	B
cis-Chlordane	ND		ug/kg	2.26	0.629	1	B
trans-Chlordane	ND		ug/kg	2.26	0.596	1	B
Chlordane	ND		ug/kg	15.0	5.98	1	B

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-03 Date Collected: 12/19/24 11:10

Client ID: SB-1 (3.5-4) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	**16**	Q	30-150	A
Decachlorobiphenyl	**1**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**154**	Q	30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-04
Client ID: SB-2 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 11:30
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/26/24 15:47
Analyst: JAG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:51
Cleanup Method: EPA 3620B
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.321	1	A
Lindane	ND		ug/kg	0.682	0.305	1	A
Alpha-BHC	ND		ug/kg	0.682	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.621	1	A
Heptachlor	ND		ug/kg	0.819	0.367	1	A
Aldrin	ND		ug/kg	1.64	0.577	1	A
Heptachlor epoxide	ND		ug/kg	3.07	0.921	1	A
Endrin	ND		ug/kg	0.682	0.280	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.716	1	A
Endrin ketone	ND		ug/kg	1.64	0.422	1	A
Dieldrin	ND		ug/kg	1.02	0.512	1	A
4,4'-DDE	ND		ug/kg	1.64	0.379	1	A
4,4'-DDD	ND		ug/kg	1.64	0.584	1	A
4,4'-DDT	ND		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.387	1	A
Endosulfan II	ND		ug/kg	1.64	0.547	1	A
Endosulfan sulfate	ND		ug/kg	0.682	0.325	1	A
Methoxychlor	ND		ug/kg	3.07	0.955	1	A
Toxaphene	ND		ug/kg	30.7	8.60	1	A
cis-Chlordane	ND		ug/kg	2.05	0.570	1	A
trans-Chlordane	ND		ug/kg	2.05	0.540	1	A
Chlordane	ND		ug/kg	13.6	5.42	1	A

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-04 Date Collected: 12/19/24 11:30

Client ID: SB-2 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	83		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-05
Client ID: TW-1
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 12:10
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/27/24 07:56
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 12/23/24 23:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	0.017	J	ug/l	0.029	0.003	1	A
4,4'-DDD	0.006	JIP	ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-05 Date Collected: 12/19/24 12:10

Client ID: TW-1 Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	**14**	Q	30-150	A
Decachlorobiphenyl	**10**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**14**	Q	30-150	B
Decachlorobiphenyl	**11**	Q	30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-05 RE
Client ID: TW-1
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 12:10
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/27/24 15:56
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 12/27/24 11:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	0.038		ug/l	0.029	0.003	1	B
4,4'-DDD	0.019	JIP	ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-05 RE
Client ID: TW-1
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 12:10
Date Received: 12/19/24
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	70		30-150	A
Decachlorobiphenyl	**20**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-07
Client ID: SB-3 (5-5.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 13:30
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/26/24 15:59
Analyst: JAG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:51
Cleanup Method: EPA 3620B
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.334	1	A
Lindane	ND		ug/kg	0.710	0.318	1	A
Alpha-BHC	ND		ug/kg	0.710	0.202	1	A
Beta-BHC	ND		ug/kg	1.70	0.647	1	A
Heptachlor	ND		ug/kg	0.853	0.382	1	A
Aldrin	ND		ug/kg	1.70	0.600	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.959	1	A
Endrin	ND		ug/kg	0.710	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.746	1	A
Endrin ketone	ND		ug/kg	1.70	0.439	1	A
Dieldrin	ND		ug/kg	1.06	0.533	1	A
4,4'-DDE	1.10	J	ug/kg	1.70	0.394	1	A
4,4'-DDD	ND		ug/kg	1.70	0.608	1	A
4,4'-DDT	ND		ug/kg	1.70	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.403	1	A
Endosulfan II	ND		ug/kg	1.70	0.570	1	A
Endosulfan sulfate	ND		ug/kg	0.710	0.338	1	A
Methoxychlor	ND		ug/kg	3.20	0.995	1	A
Toxaphene	ND		ug/kg	32.0	8.95	1	A
cis-Chlordane	26.2		ug/kg	2.13	0.594	1	B
trans-Chlordane	11.1	IP	ug/kg	2.13	0.563	1	A
Chlordane	70.1	IP	ug/kg	14.2	5.65	1	A

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-07 Date Collected: 12/19/24 13:30

Client ID: SB-3 (5-5.5) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	69		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-08
Client ID: SB-11 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 13:50
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/26/24 16:11
Analyst: JAG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:51
Cleanup Method: EPA 3620B
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.743	0.332	1	A
Alpha-BHC	ND		ug/kg	0.743	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.676	1	A
Heptachlor	ND		ug/kg	0.892	0.400	1	A
Aldrin	ND		ug/kg	1.78	0.628	1	A
Heptachlor epoxide	ND		ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.743	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.780	1	A
Endrin ketone	ND		ug/kg	1.78	0.459	1	A
Dieldrin	ND		ug/kg	1.11	0.557	1	A
4,4'-DDE	0.881	J	ug/kg	1.78	0.412	1	B
4,4'-DDD	ND		ug/kg	1.78	0.636	1	A
4,4'-DDT	ND		ug/kg	1.78	1.43	1	B
Endosulfan I	ND		ug/kg	1.78	0.421	1	A
Endosulfan II	ND		ug/kg	1.78	0.596	1	A
Endosulfan sulfate	ND		ug/kg	0.743	0.354	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.36	1	A
cis-Chlordane	ND		ug/kg	2.23	0.621	1	A
trans-Chlordane	ND		ug/kg	2.23	0.588	1	A
Chlordane	ND		ug/kg	14.8	5.91	1	A

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-08 Date Collected: 12/19/24 13:50

Client ID: SB-11 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	76		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-09
Client ID: SB-4 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 14:10
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/26/24 16:23
Analyst: JAG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:51
Cleanup Method: EPA 3620B
Cleanup Date: 12/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.357	1	A
Lindane	ND		ug/kg	0.759	0.339	1	A
Alpha-BHC	ND		ug/kg	0.759	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.690	1	A
Heptachlor	ND		ug/kg	0.910	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.641	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.759	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.797	1	A
Endrin ketone	ND		ug/kg	1.82	0.469	1	A
Dieldrin	ND		ug/kg	1.14	0.569	1	A
4,4'-DDE	1.77	J	ug/kg	1.82	0.421	1	B
4,4'-DDD	ND		ug/kg	1.82	0.649	1	A
4,4'-DDT	1.94		ug/kg	1.82	1.46	1	B
Endosulfan I	ND		ug/kg	1.82	0.430	1	A
Endosulfan II	ND		ug/kg	1.82	0.608	1	A
Endosulfan sulfate	ND		ug/kg	0.759	0.361	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.56	1	A
cis-Chlordane	0.745	J	ug/kg	2.28	0.634	1	B
trans-Chlordane	2.06	JIP	ug/kg	2.28	0.601	1	A
Chlordane	ND		ug/kg	15.2	6.03	1	A

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-09 Date Collected: 12/19/24 14:10

Client ID: SB-4 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	90		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-10
Client ID: SB-12 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 14:40
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/26/24 16:35
Analyst: JAG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:51
Cleanup Method: EPA 3620B
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.718	0.321	1	A
Alpha-BHC	ND		ug/kg	0.718	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.653	1	A
Heptachlor	ND		ug/kg	0.861	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.606	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.969	1	A
Endrin	ND		ug/kg	0.718	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.753	1	A
Endrin ketone	ND		ug/kg	1.72	0.443	1	A
Dieldrin	ND		ug/kg	1.08	0.538	1	A
4,4'-DDE	2.56		ug/kg	1.72	0.398	1	B
4,4'-DDD	ND		ug/kg	1.72	0.614	1	B
4,4'-DDT	2.70		ug/kg	1.72	1.38	1	B
Endosulfan I	ND		ug/kg	1.72	0.407	1	A
Endosulfan II	ND		ug/kg	1.72	0.576	1	A
Endosulfan sulfate	ND		ug/kg	0.718	0.342	1	A
Methoxychlor	ND		ug/kg	3.23	1.00	1	A
Toxaphene	ND		ug/kg	32.3	9.04	1	A
cis-Chlordane	ND		ug/kg	2.15	0.600	1	A
trans-Chlordane	ND		ug/kg	2.15	0.568	1	A
Chlordane	ND		ug/kg	14.4	5.70	1	A

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-10 Date Collected: 12/19/24 14:40

Client ID: SB-12 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	68		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-11
Client ID: SB-10 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 15:00
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/26/24 16:46
Analyst: JAG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:51
Cleanup Method: EPA 3620B
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.393	1	B
Lindane	ND		ug/kg	0.836	0.374	1	B
Alpha-BHC	ND		ug/kg	0.836	0.237	1	B
Beta-BHC	ND		ug/kg	2.00	0.760	1	B
Heptachlor	ND		ug/kg	1.00	0.450	1	B
Aldrin	ND		ug/kg	2.00	0.706	1	B
Heptachlor epoxide	ND		ug/kg	3.76	1.13	1	B
Endrin	ND		ug/kg	0.836	0.343	1	B
Endrin aldehyde	ND		ug/kg	2.51	0.878	1	B
Endrin ketone	ND		ug/kg	2.00	0.516	1	B
Dieldrin	ND		ug/kg	1.25	0.627	1	B
4,4'-DDE	2360	PE	ug/kg	2.00	0.464	1	B
4,4'-DDD	2890	PE	ug/kg	2.00	0.715	1	B
4,4'-DDT	2750	PE	ug/kg	2.00	1.61	1	B
Endosulfan I	ND		ug/kg	2.00	0.474	1	B
Endosulfan II	ND		ug/kg	2.00	0.670	1	B
Endosulfan sulfate	ND		ug/kg	0.836	0.398	1	B
Methoxychlor	ND		ug/kg	3.76	1.17	1	B
Toxaphene	ND		ug/kg	37.6	10.5	1	B
cis-Chlordane	ND		ug/kg	2.51	0.699	1	B
trans-Chlordane	ND		ug/kg	2.51	0.662	1	B
Chlordane	ND		ug/kg	16.7	6.64	1	B

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-11 Date Collected: 12/19/24 15:00

Client ID: SB-10 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	**19**	Q	30-150	A
Decachlorobiphenyl	**13**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-11 D
Client ID: SB-10 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 15:00
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/27/24 11:17
Analyst: JAG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:51
Cleanup Method: EPA 3620B
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDE	2070		ug/kg	40.1	9.28	20	B
4,4'-DDD	2780		ug/kg	40.1	14.3	20	B
4,4'-DDT	2800		ug/kg	40.1	32.3	20	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-12
Client ID: SB-9 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 15:30
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/26/24 16:58
Analyst: JAG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 04:51
Cleanup Method: EPA 3620B
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.342	1	A
Lindane	ND		ug/kg	0.729	0.326	1	A
Alpha-BHC	ND		ug/kg	0.729	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.663	1	A
Heptachlor	ND		ug/kg	0.874	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.616	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.984	1	A
Endrin	ND		ug/kg	0.729	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.765	1	A
Endrin ketone	ND		ug/kg	1.75	0.450	1	A
Dieldrin	ND		ug/kg	1.09	0.546	1	A
4,4'-DDE	ND		ug/kg	1.75	0.404	1	A
4,4'-DDD	ND		ug/kg	1.75	0.624	1	A
4,4'-DDT	ND		ug/kg	1.75	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.413	1	A
Endosulfan II	ND		ug/kg	1.75	0.584	1	A
Endosulfan sulfate	ND		ug/kg	0.729	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.18	1	A
cis-Chlordane	ND		ug/kg	2.19	0.609	1	A
trans-Chlordane	ND		ug/kg	2.19	0.577	1	A
Chlordane	ND		ug/kg	14.6	5.79	1	A

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-12 Date Collected: 12/19/24 15:30

Client ID: SB-9 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	73		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/26/24 14:36
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 12/23/24 00:37
Cleanup Method: EPA 3620B
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04,07-12 Batch: WG2012496-1						
Delta-BHC	ND		ug/kg	1.50	0.295	A
Lindane	ND		ug/kg	0.627	0.280	A
Alpha-BHC	ND		ug/kg	0.627	0.178	A
Beta-BHC	ND		ug/kg	1.50	0.570	A
Heptachlor	ND		ug/kg	0.752	0.337	A
Aldrin	ND		ug/kg	1.50	0.530	A
Heptachlor epoxide	ND		ug/kg	2.82	0.846	A
Endrin	ND		ug/kg	0.627	0.257	A
Endrin aldehyde	ND		ug/kg	1.88	0.658	A
Endrin ketone	ND		ug/kg	1.50	0.387	A
Dieldrin	ND		ug/kg	0.940	0.470	A
4,4'-DDE	ND		ug/kg	1.50	0.348	A
4,4'-DDD	ND		ug/kg	1.50	0.537	A
4,4'-DDT	ND		ug/kg	1.50	1.21	A
Endosulfan I	ND		ug/kg	1.50	0.355	A
Endosulfan II	ND		ug/kg	1.50	0.503	A
Endosulfan sulfate	ND		ug/kg	0.627	0.298	A
Methoxychlor	ND		ug/kg	2.82	0.878	A
Toxaphene	ND		ug/kg	28.2	7.90	A
cis-Chlordane	ND		ug/kg	1.88	0.524	A
trans-Chlordane	ND		ug/kg	1.88	0.496	A
Chlordane	ND		ug/kg	12.5	4.98	A

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/26/24 14:36
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 12/23/24 00:37
Cleanup Method: EPA 3620B
Cleanup Date: 12/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04,07-12 Batch: WG2012496-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/24/24 14:59
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 12/23/24 06:35

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05 Batch: WG2012559-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/24/24 14:59
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 12/23/24 06:35

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05 Batch: WG2012559-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/27/24 15:20
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 12/27/24 11:03

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05 Batch: WG2014117-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/27/24 15:20
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 12/27/24 11:03

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05 Batch: WG2014117-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	69		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04,07-12 Batch: WG2012496-2 WG2012496-3									
Delta-BHC	85		86		30-150	1		30	A
Lindane	82		87		30-150	6		30	A
Alpha-BHC	80		83		30-150	4		30	A
Beta-BHC	78		81		30-150	4		30	A
Heptachlor	79		81		30-150	3		30	A
Aldrin	82		86		30-150	5		30	A
Heptachlor epoxide	74		76		30-150	3		30	A
Endrin	87		89		30-150	2		30	A
Endrin aldehyde	62		64		30-150	3		30	A
Endrin ketone	89		90		30-150	1		30	A
Dieldrin	83		84		30-150	1		30	A
4,4'-DDE	84		85		30-150	1		30	A
4,4'-DDD	94		95		30-150	1		30	A
4,4'-DDT	82		84		30-150	2		30	A
Endosulfan I	82		82		30-150	0		30	A
Endosulfan II	85		86		30-150	1		30	A
Endosulfan sulfate	84		85		30-150	1		30	A
Methoxychlor	82		82		30-150	0		30	A
cis-Chlordane	76		78		30-150	3		30	A
trans-Chlordane	79		79		30-150	0		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04,07-12 Batch: WG2012496-2 WG2012496-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		71		30-150	A
Decachlorobiphenyl	60		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		76		30-150	B
Decachlorobiphenyl	72		72		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05 Batch: WG2012559-2 WG2012559-3									
Delta-BHC	48		47		30-150	2		20	A
Lindane	66		63		30-150	5		20	A
Alpha-BHC	66		63		30-150	4		20	A
Beta-BHC	61		62		30-150	0		20	A
Heptachlor	64		61		30-150	5		20	A
Aldrin	66		62		30-150	6		20	A
Heptachlor epoxide	66		61		30-150	7		20	A
Endrin	68		66		30-150	4		20	A
Endrin aldehyde	57		56		30-150	1		20	A
Endrin ketone	69		68		30-150	1		20	A
Dieldrin	78		70		30-150	10		20	A
4,4'-DDE	68		64		30-150	6		20	A
4,4'-DDD	73		68		30-150	7		20	A
4,4'-DDT	67		63		30-150	7		20	A
Endosulfan I	66		62		30-150	6		20	A
Endosulfan II	69		67		30-150	4		20	A
Endosulfan sulfate	61		60		30-150	2		20	A
Methoxychlor	68		64		30-150	5		20	A
cis-Chlordane	63		60		30-150	6		20	A
trans-Chlordane	74		69		30-150	7		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05 Batch: WG2012559-2 WG2012559-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		55		30-150	A
Decachlorobiphenyl	60		48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		57		30-150	B
Decachlorobiphenyl	66		54		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05 Batch: WG2014117-2 WG2014117-3									
Delta-BHC	76		68		30-150	12		20	A
Lindane	92		81		30-150	13		20	A
Alpha-BHC	92		81		30-150	12		20	A
Beta-BHC	92		78		30-150	17		20	A
Heptachlor	91		81		30-150	12		20	A
Aldrin	92		81		30-150	13		20	A
Heptachlor epoxide	91		80		30-150	13		20	A
Endrin	94		83		30-150	12		20	A
Endrin aldehyde	81		72		30-150	12		20	A
Endrin ketone	97		85		30-150	13		20	A
Dieldrin	92		80		30-150	13		20	A
4,4'-DDE	90		78		30-150	14		20	A
4,4'-DDD	104		92		30-150	12		20	A
4,4'-DDT	85		77		30-150	10		20	A
Endosulfan I	89		78		30-150	13		20	A
Endosulfan II	94		83		30-150	13		20	A
Endosulfan sulfate	87		77		30-150	12		20	A
Methoxychlor	89		80		30-150	11		20	A
cis-Chlordane	83		73		30-150	13		20	A
trans-Chlordane	96		85		30-150	12		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

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

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05 Batch: WG2014117-2 WG2014117-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		75		30-150	A
Decachlorobiphenyl	41		40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		76		30-150	B
Decachlorobiphenyl	73		71		30-150	B

METALS

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-01
Client ID: SB-14 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/19/24 10:15
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11600		mg/kg	8.27	2.23	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.14	0.314	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Arsenic, Total	1.90		mg/kg	0.827	0.172	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Barium, Total	67.4		mg/kg	0.827	0.144	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.304	J	mg/kg	0.414	0.027	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.158	J	mg/kg	0.827	0.081	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Calcium, Total	1200		mg/kg	8.27	2.90	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Chromium, Total	14.0		mg/kg	0.827	0.079	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.85		mg/kg	1.65	0.137	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Copper, Total	39.4		mg/kg	0.827	0.213	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Iron, Total	16100		mg/kg	4.14	0.747	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Lead, Total	3.21	J	mg/kg	4.14	0.222	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Magnesium, Total	4750		mg/kg	8.27	1.27	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Manganese, Total	304		mg/kg	0.827	0.132	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.076	0.049	1	12/26/24 16:10	12/26/24 23:26	EPA 7471B	1,7471B	MJR
Nickel, Total	8.04		mg/kg	2.07	0.200	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Potassium, Total	2740		mg/kg	207	11.9	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.65	0.213	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.414	0.234	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Sodium, Total	100	J	mg/kg	165	2.61	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.65	0.261	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Vanadium, Total	19.8		mg/kg	0.827	0.168	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC
Zinc, Total	51.8		mg/kg	4.14	0.242	2	12/27/24 03:11	12/27/24 10:42	EPA 3050B	1,6010D	DMC

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-02
Client ID: SB-13 (1-1.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/19/24 10:35
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9730		mg/kg	17.4	4.71	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Antimony, Total	4.08	J	mg/kg	8.72	0.663	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Arsenic, Total	13.1		mg/kg	1.74	0.363	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Barium, Total	96.5		mg/kg	1.74	0.304	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.538	J	mg/kg	0.872	0.058	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.583	J	mg/kg	1.74	0.171	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Calcium, Total	22300		mg/kg	17.4	6.11	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Chromium, Total	27.4		mg/kg	1.74	0.168	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Cobalt, Total	7.85		mg/kg	3.49	0.290	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Copper, Total	49.3		mg/kg	1.74	0.450	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Iron, Total	50000		mg/kg	8.72	1.58	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Lead, Total	108		mg/kg	8.72	0.468	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Magnesium, Total	3700		mg/kg	17.4	2.69	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Manganese, Total	313		mg/kg	1.74	0.277	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Mercury, Total	0.117		mg/kg	0.072	0.047	1	12/26/24 16:10	12/26/24 23:30	EPA 7471B	1,7471B	MJR
Nickel, Total	16.2		mg/kg	4.36	0.422	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Potassium, Total	1410		mg/kg	436	25.1	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	3.49	0.450	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.872	0.494	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Sodium, Total	350		mg/kg	349	5.50	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	3.49	0.550	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Vanadium, Total	24.3		mg/kg	1.74	0.354	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC
Zinc, Total	97.9		mg/kg	8.72	0.511	4	12/27/24 03:11	12/27/24 12:36	EPA 3050B	1,6010D	DMC

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-03
Client ID: SB-1 (3.5-4)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/19/24 11:10
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	5460		mg/kg	9.26	2.50	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Antimony, Total	0.894	J	mg/kg	4.63	0.352	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Arsenic, Total	14.8		mg/kg	0.926	0.192	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Barium, Total	89.7		mg/kg	0.926	0.161	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.288	J	mg/kg	0.463	0.031	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.606	J	mg/kg	0.926	0.091	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Calcium, Total	45000		mg/kg	9.26	3.24	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Chromium, Total	11.4		mg/kg	0.926	0.089	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.51		mg/kg	1.85	0.154	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Copper, Total	33.1		mg/kg	0.926	0.239	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Iron, Total	13100		mg/kg	4.63	0.836	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Lead, Total	281		mg/kg	4.63	0.248	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Magnesium, Total	8550		mg/kg	9.26	1.42	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Manganese, Total	176		mg/kg	0.926	0.147	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Mercury, Total	0.099		mg/kg	0.080	0.052	1	12/26/24 16:10	12/26/24 23:33	EPA 7471B	1,7471B	MJR
Nickel, Total	7.70		mg/kg	2.31	0.224	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Potassium, Total	588		mg/kg	231	13.3	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Selenium, Total	0.793	J	mg/kg	1.85	0.239	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.463	0.262	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Sodium, Total	411		mg/kg	185	2.92	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Thallium, Total	0.401	J	mg/kg	1.85	0.292	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Vanadium, Total	19.7		mg/kg	0.926	0.188	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC
Zinc, Total	349		mg/kg	4.63	0.271	2	12/27/24 03:11	12/27/24 10:52	EPA 3050B	1,6010D	DMC

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-04
Client ID: SB-2 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/19/24 11:30
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16000		mg/kg	8.22	2.22	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Antimony, Total	0.514	J	mg/kg	4.11	0.312	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Arsenic, Total	3.33		mg/kg	0.822	0.171	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Barium, Total	71.6		mg/kg	0.822	0.143	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.487		mg/kg	0.411	0.027	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.218	J	mg/kg	0.822	0.081	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Calcium, Total	1380		mg/kg	8.22	2.88	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Chromium, Total	12.2		mg/kg	0.822	0.079	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Cobalt, Total	7.58		mg/kg	1.64	0.136	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Copper, Total	18.5		mg/kg	0.822	0.212	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Iron, Total	19700		mg/kg	4.11	0.742	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Lead, Total	18.5		mg/kg	4.11	0.220	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Magnesium, Total	4170		mg/kg	8.22	1.26	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Manganese, Total	295		mg/kg	0.822	0.131	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Mercury, Total	0.068	J	mg/kg	0.069	0.045	1	12/26/24 16:10	12/26/24 23:36	EPA 7471B	1,7471B	MJR
Nickel, Total	8.99		mg/kg	2.05	0.199	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Potassium, Total	1680		mg/kg	205	11.8	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.64	0.212	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.411	0.232	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Sodium, Total	279		mg/kg	164	2.59	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.64	0.259	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Vanadium, Total	27.7		mg/kg	0.822	0.167	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC
Zinc, Total	52.0		mg/kg	4.11	0.241	2	12/27/24 03:11	12/27/24 10:57	EPA 3050B	1,6010D	DMC

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-05 Date Collected: 12/19/24 12:10

Client ID: TW-1 Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3.00		mg/l	0.0100	0.00327	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Antimony, Total	0.00235	J	mg/l	0.00400	0.00042	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.01444		mg/l	0.00050	0.00016	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Barium, Total	0.1399		mg/l	0.00050	0.00017	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Beryllium, Total	0.00025	J	mg/l	0.00050	0.00010	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00043		mg/l	0.00020	0.00005	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Calcium, Total	178.		mg/l	0.100	0.0394	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Chromium, Total	0.01667		mg/l	0.00100	0.00017	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00286		mg/l	0.00050	0.00016	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Copper, Total	0.05200		mg/l	0.00100	0.00038	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Iron, Total	7.43		mg/l	0.0500	0.0191	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Lead, Total	0.1429		mg/l	0.00100	0.00034	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Magnesium, Total	42.5		mg/l	0.0700	0.0242	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Manganese, Total	0.2228		mg/l	0.00100	0.00044	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Mercury, Total	0.00019	J	mg/l	0.00020	0.00009	1	12/26/24 19:38	12/27/24 09:14	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00641		mg/l	0.00200	0.00055	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Potassium, Total	5.14		mg/l	0.100	0.0309	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Selenium, Total	0.0398		mg/l	0.00500	0.00173	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Silver, Total	0.00029	J	mg/l	0.00040	0.00016	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Sodium, Total	174.		mg/l	0.500	0.0293	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Thallium, Total	0.00059	J	mg/l	0.00100	0.00014	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Vanadium, Total	0.01164		mg/l	0.00500	0.00157	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB
Zinc, Total	0.1203		mg/l	0.01000	0.00341	1	12/26/24 14:56	12/27/24 10:05	EPA 3005A	1,6020B	NTB

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-07
Client ID: SB-3 (5-5.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/19/24 13:30
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13200		mg/kg	8.64	2.33	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Antimony, Total	0.738	J	mg/kg	4.32	0.328	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.59		mg/kg	0.864	0.180	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Barium, Total	158		mg/kg	0.864	0.150	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.290	J	mg/kg	0.432	0.029	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.207	J	mg/kg	0.864	0.085	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Calcium, Total	8820		mg/kg	8.64	3.02	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Chromium, Total	17.6		mg/kg	0.864	0.083	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Cobalt, Total	13.9		mg/kg	1.73	0.143	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Copper, Total	94.9		mg/kg	0.864	0.223	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Iron, Total	19800		mg/kg	4.32	0.780	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Lead, Total	14.7		mg/kg	4.32	0.232	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Magnesium, Total	9920		mg/kg	8.64	1.33	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Manganese, Total	225		mg/kg	0.864	0.137	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.081	0.053	1	12/26/24 16:10	12/26/24 23:39	EPA 7471B	1,7471B	MJR
Nickel, Total	16.0		mg/kg	2.16	0.209	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Potassium, Total	4560		mg/kg	216	12.4	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.73	0.223	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.432	0.244	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Sodium, Total	194		mg/kg	173	2.72	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Thallium, Total	0.606	J	mg/kg	1.73	0.272	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Vanadium, Total	41.4		mg/kg	0.864	0.175	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC
Zinc, Total	70.1		mg/kg	4.32	0.253	2	12/27/24 03:11	12/27/24 11:02	EPA 3050B	1,6010D	DMC

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-08
Client ID: SB-11 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/19/24 13:50
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Total Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Total	11300		mg/kg	9.16	2.47	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Antimony, Total	6.16		mg/kg	4.58	0.348	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Arsenic, Total	8.82		mg/kg	0.916	0.190	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Barium, Total	132		mg/kg	0.916	0.159	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.572		mg/kg	0.458	0.030	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.474	J	mg/kg	0.916	0.090	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Calcium, Total	5140		mg/kg	9.16	3.21	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Chromium, Total	13.4		mg/kg	0.916	0.088	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.65		mg/kg	1.83	0.152	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Copper, Total	68.4		mg/kg	0.916	0.236	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Iron, Total	18600		mg/kg	4.58	0.827	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Lead, Total	286		mg/kg	4.58	0.246	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Magnesium, Total	2960		mg/kg	9.16	1.41	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Manganese, Total	293		mg/kg	0.916	0.146	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Mercury, Total	0.389		mg/kg	0.089	0.058	1	12/26/24 16:10	12/26/24 23:43	EPA 7471B	1,7471B	MJR
Nickel, Total	13.9		mg/kg	2.29	0.222	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Potassium, Total	791		mg/kg	229	13.2	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Selenium, Total	0.526	J	mg/kg	1.83	0.236	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.458	0.259	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Sodium, Total	109	J	mg/kg	183	2.88	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.83	0.288	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Vanadium, Total	27.7		mg/kg	0.916	0.186	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC
Zinc, Total	127		mg/kg	4.58	0.268	2	12/27/24 03:11	12/27/24 11:07	EPA 3050B	1,6010D	DMC

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-09
Client ID: SB-4 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/19/24 14:10
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9580		mg/kg	9.11	2.46	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.56	0.346	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.60		mg/kg	0.911	0.190	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Barium, Total	89.7		mg/kg	0.911	0.158	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.274	J	mg/kg	0.456	0.030	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.111	J	mg/kg	0.911	0.089	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Calcium, Total	2370		mg/kg	9.11	3.19	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Chromium, Total	45.5		mg/kg	0.911	0.088	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Cobalt, Total	8.81		mg/kg	1.82	0.151	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Copper, Total	16.7		mg/kg	0.911	0.235	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Iron, Total	13100		mg/kg	4.56	0.823	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Lead, Total	8.24		mg/kg	4.56	0.244	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Magnesium, Total	6380		mg/kg	9.11	1.40	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Manganese, Total	273		mg/kg	0.911	0.145	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Mercury, Total	0.074	J	mg/kg	0.076	0.050	1	12/26/24 16:10	12/26/24 23:46	EPA 7471B	1,7471B	MJR
Nickel, Total	21.5		mg/kg	2.28	0.220	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Potassium, Total	2510		mg/kg	228	13.1	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.82	0.235	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.456	0.258	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Sodium, Total	131	J	mg/kg	182	2.87	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.82	0.287	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Vanadium, Total	21.2		mg/kg	0.911	0.185	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC
Zinc, Total	39.1		mg/kg	4.56	0.267	2	12/27/24 03:11	12/27/24 11:55	EPA 3050B	1,6010D	DMC

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-10
Client ID: SB-12 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/19/24 14:40
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	34400		mg/kg	8.56	2.31	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Antimony, Total	1.19	J	mg/kg	4.28	0.325	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Arsenic, Total	1.19		mg/kg	0.856	0.178	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Barium, Total	564		mg/kg	0.856	0.149	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.332	J	mg/kg	0.428	0.028	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.557	J	mg/kg	0.856	0.084	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Calcium, Total	1430		mg/kg	8.56	3.00	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Chromium, Total	61.1		mg/kg	0.856	0.082	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Cobalt, Total	20.6		mg/kg	1.71	0.142	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Copper, Total	3.31		mg/kg	0.856	0.221	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Iron, Total	41600		mg/kg	4.28	0.773	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Lead, Total	2.70	J	mg/kg	4.28	0.229	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Magnesium, Total	18900		mg/kg	8.56	1.32	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Manganese, Total	2540		mg/kg	1.71	0.272	4	12/27/24 03:11	12/27/24 13:32	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.090	0.059	1	12/26/24 16:10	12/26/24 23:49	EPA 7471B	1,7471B	MJR
Nickel, Total	20.7		mg/kg	2.14	0.207	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Potassium, Total	19700		mg/kg	214	12.3	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Selenium, Total	0.337	J	mg/kg	1.71	0.221	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.428	0.242	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Sodium, Total	393		mg/kg	171	2.70	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Thallium, Total	2.04	J	mg/kg	3.42	0.539	4	12/27/24 03:11	12/27/24 13:32	EPA 3050B	1,6010D	DMC
Vanadium, Total	107		mg/kg	0.856	0.174	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC
Zinc, Total	209		mg/kg	4.28	0.251	2	12/27/24 03:11	12/27/24 12:00	EPA 3050B	1,6010D	DMC

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-11
Client ID: SB-10 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/19/24 15:00
Date Received: 12/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4940		mg/kg	10.1	2.72	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Antimony, Total	1.24	J	mg/kg	5.04	0.383	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Arsenic, Total	12.5		mg/kg	1.01	0.210	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Barium, Total	63.0		mg/kg	1.01	0.175	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.216	J	mg/kg	0.504	0.033	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.408	J	mg/kg	1.01	0.099	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Calcium, Total	8100		mg/kg	10.1	3.52	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Chromium, Total	7.89		mg/kg	1.01	0.097	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.14		mg/kg	2.01	0.167	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Copper, Total	34.2		mg/kg	1.01	0.260	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Iron, Total	12100		mg/kg	5.04	0.910	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Lead, Total	61.6		mg/kg	5.04	0.270	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Magnesium, Total	4710		mg/kg	10.1	1.55	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Manganese, Total	153		mg/kg	1.01	0.160	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Mercury, Total	0.134		mg/kg	0.089	0.058	1	12/26/24 16:10	12/26/24 23:59	EPA 7471B	1,7471B	MJR
Nickel, Total	6.50		mg/kg	2.52	0.244	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Potassium, Total	1070		mg/kg	252	14.5	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Selenium, Total	0.422	J	mg/kg	2.01	0.260	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.504	0.285	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Sodium, Total	189	J	mg/kg	201	3.17	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	2.01	0.317	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Vanadium, Total	21.1		mg/kg	1.01	0.204	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC
Zinc, Total	78.3		mg/kg	5.04	0.295	2	12/27/24 03:11	12/27/24 12:05	EPA 3050B	1,6010D	DMC

Project Name: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-12 Date Collected: 12/19/24 15:30

Client ID: SB-9 (0.5-1) Date Received: 12/19/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11800		mg/kg	8.75	2.36	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Antimony, Total	0.697	J	mg/kg	4.38	0.333	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Arsenic, Total	6.15		mg/kg	0.875	0.182	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Barium, Total	118		mg/kg	0.875	0.152	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.452		mg/kg	0.438	0.029	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.460	J	mg/kg	0.875	0.086	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Calcium, Total	11900		mg/kg	8.75	3.06	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Chromium, Total	11.9		mg/kg	0.875	0.084	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Cobalt, Total	10.3		mg/kg	1.75	0.145	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Copper, Total	71.1		mg/kg	0.875	0.226	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Iron, Total	20000		mg/kg	4.38	0.790	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Lead, Total	39.1		mg/kg	4.38	0.234	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Magnesium, Total	5860		mg/kg	8.75	1.35	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Manganese, Total	484		mg/kg	0.875	0.139	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Mercury, Total	0.134		mg/kg	0.083	0.054	1	12/26/24 16:10	12/27/24 00:02	EPA 7471B	1,7471B	MJR
Nickel, Total	16.3		mg/kg	2.19	0.212	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Potassium, Total	2390		mg/kg	219	12.6	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.75	0.226	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.438	0.248	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Sodium, Total	288		mg/kg	175	2.76	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.75	0.276	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Vanadium, Total	31.4		mg/kg	0.875	0.178	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC
Zinc, Total	186		mg/kg	4.38	0.256	2	12/27/24 03:11	12/27/24 12:10	EPA 3050B	1,6010D	DMC

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

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): 01-04,07-12 Batch: WG2013628-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Iron, Total	0.823	J	mg/kg	2.00	0.361	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Manganese, Total	0.101	J	mg/kg	0.400	0.064	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Sodium, Total	ND		mg/kg	80.0	1.26	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	12/27/24 03:11	12/27/24 08:59	1,6010D	DMC

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): 01-04,07-12 Batch: WG2013631-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/26/24 16:10	12/26/24 18:11	1,7471B	MJR

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05 Batch: WG2013667-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Chromium, Total	0.00033	J	mg/l	0.00100	0.00017	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Sodium, Total	ND		mg/l	0.500	0.0293	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/26/24 14:56	12/27/24 09:33	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

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): 05 Batch: WG2013668-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/26/24 19:38	12/27/24 09:08	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04,07-12 Batch: WG2013628-2								
Aluminum, Total	114		-		80-120	-		
Antimony, Total	109		-		80-120	-		
Arsenic, Total	105		-		80-120	-		
Barium, Total	111		-		80-120	-		
Beryllium, Total	115		-		80-120	-		
Cadmium, Total	107		-		80-120	-		
Calcium, Total	115		-		80-120	-		
Chromium, Total	112		-		80-120	-		
Cobalt, Total	108		-		80-120	-		
Copper, Total	113		-		80-120	-		
Iron, Total	116		-		80-120	-		
Lead, Total	108		-		80-120	-		
Magnesium, Total	110		-		80-120	-		
Manganese, Total	112		-		80-120	-		
Nickel, Total	109		-		80-120	-		
Potassium, Total	116		-		80-120	-		
Selenium, Total	104		-		80-120	-		
Silver, Total	110		-		80-120	-		
Sodium, Total	114		-		80-120	-		
Thallium, Total	110		-		80-120	-		
Vanadium, Total	111		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04,07-12 Batch: WG2013628-2					
Zinc, Total	106	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04,07-12 Batch: WG2013631-2					
Mercury, Total	88	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG2013667-2					
Aluminum, Total	94	-	80-120	-	
Antimony, Total	91	-	80-120	-	
Arsenic, Total	92	-	80-120	-	
Barium, Total	96	-	80-120	-	
Beryllium, Total	97	-	80-120	-	
Cadmium, Total	94	-	80-120	-	
Calcium, Total	92	-	80-120	-	
Chromium, Total	94	-	80-120	-	
Cobalt, Total	97	-	80-120	-	
Copper, Total	97	-	80-120	-	
Iron, Total	103	-	80-120	-	
Lead, Total	95	-	80-120	-	
Magnesium, Total	92	-	80-120	-	
Manganese, Total	96	-	80-120	-	
Nickel, Total	95	-	80-120	-	
Potassium, Total	88	-	80-120	-	
Selenium, Total	92	-	80-120	-	
Silver, Total	104	-	80-120	-	
Sodium, Total	97	-	80-120	-	
Thallium, Total	94	-	80-120	-	
Vanadium, Total	92	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG2013667-2					
Zinc, Total	94	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG2013668-2					
Mercury, Total	99	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

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): 01-04,07-12 QC Batch ID: WG2013628-3 WG2013628-4 QC Sample: L2475137-02 Client ID: MS Sample												
Aluminum, Total	8460	172	9280	**476**	Q	9380	**536**	Q	75-125	1		20
Antimony, Total	0.511J	43	44.9	104		45.0	105		75-125	0		20
Arsenic, Total	11.6	10.3	18.8	**70**	Q	21.1	92		75-125	12		20
Barium, Total	45.3	172	221	102		222	103		75-125	0		20
Beryllium, Total	0.414J	4.3	5.05	117		4.98	116		75-125	1		20
Cadmium, Total	0.245J	4.56	4.88	107		4.94	108		75-125	1		20
Calcium, Total	1540	861	2540	116		2630	**127**	Q	75-125	3		20
Chromium, Total	23.1	17.2	41.8	108		40.6	102		75-125	3		20
Cobalt, Total	6.32	43	49.2	100		49.5	101		75-125	1		20
Copper, Total	23.4	21.5	89.9	**309**	Q	60.4	**172**	Q	75-125	**39**	Q	20
Iron, Total	13000	86.1	15000	**2320**	Q	14000	**1160**	Q	75-125	7		20
Lead, Total	55.6	45.6	74.3	**41**	Q	88.1	**71**	Q	75-125	17		20
Magnesium, Total	1800	861	2760	111		2840	121		75-125	3		20
Manganese, Total	239	43	257	**42**	Q	316	**179**	Q	75-125	**21**	Q	20
Nickel, Total	12.9	43	57.2	103		58.1	105		75-125	2		20
Potassium, Total	661	861	1990	**154**	Q	1780	**130**	Q	75-125	11		20
Selenium, Total	0.330J	10.3	10.5	102		10.5	102		75-125	0		20
Silver, Total	ND	4.3	4.34	101		4.38	102		75-125	1		20
Sodium, Total	275	861	1200	107		1190	106		75-125	1		20
Thallium, Total	ND	10.3	10.4	101		10.4	101		75-125	0		20
Vanadium, Total	25.3	43	71.0	106		68.3	100		75-125	4		20

Matrix Spike Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

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): 01-04,07-12 QC Batch ID: WG2013628-3 WG2013628-4 QC Sample: L2475137-02 Client ID: MS Sample											
Zinc, Total	41.0	43	83.5	99		86.2	105	75-125	3		20
Total Metals - Mansfield Lab Associated sample(s): 01-04,07-12 QC Batch ID: WG2013631-3 WG2013631-4 QC Sample: L2475137-02 Client ID: MS Sample											
Mercury, Total	0.979	1.57	4.46	**221**	Q	2.81	113	80-120	**45**	Q	20

Matrix Spike Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

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): 05 QC Batch ID: WG2013667-3 QC Sample: L2472506-01 Client ID: MS Sample									
Aluminum, Total	0.129	2	1.87	87	-	-	75-125	-	20
Antimony, Total	0.0023J	0.5	0.4016	80	-	-	75-125	-	20
Arsenic, Total	0.0002J	0.12	0.1058	88	-	-	75-125	-	20
Barium, Total	0.0193	2	1.902	94	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.04813	96	-	-	75-125	-	20
Cadmium, Total	0.00020	0.053	0.05077	95	-	-	75-125	-	20
Calcium, Total	6.38	10	14.8	84	-	-	75-125	-	20
Chromium, Total	0.00067J	0.2	0.1842	92	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.4768	95	-	-	75-125	-	20
Copper, Total	0.01310	0.25	0.2478	94	-	-	75-125	-	20
Iron, Total	0.255	1	1.27	102	-	-	75-125	-	20
Lead, Total	0.01084	0.53	0.5042	93	-	-	75-125	-	20
Magnesium, Total	0.656	10	9.28	86	-	-	75-125	-	20
Manganese, Total	0.0040	0.5	0.4798	95	-	-	75-125	-	20
Nickel, Total	0.0011J	0.5	0.4521	90	-	-	75-125	-	20
Potassium, Total	0.244	10	9.02	88	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.114	95	-	-	75-125	-	20
Silver, Total	ND	0.05	0.05120	102	-	-	75-125	-	20
Sodium, Total	0.572	10	9.66	91	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1120	93	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.4470	89	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

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): 05 QC Batch ID: WG2013667-3 QC Sample: L2472506-01 Client ID: MS Sample									
Zinc, Total	0.1264	0.5	0.5925	93	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG2013668-3 QC Sample: L2475113-05 Client ID: TW-1									
Mercury, Total	0.00019J	0.005	0.00490	98	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG2013667-4 QC Sample: L2472506-01 Client ID: DUP Sample						
Aluminum, Total	0.129	0.128	mg/l	1		20
Cadmium, Total	0.00020	0.00019J	mg/l	NC		20
Chromium, Total	0.00067J	0.00095J	mg/l	NC		20
Copper, Total	0.01310	0.01339	mg/l	2		20
Iron, Total	0.255	0.266	mg/l	4		20
Lead, Total	0.01084	0.01069	mg/l	1		20
Zinc, Total	0.1264	0.1327	mg/l	5		20
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG2013668-4 QC Sample: L2475113-05 Client ID: TW-1						
Mercury, Total	0.00019J	0.00022	mg/l	NC		20

Project Name: PEEKSKILL
Project Number: 13904

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2475113
Report Date: 01/07/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04,07-12 QC Batch ID: WG2013628-6 QC Sample: L2475137-02 Client ID: DUP Sample						
Aluminum, Total	8460	7960	mg/kg	6		20
Barium, Total	45.3	43.6	mg/kg	4		20
Calcium, Total	1540	1500	mg/kg	3		20
Chromium, Total	23.1	22.7	mg/kg	2		20
Copper, Total	23.4	22.2	mg/kg	5		20
Iron, Total	13000	12800	mg/kg	2		20
Magnesium, Total	1800	1780	mg/kg	1		20
Manganese, Total	239	232	mg/kg	3		20
Vanadium, Total	25.3	24.5	mg/kg	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-01
Client ID: SB-14 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 10:15
Date Received: 12/19/24
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	91.0		%	0.100	NA	1	-	12/21/24 12:48	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	12/24/24 10:15	12/26/24 11:53	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-02
Client ID: SB-13 (1-1.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/19/24 10:35
Date Received: 12/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	12/21/24 12:48	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	12/24/24 10:15	12/26/24 11:54	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-03
Client ID: SB-1 (3.5-4)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 11:10
Date Received: 12/19/24
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	83.5		%	0.100	NA	1	-	12/21/24 12:48	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	12/24/24 10:15	12/26/24 11:55	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-04
Client ID: SB-2 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/19/24 11:30
Date Received: 12/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	12/21/24 12:48	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	12/24/24 10:15	12/26/24 11:56	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-05
Client ID: TW-1
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Water
Date Collected: 12/19/24 12:10
Date Received: 12/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/26/24 12:50	12/26/24 16:54	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-07
Client ID: SB-3 (5-5.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/19/24 13:30
Date Received: 12/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.8		%	0.100	NA	1	-	12/21/24 10:41	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	12/24/24 10:15	12/26/24 11:57	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-08
Client ID: SB-11 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 13:50
Date Received: 12/19/24
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	86.5		%	0.100	NA	1	-	12/21/24 12:48	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	12/24/24 10:15	12/26/24 11:58	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-09
Client ID: SB-4 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 14:10
Date Received: 12/19/24
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	86.2		%	0.100	NA	1	-	12/21/24 12:48	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	12/24/24 10:15	12/26/24 11:59	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-10
Client ID: SB-12 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/19/24 14:40
Date Received: 12/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.5		%	0.100	NA	1	-	12/21/24 12:48	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	12/24/24 10:15	12/26/24 12:00	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-11
Client ID: SB-10 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 15:00
Date Received: 12/19/24
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	76.6		%	0.100	NA	1	-	12/21/24 12:48	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	12/24/24 10:15	12/26/24 12:03	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

SAMPLE RESULTS

Lab ID: L2475113-12
Client ID: SB-9 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/19/24 15:30
Date Received: 12/19/24
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	90.1		%	0.100	NA	1	-	12/21/24 12:48	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	12/24/24 10:15	12/26/24 12:09	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475113
Report Date: 01/07/25

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): 01-04,07-11 Batch: WG2013166-1										
Cyanide, Total	ND		mg/kg	0.96	0.20	1	12/24/24 10:15	12/26/24 11:29	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 12 Batch: WG2013172-1										
Cyanide, Total	ND		mg/kg	0.84	0.18	1	12/24/24 10:15	12/26/24 12:04	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG2013693-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/26/24 12:50	12/26/24 16:00	1,9010C/9012B	JER

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04,07-11 Batch: WG2013166-2 WG2013166-3								
Cyanide, Total	92		106		80-120	13		35
General Chemistry - Westborough Lab Associated sample(s): 12 Batch: WG2013172-2 WG2013172-3								
Cyanide, Total	97		89		80-120	8		35
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG2013693-2 WG2013693-3								
Cyanide, Total	100		102		85-115	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

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): 01-04,07-11 QC Batch ID: WG2013166-4 WG2013166-5 QC Sample: L2475097-04 Client ID: MS Sample												
Cyanide, Total	ND	9.9	11	110		9.6	95		75-125	14		35
General Chemistry - Westborough Lab Associated sample(s): 01-04,07-11 QC Batch ID: WG2013166-6 WG2013166-7 QC Sample: L2475030-01 Client ID: MS Sample												
Cyanide, Total	ND	10	11	100		8.8	82		75-125	22		35
General Chemistry - Westborough Lab Associated sample(s): 12 QC Batch ID: WG2013172-4 WG2013172-5 QC Sample: L2475137-02 Client ID: MS Sample												
Cyanide, Total	ND	10	11	110		11	100		75-125	9		35
General Chemistry - Westborough Lab Associated sample(s): 12 QC Batch ID: WG2013172-6 WG2013172-7 QC Sample: L2475119-01 Client ID: MS Sample												
Cyanide, Total	ND	11	12	110		11	100		75-125	9		35
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG2013693-4 WG2013693-5 QC Sample: L2475106-01 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.187	94		0.178	89		80-120	5		20
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG2013693-6 WG2013693-7 QC Sample: L2475119-05 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.212	106		0.206	103		80-120	3		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 07 QC Batch ID: WG2012132-1 QC Sample: L2472733-29 Client ID: DUP Sample						
Solids, Total	82.7	82.1	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-04,08-12 QC Batch ID: WG2012144-1 QC Sample: L2474107-01 Client ID: DUP Sample						
Solids, Total	79.8	79.0	%	1		20

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

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(*)
L2475113-01A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2475113-01B	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14)
L2475113-01C	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14)
L2475113-01D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2475113-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2475113-01F	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2475113-02A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2475113-02B	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14)
L2475113-02C	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14)
L2475113-02D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2475113-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2475113-02F	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2475113-03A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14),NYTCL-8260H(14)
L2475113-03B	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14),NYTCL-8260H(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2475113-03C	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14),NYTCL-8260H(14)
L2475113-03D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2475113-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2475113-03F	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2475113-04A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2475113-04B	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14)
L2475113-04C	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14)
L2475113-04D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2475113-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2475113-04F	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2475113-05A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L2475113-05B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L2475113-05C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L2475113-05D	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		TL-6020T(180),FE-6020T(180),BA-6020T(180),SE-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),CO-6020T(180)
L2475113-05E	Plastic 250ml NaOH preserved	A	>12	>12	4.2	Y	Absent		TCN-9010(14)

*Values in parentheses indicate holding time in days

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2475113-05F	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8081(7)
L2475113-05G	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8081(7)
L2475113-05H	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8082-LVI(365)
L2475113-05I	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8082-LVI(365)
L2475113-05J	Amber 100ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2475113-05K	Amber 100ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2475113-05L	Plastic 500ml unpreserved	A	NA		4.2	Y	Absent		-
L2475113-05M	Plastic 500ml unpreserved	A	NA		4.2	Y	Absent		-
L2475113-06A	Plastic 500ml unpreserved	A	NA		4.2	Y	Absent		A2-NY-1633(28)
L2475113-06B	Plastic 500ml unpreserved	A	NA		4.2	Y	Absent		A2-NY-1633(28)
L2475113-07A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2475113-07B	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14)
L2475113-07C	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14)
L2475113-07D	Plastic 2oz unpreserved for TS	A	NA		4.2	Y	Absent		TS(7)
L2475113-07E	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2475113-07F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2475113-07G	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2475113-07H	Plastic 8oz unpreserved	A	NA		4.2	Y	Absent		A2-NY-1633(90)
L2475113-08A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2475113-08B	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14)
L2475113-08C	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14)
L2475113-08D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2475113-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2475113-08F	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2475113-09A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2475113-09B	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14)
L2475113-09C	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14)
L2475113-09D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2475113-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2475113-09F	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2475113-10A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2475113-10B	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14)
L2475113-10C	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14)
L2475113-10D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2475113-10E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2475113-10F	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2475113-11A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW(14)
L2475113-11B	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14)
L2475113-11C	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2475113-11D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2475113-11E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2475113-11F	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2475113-12A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2475113-12B	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2475113-12C	Vial water preserved	A	NA		4.2	Y	Absent	20-DEC-24 12:21	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2475113-12D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2475113-12E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2475113-12F	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475113
Report Date: 01/07/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	PEEKSKILL	**Lab Number:**	L2475113
Project Number:	13904	**Report Date:**	01/07/25

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:	PEEKSKILL	**Lab Number:**	L2475113
Project Number:	13904	**Report Date:**	01/07/25

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:	PEEKSKILL	**Lab Number:**	L2475113
Project Number:	13904	**Report Date:**	01/07/25

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: PEEKSKILL **Lab Number:** L2475113

Project Number: 13904 **Report Date:** 01/07/25

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.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

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.
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 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

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

L2475113 27DEC24
SESI

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 2

Date Rec'd in Lab: 12/20/24

Client Information

Client: SESI
Address: 959 US 46 Fl 3 S300
Parsippany NJ 07054
Phone: 9738089050
Fax:
Email: Sheng.Long@Sesi.org

Project Information

Project Name: Peekskill
Project Location: 418 Division St Peekskill NY
Project #: 13904
(Use Project name as Project #)
Project Manager: Sheng Long
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

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

TCL+30/TAL
PFAS (1633)

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

Total Bottles

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+30/TAL	PFAS (1633)	Sample Specific Comments
25113-01	SB-14(0.5-1)	12/19/24	1015	Soil	CB	✓		
-02	SB-13(1-1.5)		1035			✓		
-03	SB-1(3.5-4)		1110			✓		
-04	SB-2(0.5-1)		1130			✓		
-05	TW-1		1210	GW		✓		
-06	TW-4		1310	GW			✓	
-07	SB-3(5-5.5)		1330	Soil		✓	✓	
-08	SB-11(0.5-1)		1350			✓		
-09	SB-4(0.5-1)		1410			✓		
-10	SB-12(0.5-1)		1440			✓		

Container Type: N/A | P
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
	12/19/24		12-19-24
MJSC	12-19-24		
FEDEX	12-19-24 2300		12/19/24 2300
	12/20/24 0145		12/20/24 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)

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 2 of 2

Date Rec'd in Lab: 12/20/24

ALPHA Job #: L2475113

Client Information

Client: SESI
Address: 959 US 46 Fl 3 5360
Parsippany, NJ 07054
Phone: 973 808 9050
Fax:
Email: Sheng.Long@sesi.org

Project Information

Project Name: Peekskill
Project Location: 418 N Division St Peekskill, NY
Project #: 13904
(Use Project name as Project #) ☐
Project Manager: Sheng Long
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

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

TCL+30 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	Sample Specific Comments
75113-11	SB-10 (0.5-1)	12/19/24	1500	So.4	CB	
-12	SB-9 (0.5-1)	↓	1530	So.1	CB	

Container Type: P/V/A
Preservative: Some

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
	12/19/24		12-19-24 3:20
NJSC	12-19-24		12.19.24
	12.19.24 2300		12/19/24 2300
	12/20/24 0145		12/20/24 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.)

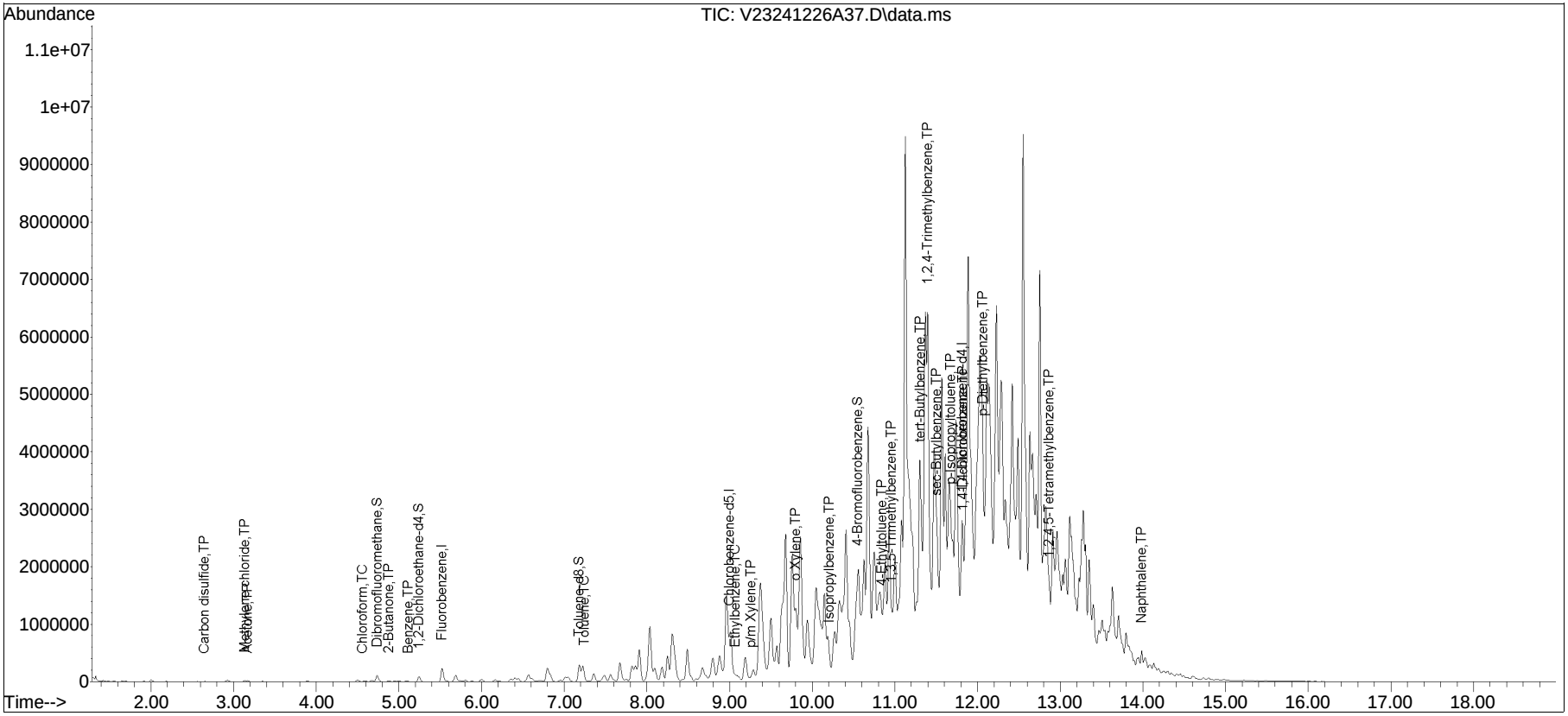
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2024\241226A\
Data File : V23241226A37.D
Acq On : 27 Dec 2024 12:20 am
Operator : VOA123:LAC
Sample : L2475113-03,31,4.55,5,,C,32.73,37.53,0.25
Misc : WG2014139,ICAL21608
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Dec 27 11:43:26 2024
Quant Method : K:\VOA123\2024\241226A\V123_241014A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Oct 15 14:42:06 2024
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox241226A30.D•



ANALYTICAL REPORT

Lab Number:	L2475472
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Sheng Long
Phone:	(973) 808-9050
Project Name:	PEEKSKILL
Project Number:	13904
Report Date:	01/10/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

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: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2475472-01	SB-8 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	12/20/24 09:10	12/20/24
L2475472-02	SB-15 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	12/20/24 09:35	12/20/24
L2475472-03	SB-7 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	12/20/24 10:30	12/20/24
L2475472-04	SB-6 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	12/20/24 11:00	12/20/24
L2475472-05	SB-5 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	12/20/24 12:30	12/20/24
L2475472-06	TW-2	WATER	418 N DIVISION ST PEEKSKILL, NY	12/20/24 13:30	12/20/24
L2475472-07	TW-3	WATER	418 N DIVISION ST PEEKSKILL, NY	12/20/24 11:45	12/20/24

Project Name:	PEEKSKILL	**Lab Number:**	L2475472
Project Number:	13904	**Report Date:**	01/10/25

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: PEEKSKILL **Lab Number:** L2475472
Project Number: 13904 **Report Date:** 01/10/25

Case Narrative (continued)

Report Submission
January 10, 2025: This final report includes the results of all requested analyses.
December 30, 2024: This is a preliminary report.

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

Semivolatile Organics
L2475472-05: The surrogate recoveries were outside the acceptance criteria for 2-fluorophenol (14%) and 2,4,6-tribromophenol (4%); however, re-extraction achieved similar results: 2-fluorophenol (16%) and 2,4,6-tribromophenol (7%). The results of both extractions are reported.
L2475472-06 and -07: The sample was extracted with the method required holding time exceeded.

Semivolatile Organics by SIM
L2475472-06 and -07: The sample was extracted with the method required holding time exceeded.

Perfluorinated Alkyl Acids by 1633
L2475472-07: The sample was centrifuged and decanted prior to extraction due to sample matrix.
WG2017605-1: The Extracted Internal Standard recovery was above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (262%). Since the blank was non-detect to the RL for all associated target analytes, re-analysis was not required.

Total Metals
L2475472-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.
The WG2014471-1 Method Blank, associated with L2475472-01 through -05, has a concentration above the reporting limit for iron and manganese. Since the associated sample concentrations are either greater than 10x

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Case Narrative (continued)

the blank concentration or non-detect to the RL for these target analytes, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

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: Kelly Stenstrom

Title: Technical Director/Representative Date: 01/10/25

ORGANICS

VOLATILES

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-01
Client ID: SB-8 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/20/24 09:10
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/29/24 19:19
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	0.53	J	ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.12	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	0.38	J	ug/kg	0.50	0.16	1
Toluene	0.75	J	ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-01 Date Collected: 12/20/24 09:10

Client ID: SB-8 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	ND		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
Naphthalene	ND		ug/kg	4.0	0.64	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-01 Date Collected: 12/20/24 09:10

Client ID: SB-8 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	35.	1
p-Diethylbenzene	0.34	J	ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	4.55	J	ug/kg			1
Unknown	2.49	J	ug/kg			1
Unknown Alkane	2.06	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	108		70-130

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-02 Date Collected: 12/20/24 09:35

Client ID: SB-15 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 12/29/24 19:45

Analyst: AJK

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	3.9	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-02 Date Collected: 12/20/24 09:35

Client ID: SB-15 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.49	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.90	1
Acetone	ND		ug/kg	9.9	4.7	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.17	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-02 Date Collected: 12/20/24 09:35

Client ID: SB-15 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	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	92		70-130
Dibromofluoromethane	108		70-130

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-03 Date Collected: 12/20/24 10:30

Client ID: SB-7 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 12/29/24 20:11

Analyst: AJK

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-03 Date Collected: 12/20/24 10:30

Client ID: SB-7 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.87	1
Acetone	ND		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.3	1
2-Butanone	ND		ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-03 Date Collected: 12/20/24 10:30

Client ID: SB-7 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	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	97		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	109		70-130

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-04 Date Collected: 12/20/24 11:00

Client ID: SB-6 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 12/29/24 20:37

Analyst: AJK

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.1	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-04 Date Collected: 12/20/24 11:00

Client ID: SB-6 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-04 Date Collected: 12/20/24 11:00

Client ID: SB-6 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	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	100		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	108		70-130

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-05 Date Collected: 12/20/24 12:30
Client ID: SB-5 (0.5-1) Date Received: 12/20/24
Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 12/29/24 21:03
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.16	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-05 Date Collected: 12/20/24 12:30

Client ID: SB-5 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	5.7	J	ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.1	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.13	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-05 Date Collected: 12/20/24 12:30

Client ID: SB-5 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	74	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.16	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1
Tentatively Identified Compounds						
Total TIC Compounds	2.05	J	ug/kg			1
Unknown	2.05	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-06
Client ID: TW-2
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/20/24 13:30
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/23/24 18:07
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-06 Date Collected: 12/20/24 13:30

Client ID: TW-2 Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	2.0	J	ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	2.2	J	ug/l	2.5	0.70	1
sec-Butylbenzene	1.4	J	ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	1.2	J	ug/l	2.5	0.70	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-06 Date Collected: 12/20/24 13:30

Client ID: TW-2 Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	1.4	J	ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	3.3		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	1.3	J	ug/l	2.0	0.70	1
p-Ethyltoluene	1.4	J	ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	6.9		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	136	J	ug/l			1
Unknown Aromatic	16.7	J	ug/l			1
Benzene, 1-propenyl-	10.3	NJ	ug/l			1
Unknown Naphthalene	10.2	J	ug/l			1
Unknown Aromatic	11.9	J	ug/l			1
3-Phenylbut-1-ene	12.3	NJ	ug/l			1
Unknown Aromatic	10.3	J	ug/l			1
Unknown Aromatic	18.1	J	ug/l			1
Unknown	13.9	J	ug/l			1
Unknown Aromatic	15.5	J	ug/l			1
Unknown Benzene	16.6	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	95		70-130

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-07 Date Collected: 12/20/24 11:45

Client ID: TW-3 Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 12/23/24 17:41

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-07 Date Collected: 12/20/24 11:45

Client ID: TW-3 Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	2.1	J	ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-07 Date Collected: 12/20/24 11:45

Client ID: TW-3 Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/23/24 09:03
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG2013258-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/23/24 09:03
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG2013258-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	1.5	J	ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/23/24 09:03
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG2013258-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/23/24 09:03
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG2013258-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	92		70-130

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/29/24 14:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2014821-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.62	J	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	ND		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: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/29/24 14:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2014821-5					
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: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/29/24 14:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2014821-5					
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	2.15	J	ug/kg
Unknown	2.15	J	ug/kg

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/29/24 14:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2014821-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG2013258-3 WG2013258-4								
Methylene chloride	100		99		70-130	1		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	100		98		70-130	2		20
Carbon tetrachloride	80		76		63-132	5		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	86		85		63-130	1		20
1,1,2-Trichloroethane	110		100		70-130	10		20
Tetrachloroethene	94		93		70-130	1		20
Chlorobenzene	100		98		75-130	2		20
Trichlorofluoromethane	110		100		62-150	10		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	97		94		67-130	3		20
Bromodichloromethane	95		94		67-130	1		20
trans-1,3-Dichloropropene	92		89		70-130	3		20
cis-1,3-Dichloropropene	91		88		70-130	3		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	76		74		54-136	3		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	110		100		70-130	10		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	120		130		64-130	8		20
Bromomethane	**30**	Q	**33**	Q	39-139	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG2013258-3 WG2013258-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	130		120		55-138	8		20
1,1-Dichloroethene	90		88		61-145	2		20
trans-1,2-Dichloroethene	100		96		70-130	4		20
Trichloroethene	100		98		70-130	2		20
1,2-Dichlorobenzene	100		99		70-130	1		20
1,3-Dichlorobenzene	100		99		70-130	1		20
1,4-Dichlorobenzene	100		98		70-130	2		20
Methyl tert butyl ether	93		91		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		98		70-130	2		20
Dibromomethane	100		97		70-130	3		20
1,2,3-Trichloropropane	110		100		64-130	10		20
Acrylonitrile	120		110		70-130	9		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	99		97		36-147	2		20
Acetone	130		110		58-148	17		20
Carbon disulfide	92		88		51-130	4		20
2-Butanone	120		110		63-138	9		20
Vinyl acetate	130		120		70-130	8		20
4-Methyl-2-pentanone	100		99		59-130	1		20
2-Hexanone	100		110		57-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG2013258-3 WG2013258-4								
Bromochloromethane	94		88		70-130	7		20
2,2-Dichloropropane	99		94		63-133	5		20
1,2-Dibromoethane	100		99		70-130	1		20
1,3-Dichloropropane	110		110		70-130	0		20
1,1,1,2-Tetrachloroethane	91		90		64-130	1		20
Bromobenzene	98		96		70-130	2		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		99		70-130	1		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	87		87		41-144	0		20
Hexachlorobutadiene	75		77		63-130	3		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		97		70-130	3		20
Naphthalene	88		92		70-130	4		20
n-Propylbenzene	110		100		69-130	10		20
1,2,3-Trichlorobenzene	83		88		70-130	6		20
1,2,4-Trichlorobenzene	88		88		70-130	0		20
1,3,5-Trimethylbenzene	100		99		64-130	1		20
1,2,4-Trimethylbenzene	100		99		70-130	1		20
1,4-Dioxane	110		114		56-162	4		20
p-Diethylbenzene	99		98		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG2013258-3 WG2013258-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	94		92		70-130	2		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	84		80		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	100		102		70-130
Dibromofluoromethane	95		96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2014821-3 WG2014821-4								
Methylene chloride	88		84		70-130	5		30
1,1-Dichloroethane	96		92		70-130	4		30
Chloroform	93		91		70-130	2		30
Carbon tetrachloride	107		103		70-130	4		30
1,2-Dichloropropane	93		89		70-130	4		30
Dibromochloromethane	101		102		70-130	1		30
1,1,2-Trichloroethane	92		89		70-130	3		30
Tetrachloroethene	113		109		70-130	4		30
Chlorobenzene	98		95		70-130	3		30
Trichlorofluoromethane	111		105		70-139	6		30
1,2-Dichloroethane	89		87		70-130	2		30
1,1,1-Trichloroethane	101		97		70-130	4		30
Bromodichloromethane	92		91		70-130	1		30
trans-1,3-Dichloropropene	94		93		70-130	1		30
cis-1,3-Dichloropropene	98		96		70-130	2		30
1,1-Dichloropropene	98		93		70-130	5		30
Bromoform	101		102		70-130	1		30
1,1,2,2-Tetrachloroethane	88		83		70-130	6		30
Benzene	92		89		70-130	3		30
Toluene	94		89		70-130	5		30
Ethylbenzene	93		89		70-130	4		30
Chloromethane	109		100		52-130	9		30
Bromomethane	106		102		57-147	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2014821-3 WG2014821-4								
Vinyl chloride	98		91		67-130	7		30
Chloroethane	97		78		50-151	22		30
1,1-Dichloroethene	108		101		65-135	7		30
trans-1,2-Dichloroethene	103		98		70-130	5		30
Trichloroethene	99		101		70-130	2		30
1,2-Dichlorobenzene	99		97		70-130	2		30
1,3-Dichlorobenzene	102		98		70-130	4		30
1,4-Dichlorobenzene	100		96		70-130	4		30
Methyl tert butyl ether	103		102		66-130	1		30
p/m-Xylene	99		94		70-130	5		30
o-Xylene	96		92		70-130	4		30
cis-1,2-Dichloroethene	99		95		70-130	4		30
Dibromomethane	92		92		70-130	0		30
Styrene	95		92		70-130	3		30
Dichlorodifluoromethane	119		112		30-146	6		30
Acetone	131		130		54-140	1		30
Carbon disulfide	104		98		59-130	6		30
2-Butanone	98		98		70-130	0		30
Vinyl acetate	98		80		70-130	20		30
4-Methyl-2-pentanone	88		87		70-130	1		30
1,2,3-Trichloropropane	85		84		68-130	1		30
2-Hexanone	88		84		70-130	5		30
Bromochloromethane	106		102		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2014821-3 WG2014821-4								
2,2-Dichloropropane	100		96		70-130	4		30
1,2-Dibromoethane	100		98		70-130	2		30
1,3-Dichloropropane	90		90		69-130	0		30
1,1,1,2-Tetrachloroethane	101		98		70-130	3		30
Bromobenzene	100		95		70-130	5		30
n-Butylbenzene	99		94		70-130	5		30
sec-Butylbenzene	97		93		70-130	4		30
tert-Butylbenzene	99		92		70-130	7		30
o-Chlorotoluene	92		88		70-130	4		30
p-Chlorotoluene	94		89		70-130	5		30
1,2-Dibromo-3-chloropropane	88		88		68-130	0		30
Hexachlorobutadiene	109		106		67-130	3		30
Isopropylbenzene	95		92		70-130	3		30
p-Isopropyltoluene	101		96		70-130	5		30
Naphthalene	94		93		70-130	1		30
Acrylonitrile	97		97		70-130	0		30
n-Propylbenzene	95		90		70-130	5		30
1,2,3-Trichlorobenzene	106		104		70-130	2		30
1,2,4-Trichlorobenzene	108		106		70-130	2		30
1,3,5-Trimethylbenzene	94		90		70-130	4		30
1,2,4-Trimethylbenzene	94		90		70-130	4		30
1,4-Dioxane	83		84		65-136	1		30
p-Diethylbenzene	104		100		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2014821-3 WG2014821-4								
p-Ethyltoluene	100		94		70-130	6		30
1,2,4,5-Tetramethylbenzene	102		97		70-130	5		30
Ethyl ether	104		102		67-130	2		30
trans-1,4-Dichloro-2-butene	90		88		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		95		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	103		93		70-130
Dibromofluoromethane	105		105		70-130

SEMIVOLATILES

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-01
Client ID: SB-8 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 09:10
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/27/24 17:49
Analyst: JG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 21:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	52	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-01 Date Collected: 12/20/24 09:10

Client ID: SB-8 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	38	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	76	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-01 Date Collected: 12/20/24 09:10

Client ID: SB-8 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	35.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
Total TIC Compounds	1110	J	ug/kg			1
Unknown Organic Acid	1110	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	73		18-120

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-02
Client ID: SB-15 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 09:35
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/27/24 18:06
Analyst: JG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 21:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	54	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	920		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	30	J	ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-02 Date Collected: 12/20/24 09:35

Client ID: SB-15 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	520		ug/kg	100	20.	1
Benzo(a)pyrene	530		ug/kg	140	43.	1
Benzo(b)fluoranthene	670		ug/kg	100	30.	1
Benzo(k)fluoranthene	230		ug/kg	100	28.	1
Chrysene	510		ug/kg	100	18.	1
Acenaphthylene	51	J	ug/kg	140	27.	1
Anthracene	170		ug/kg	100	34.	1
Benzo(ghi)perylene	300		ug/kg	140	21.	1
Fluorene	49	J	ug/kg	180	17.	1
Phenanthrene	600		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	92	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	270		ug/kg	140	24.	1
Pyrene	820		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	34	J	ug/kg	180	17.	1
2-Methylnaphthalene	22	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-02 Date Collected: 12/20/24 09:35

Client ID: SB-15 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	79	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
Total TIC Compounds	3140	J	ug/kg			1
Unknown	468	J	ug/kg			1
Unknown	716	J	ug/kg			1
Unknown Organic Acid	1560	J	ug/kg			1
Unknown	184	J	ug/kg			1
Unknown	207	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	85		18-120

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-03
Client ID: SB-7 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 10:30
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/27/24 18:24
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 21:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-03 Date Collected: 12/20/24 10:30

Client ID: SB-7 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-03 Date Collected: 12/20/24 10:30

Client ID: SB-7 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
Total TIC Compounds	782	J	ug/kg			1
Unknown Organic Acid	782	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	82		18-120

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-04
Client ID: SB-6 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 11:00
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/27/24 18:42
Analyst: JG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 21:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	81	J	ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-04 Date Collected: 12/20/24 11:00

Client ID: SB-6 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-04 Date Collected: 12/20/24 11:00

Client ID: SB-6 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
Total TIC Compounds	863	J	ug/kg			1
Unknown Organic Acid	273	J	ug/kg			1
Unknown Organic Acid	590	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	88		18-120

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-05
Client ID: SB-5 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 12:30
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/27/24 19:00
Analyst: JG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 12/23/24 21:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	26	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	85	J	ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-05 Date Collected: 12/20/24 12:30

Client ID: SB-5 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	22	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	25	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	22	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-05 Date Collected: 12/20/24 12:30

Client ID: SB-5 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	437	J	ug/kg			1
Unknown	437	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**14**	Q	25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	**4**	Q	10-136
4-Terphenyl-d14	77		18-120

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-05 RE
Client ID: SB-5 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 12:30
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/29/24 18:21
Analyst: SMZ
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 12/28/24 10:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	31	J	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	69	J	ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-05 RE Date Collected: 12/20/24 12:30

Client ID: SB-5 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	26	J	ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	27	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	29	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-05 RE Date Collected: 12/20/24 12:30

Client ID: SB-5 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	152	J	ug/kg			1
Unknown	152	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**16**	Q	25-120
Phenol-d6	48		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	**7**	Q	10-136
4-Terphenyl-d14	57		18-120

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-06
Client ID: TW-2
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 13:30
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/28/24 15:45
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-06 Date Collected: 12/20/24 13:30

Client ID: TW-2 Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-06 Date Collected: 12/20/24 13:30

Client ID: TW-2 Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	163	J	ug/l			1
Unknown Naphthalene	13.9	J	ug/l			1
Unknown PAH	10.6	J	ug/l			1
Unknown	7.10	J	ug/l			1
Unknown	11.1	J	ug/l			1
Unknown	16.0	J	ug/l			1
Unknown	23.5	J	ug/l			1
Unknown Benzene	9.70	J	ug/l			1
Unknown Benzene	10.8	J	ug/l			1
Unknown Alkane	10.0	J	ug/l			1
Unknown	8.40	J	ug/l			1
Unknown Alkane	7.00	J	ug/l			1
Unknown Alkane	13.9	J	ug/l			1
Unknown	8.20	J	ug/l			1
Unknown Alkane	12.5	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	109		10-120
4-Terphenyl-d14	87		41-149

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-06
Client ID: TW-2
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 13:30
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/29/24 14:35
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.5		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.38		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.37		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.14		ug/l	0.10	0.03	1
Benzo(a)pyrene	0.05	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.06	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.03	J	ug/l	0.10	0.03	1
Chrysene	0.18		ug/l	0.10	0.03	1
Acenaphthylene	0.15		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.05	J	ug/l	0.10	0.02	1
Fluorene	1.2		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.04	J	ug/l	0.10	0.02	1
Pyrene	1.8		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.30	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-06 Date Collected: 12/20/24 13:30

Client ID: TW-2 Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	105		10-120
4-Terphenyl-d14	96		41-149

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-07
Client ID: TW-3
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 11:45
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/28/24 16:08
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-07 Date Collected: 12/20/24 11:45

Client ID: TW-3 Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	9.60	J	ug/l			1
Unknown	4.30	J	ug/l			1
Unknown	5.30	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	75		41-149

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-07
Client ID: TW-3
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 11:45
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/29/24 14:51
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.06	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.07	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.08	J	ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.09	J	ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.11		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.10		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-07 Date Collected: 12/20/24 11:45

Client ID: TW-3 Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	81		41-149

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-07
Client ID: TW-3
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 11:45
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 01/09/25 13:38
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 01/08/25 08:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	7.34		ng/l	6.78	0.559	1
Perfluoropentanoic Acid (PFPeA)	11.1		ng/l	3.39	0.381	1
Perfluorobutanesulfonic Acid (PFBS)	26.1		ng/l	1.69	0.424	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.78	0.966	1
Perfluorohexanoic Acid (PFHxA)	11.3		ng/l	1.69	0.262	1
Perfluoropentanesulfonic Acid (PFPeS)	0.466	J	ng/l	1.69	0.220	1
Perfluoroheptanoic Acid (PFHpA)	7.70		ng/l	1.69	0.254	1
Perfluorohexanesulfonic Acid (PFHxS)	3.49		ng/l	1.69	0.144	1
Perfluorooctanoic Acid (PFOA)	36.9		ng/l	1.69	0.280	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.78	5.10	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.661	J	ng/l	1.69	0.212	1
Perfluorononanoic Acid (PFNA)	3.20		ng/l	1.69	0.280	1
Perfluorooctanesulfonic Acid (PFOS)	94.1		ng/l	1.69	0.280	1
Perfluorodecanoic Acid (PFDA)	1.21	J	ng/l	1.69	0.220	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.78	1.30	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.69	0.212	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.69	0.508	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.69	0.186	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.69	0.144	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.69	0.102	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.69	0.508	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.69	0.229	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.69	0.195	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.69	0.169	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.78	1.69	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.78	0.398	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.69	0.254	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-07 Date Collected: 12/20/24 11:45

Client ID: TW-3 Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.78	0.466	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.78	0.474	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.69	0.237	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.69	0.373	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.9	1.38	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.9	1.17	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.39	0.262	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.39	0.381	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.39	0.347	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.39	0.576	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.47	0.568	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	42.4	4.51	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	42.4	3.37	1

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-07 Date Collected: 12/20/24 11:45

Client ID: TW-3 Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	122		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	95		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	96		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	159		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	97		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	64		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	67		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	72		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	92		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	53		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	54		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	68		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66		10-130

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/24/24 07:44
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 12/23/24 11:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2012736-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/24/24 07:44
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 12/23/24 11:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2012736-1					
Dimethyl phthalate	ND		ug/kg	160	34.
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.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/24/24 07:44
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 12/23/24 11:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG2012736-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	83		18-120

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/28/24 12:22
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 01:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG2013962-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/28/24 12:22
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 01:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG2013962-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/28/24 12:22
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 01:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG2013962-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Tentatively Identified Compounds			
Total TIC Compounds	14.8	J	ug/l
Unknown	4.30	J	ug/l
Unknown	5.90	J	ug/l
Unknown	4.60	J	ug/l

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/28/24 12:22
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 01:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG2013962-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	82		41-149

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/28/24 13:13
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 01:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06-07 Batch: WG2013963-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/28/24 13:13
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 01:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06-07 Batch: WG2013963-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	103		41-149

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/29/24 16:33
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 12/28/24 02:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2014301-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/29/24 16:33
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 12/28/24 02:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2014301-1					
Dimethyl phthalate	ND		ug/kg	160	34.
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.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/29/24 16:33
Analyst: SMZ

Extraction Method: EPA 3546
Extraction Date: 12/28/24 02:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2014301-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.4
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	99		25-120
Phenol-d6	104		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	100		18-120

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 01/09/25 13:11
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 01/08/25 08:10

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 07 Batch: WG2017605-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	0.528
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.360
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.400
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	0.912
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.248
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.208
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.240
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.136
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.264
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	4.82
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.200
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.264
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.264
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.208
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	1.22
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.200
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.480
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.176
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.136
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.096
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.480
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.216
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.184
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	1.60
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	0.376
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.240

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 01/09/25 13:11
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 01/08/25 08:10

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 07 Batch: WG2017605-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	0.440
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	0.448
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.224
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.352
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.10
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.248
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.360
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.328
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.544
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	0.536
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	4.26
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	3.18

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 01/09/25 13:11
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 01/08/25 08:10

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 07 Batch: WG2017605-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	99		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	107		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	102		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	103		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	100		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	103		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	97		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	**262**	Q	40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	91		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	90		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	146		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	72		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	107		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	78		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	95		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	94		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	103		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	50		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	53		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	70		10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2012736-2 WG2012736-3								
Acenaphthene	68		71		31-137	4		50
1,2,4-Trichlorobenzene	68		65		38-107	5		50
Hexachlorobenzene	67		76		40-140	13		50
Bis(2-chloroethyl)ether	68		65		40-140	5		50
2-Chloronaphthalene	70		76		40-140	8		50
1,2-Dichlorobenzene	65		61		40-140	6		50
1,3-Dichlorobenzene	64		60		40-140	6		50
1,4-Dichlorobenzene	64		60		28-104	6		50
3,3'-Dichlorobenzidine	51		59		40-140	15		50
2,4-Dinitrotoluene	76		86		40-132	12		50
2,6-Dinitrotoluene	78		85		40-140	9		50
Fluoranthene	69		75		40-140	8		50
4-Chlorophenyl phenyl ether	72		76		40-140	5		50
4-Bromophenyl phenyl ether	70		77		40-140	10		50
Bis(2-chloroisopropyl)ether	62		60		40-140	3		50
Bis(2-chloroethoxy)methane	73		74		40-117	1		50
Hexachlorobutadiene	71		66		40-140	7		50
Hexachlorocyclopentadiene	89		83		40-140	7		50
Hexachloroethane	69		65		40-140	6		50
Isophorone	74		76		40-140	3		50
Naphthalene	67		66		40-140	2		50
Nitrobenzene	74		74		40-140	0		50
NDPA/DPA	70		77		36-157	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2012736-2 WG2012736-3								
n-Nitrosodi-n-propylamine	74		74		32-121	0		50
Bis(2-ethylhexyl)phthalate	74		79		40-140	7		50
Butyl benzyl phthalate	76		88		40-140	15		50
Di-n-butylphthalate	74		81		40-140	9		50
Di-n-octylphthalate	79		85		40-140	7		50
Diethyl phthalate	72		79		40-140	9		50
Dimethyl phthalate	73		80		40-140	9		50
Benzo(a)anthracene	68		71		40-140	4		50
Benzo(a)pyrene	74		78		40-140	5		50
Benzo(b)fluoranthene	68		75		40-140	10		50
Benzo(k)fluoranthene	72		74		40-140	3		50
Chrysene	66		70		40-140	6		50
Acenaphthylene	78		84		40-140	7		50
Anthracene	72		78		40-140	8		50
Benzo(ghi)perylene	78		77		40-140	1		50
Fluorene	69		74		40-140	7		50
Phenanthrene	69		72		40-140	4		50
Dibenzo(a,h)anthracene	75		77		40-140	3		50
Indeno(1,2,3-cd)pyrene	75		75		40-140	0		50
Pyrene	68		76		35-142	11		50
Biphenyl	70		75		37-127	7		50
4-Chloroaniline	**32**	Q	**39**	Q	40-140	20		50
2-Nitroaniline	80		88		47-134	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2012736-2 WG2012736-3								
3-Nitroaniline	40		49		26-129	20		50
4-Nitroaniline	73		83		41-125	13		50
Dibenzofuran	70		75		40-140	7		50
2-Methylnaphthalene	62		64		40-140	3		50
1,2,4,5-Tetrachlorobenzene	73		76		40-117	4		50
Acetophenone	75		73		14-144	3		50
2,4,6-Trichlorophenol	77		84		30-130	9		50
p-Chloro-m-cresol	79		86		26-103	8		50
2-Chlorophenol	68		67		25-102	1		50
2,4-Dichlorophenol	76		79		30-130	4		50
2,4-Dimethylphenol	88		92		30-130	4		50
2-Nitrophenol	78		78		30-130	0		50
4-Nitrophenol	90		101		11-114	12		50
2,4-Dinitrophenol	70		78		4-130	11		50
4,6-Dinitro-o-cresol	74		84		10-130	13		50
Pentachlorophenol	65		76		17-109	16		50
Phenol	78		81		26-90	4		50
2-Methylphenol	74		74		30-130.	0		50
3-Methylphenol/4-Methylphenol	75		76		30-130	1		50
2,4,5-Trichlorophenol	77		86		30-130	11		50
Benzoic Acid	71		76		10-110	7		50
Benzyl Alcohol	81		81		40-140	0		50
Carbazole	72		78		54-128	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG2012736-2 WG2012736-3								
1,4-Dioxane	56		56		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		71		25-120
Phenol-d6	77		79		10-120
Nitrobenzene-d5	79		77		23-120
2-Fluorobiphenyl	74		79		30-120
2,4,6-Tribromophenol	78		88		10-136
4-Terphenyl-d14	71		81		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG2013962-2 WG2013962-3								
Acenaphthene	72		76		37-111	5		30
1,2,4-Trichlorobenzene	63		70		39-98	11		30
Hexachlorobenzene	87		93		40-140	7		30
Bis(2-chloroethyl)ether	74		77		40-140	4		30
2-Chloronaphthalene	71		76		40-140	7		30
1,2-Dichlorobenzene	64		75		40-140	16		30
1,3-Dichlorobenzene	59		70		40-140	17		30
1,4-Dichlorobenzene	63		68		36-97	8		30
3,3'-Dichlorobenzidine	94		100		40-140	6		30
2,4-Dinitrotoluene	86		97		48-143	12		30
2,6-Dinitrotoluene	86		92		40-140	7		30
Fluoranthene	86		92		40-140	7		30
4-Chlorophenyl phenyl ether	75		83		40-140	10		30
4-Bromophenyl phenyl ether	82		86		40-140	5		30
Bis(2-chloroisopropyl)ether	69		72		40-140	4		30
Bis(2-chloroethoxy)methane	77		80		40-140	4		30
Hexachlorobutadiene	64		67		40-140	5		30
Hexachlorocyclopentadiene	**36**	Q	42		40-140	15		30
Hexachloroethane	58		63		40-140	8		30
Isophorone	77		82		40-140	6		30
Naphthalene	67		75		40-140	11		30
Nitrobenzene	76		80		40-140	5		30
NDPA/DPA	77		84		40-140	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG2013962-2 WG2013962-3								
n-Nitrosodi-n-propylamine	78		82		29-132	5		30
Bis(2-ethylhexyl)phthalate	89		98		40-140	10		30
Butyl benzyl phthalate	104		108		40-140	4		30
Di-n-butylphthalate	93		109		40-140	16		30
Di-n-octylphthalate	93		100		40-140	7		30
Diethyl phthalate	85		90		40-140	6		30
Dimethyl phthalate	86		92		40-140	7		30
Benzo(a)anthracene	82		87		40-140	6		30
Benzo(a)pyrene	92		98		40-140	6		30
Benzo(b)fluoranthene	92		100		40-140	8		30
Benzo(k)fluoranthene	86		91		40-140	6		30
Chrysene	81		85		40-140	5		30
Acenaphthylene	76		83		45-123	9		30
Anthracene	82		85		40-140	4		30
Benzo(ghi)perylene	82		88		40-140	7		30
Fluorene	79		82		40-140	4		30
Phenanthrene	81		84		40-140	4		30
Dibenzo(a,h)anthracene	80		87		40-140	8		30
Indeno(1,2,3-cd)pyrene	83		86		40-140	4		30
Pyrene	89		93		26-127	4		30
Biphenyl	88		96		40-140	9		30
4-Chloroaniline	56		78		40-140	**33**	Q	30
2-Nitroaniline	88		96		52-143	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG2013962-2 WG2013962-3								
3-Nitroaniline	83		94		25-145	12		30
4-Nitroaniline	99		98		51-143	1		30
Dibenzofuran	75		79		40-140	5		30
2-Methylnaphthalene	71		77		40-140	8		30
1,2,4,5-Tetrachlorobenzene	81		89		2-134	9		30
Acetophenone	100		104		39-129	4		30
2,4,6-Trichlorophenol	84		92		30-130	9		30
p-Chloro-m-cresol	84		91		23-97	8		30
2-Chlorophenol	78		83		27-123	6		30
2,4-Dichlorophenol	82		86		30-130	5		30
2,4-Dimethylphenol	56		56		30-130	0		30
2-Nitrophenol	79		83		30-130	5		30
4-Nitrophenol	67		74		10-80	10		30
2,4-Dinitrophenol	74		84		20-130	13		30
4,6-Dinitro-o-cresol	91		90		20-164	1		30
Pentachlorophenol	102		**104**	Q	9-103	2		30
Phenol	46		48		12-110	4		30
2-Methylphenol	71		75		30-130	5		30
3-Methylphenol/4-Methylphenol	70		75		30-130	7		30
2,4,5-Trichlorophenol	84		92		30-130	9		30
Benzoic Acid	38		35		10-164	8		30
Benzyl Alcohol	80		82		26-116	2		30
Carbazole	88		94		55-144	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG2013962-2 WG2013962-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	62		65		21-120
Phenol-d6	42		43		10-120
Nitrobenzene-d5	83		82		23-120
2-Fluorobiphenyl	69		76		15-120
2,4,6-Tribromophenol	99		101		10-120
4-Terphenyl-d14	82		86		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06-07 Batch: WG2013963-2 WG2013963-3								
Acenaphthene	93		103		40-140	10		40
2-Chloronaphthalene	79		88		40-140	11		40
Fluoranthene	114		120		40-140	5		40
Hexachlorobutadiene	65		77		40-140	17		40
Naphthalene	77		87		40-140	12		40
Benzo(a)anthracene	115		125		40-140	8		40
Benzo(a)pyrene	117		129		40-140	10		40
Benzo(b)fluoranthene	118		122		40-140	3		40
Benzo(k)fluoranthene	114		133		40-140	15		40
Chrysene	122		135		40-140	10		40
Acenaphthylene	86		94		40-140	9		40
Anthracene	107		118		40-140	10		40
Benzo(ghi)perylene	104		117		40-140	12		40
Fluorene	101		110		40-140	9		40
Phenanthrene	113		124		40-140	9		40
Dibenzo(a,h)anthracene	107		120		40-140	11		40
Indeno(1,2,3-cd)pyrene	112		123		40-140	9		40
Pyrene	113		120		40-140	6		40
2-Methylnaphthalene	77		87		40-140	12		40
Pentachlorophenol	116		124		40-140	7		40
Hexachlorobenzene	110		124		40-140	12		40
Hexachloroethane	66		78		40-140	17		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06-07 Batch: WG2013963-2 WG2013963-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		68		21-120
Phenol-d6	48		52		10-120
Nitrobenzene-d5	86		94		23-120
2-Fluorobiphenyl	75		83		15-120
2,4,6-Tribromophenol	116		**123**	Q	10-120
4-Terphenyl-d14	99		104		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2014301-2 WG2014301-3								
Acenaphthene	78		77		31-137	1		50
1,2,4-Trichlorobenzene	68		73		38-107	7		50
Hexachlorobenzene	72		74		40-140	3		50
Bis(2-chloroethyl)ether	73		78		40-140	7		50
2-Chloronaphthalene	74		76		40-140	3		50
1,2-Dichlorobenzene	68		72		40-140	6		50
1,3-Dichlorobenzene	67		70		40-140	4		50
1,4-Dichlorobenzene	67		71		28-104	6		50
3,3'-Dichlorobenzidine	68		71		40-140	4		50
2,4-Dinitrotoluene	85		84		40-132	1		50
2,6-Dinitrotoluene	79		84		40-140	6		50
Fluoranthene	78		78		40-140	0		50
4-Chlorophenyl phenyl ether	77		79		40-140	3		50
4-Bromophenyl phenyl ether	78		77		40-140	1		50
Bis(2-chloroisopropyl)ether	73		79		40-140	8		50
Bis(2-chloroethoxy)methane	78		82		40-117	5		50
Hexachlorobutadiene	76		78		40-140	3		50
Hexachlorocyclopentadiene	95		96		40-140	1		50
Hexachloroethane	74		80		40-140	8		50
Isophorone	79		85		40-140	7		50
Naphthalene	75		76		40-140	1		50
Nitrobenzene	81		85		40-140	5		50
NDPA/DPA	78		78		36-157	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2014301-2 WG2014301-3								
n-Nitrosodi-n-propylamine	82		85		32-121	4		50
Bis(2-ethylhexyl)phthalate	82		85		40-140	4		50
Butyl benzyl phthalate	87		88		40-140	1		50
Di-n-butylphthalate	85		85		40-140	0		50
Di-n-octylphthalate	86		88		40-140	2		50
Diethyl phthalate	80		81		40-140	1		50
Dimethyl phthalate	76		80		40-140	5		50
Benzo(a)anthracene	75		76		40-140	1		50
Benzo(a)pyrene	87		84		40-140	4		50
Benzo(b)fluoranthene	81		77		40-140	5		50
Benzo(k)fluoranthene	81		83		40-140	2		50
Chrysene	75		76		40-140	1		50
Acenaphthylene	83		87		40-140	5		50
Anthracene	84		82		40-140	2		50
Benzo(ghi)perylene	84		86		40-140	2		50
Fluorene	77		78		40-140	1		50
Phenanthrene	79		79		40-140	0		50
Dibenzo(a,h)anthracene	85		84		40-140	1		50
Indeno(1,2,3-cd)pyrene	84		82		40-140	2		50
Pyrene	80		79		35-142	1		50
Biphenyl	76		79		37-127	4		50
4-Chloroaniline	64		66		40-140	3		50
2-Nitroaniline	86		92		47-134	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2014301-2 WG2014301-3								
3-Nitroaniline	69		68		26-129	1		50
4-Nitroaniline	86		86		41-125	0		50
Dibenzofuran	80		80		40-140	0		50
2-Methylnaphthalene	67		70		40-140	4		50
1,2,4,5-Tetrachlorobenzene	78		79		40-117	1		50
Acetophenone	81		85		14-144	5		50
2,4,6-Trichlorophenol	80		82		30-130	2		50
p-Chloro-m-cresol	85		89		26-103	5		50
2-Chlorophenol	71		77		25-102	8		50
2,4-Dichlorophenol	76		81		30-130	6		50
2,4-Dimethylphenol	88		95		30-130	8		50
2-Nitrophenol	80		86		30-130	7		50
4-Nitrophenol	101		102		11-114	1		50
2,4-Dinitrophenol	69		77		4-130	11		50
4,6-Dinitro-o-cresol	79		84		10-130	6		50
Pentachlorophenol	67		72		17-109	7		50
Phenol	84		89		26-90	6		50
2-Methylphenol	78		84		30-130.	7		50
3-Methylphenol/4-Methylphenol	79		83		30-130	5		50
2,4,5-Trichlorophenol	78		84		30-130	7		50
Benzoic Acid	65		66		10-110	2		50
Benzyl Alcohol	86		91		40-140	6		50
Carbazole	84		83		54-128	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2014301-2 WG2014301-3								
1,4-Dioxane	65		64		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		73		25-120
Phenol-d6	72		77		10-120
Nitrobenzene-d5	73		78		23-120
2-Fluorobiphenyl	70		70		30-120
2,4,6-Tribromophenol	72		74		10-136
4-Terphenyl-d14	71		71		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 07 Batch: WG2017605-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	97		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	100		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	94		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	92		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	96		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	91		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	85		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	100		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	105		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	102		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	95		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	100		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	94		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	100		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	99		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	86		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	97		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	95		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	88		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	102		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	92		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 07 Batch: WG2017605-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	110		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	100		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	115		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	97		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	83		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	89		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	101		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	91		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	98		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	97		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	98		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	98		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	92		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	97		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	99		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	109		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	99		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	96		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	72		-		50-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 07 Batch: WG2017605-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	96				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	101				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	97				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	97				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	106				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	96				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	98				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	119				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	91				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	85				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	89				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	65				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	94				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	75				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	84				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	82				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	95				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	52				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	52				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	72				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	73				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 07 Batch: WG2017605-3								
Perfluorobutanoic Acid (PFBA)	107		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	109		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	110		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	102		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	99		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	106		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	107		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	116		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	108		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	111		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	101		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	102		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	96		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	100		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	112		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	106		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	90		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	106		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	106		-		70-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 07 Batch: WG2017605-3								
Perfluorododecanoic Acid (PFDoA)	117		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	103		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	119		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	110		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	107		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	94		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	113		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	99		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	120		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	112		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	105		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	110		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	105		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	107		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	108		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	132		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	107		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	103		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	74		-		50-145	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 07 Batch: WG2017605-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	87				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	85				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	89				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	105				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	93				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	57				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	92				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	65				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	75				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	92				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	47				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	50				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	70				10-130

PCBS

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-01
Client ID: SB-8 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 09:10
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/27/24 12:19
Analyst: MHG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 12/26/24 18:47
Cleanup Method: EPA 3665A
Cleanup Date: 12/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.6	4.85	1	A
Aroclor 1221	ND		ug/kg	54.6	5.48	1	A
Aroclor 1232	ND		ug/kg	54.6	11.6	1	A
Aroclor 1242	ND		ug/kg	54.6	7.37	1	A
Aroclor 1248	ND		ug/kg	54.6	8.20	1	A
Aroclor 1254	ND		ug/kg	54.6	5.98	1	A
Aroclor 1260	ND		ug/kg	54.6	10.1	1	A
Aroclor 1262	ND		ug/kg	54.6	6.94	1	A
Aroclor 1268	ND		ug/kg	54.6	5.66	1	A
PCBs, Total	ND		ug/kg	54.6	4.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-02
Client ID: SB-15 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 09:35
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/27/24 12:26
Analyst: MHG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 12/26/24 18:47
Cleanup Method: EPA 3665A
Cleanup Date: 12/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.6	4.76	1	A
Aroclor 1221	ND		ug/kg	53.6	5.38	1	A
Aroclor 1232	ND		ug/kg	53.6	11.4	1	A
Aroclor 1242	ND		ug/kg	53.6	7.23	1	A
Aroclor 1248	ND		ug/kg	53.6	8.05	1	A
Aroclor 1254	ND		ug/kg	53.6	5.87	1	A
Aroclor 1260	ND		ug/kg	53.6	9.92	1	A
Aroclor 1262	ND		ug/kg	53.6	6.81	1	A
Aroclor 1268	ND		ug/kg	53.6	5.56	1	A
PCBs, Total	ND		ug/kg	53.6	4.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-03
Client ID: SB-7 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 10:30
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/27/24 12:34
Analyst: MHG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 12/26/24 18:47
Cleanup Method: EPA 3665A
Cleanup Date: 12/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.1	5.25	1	A
Aroclor 1221	ND		ug/kg	59.1	5.93	1	A
Aroclor 1232	ND		ug/kg	59.1	12.5	1	A
Aroclor 1242	ND		ug/kg	59.1	7.97	1	A
Aroclor 1248	ND		ug/kg	59.1	8.87	1	A
Aroclor 1254	ND		ug/kg	59.1	6.47	1	A
Aroclor 1260	ND		ug/kg	59.1	10.9	1	A
Aroclor 1262	ND		ug/kg	59.1	7.51	1	A
Aroclor 1268	ND		ug/kg	59.1	6.13	1	A
PCBs, Total	ND		ug/kg	59.1	5.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-04
Client ID: SB-6 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 11:00
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/27/24 12:41
Analyst: MHG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/26/24 18:47
Cleanup Method: EPA 3665A
Cleanup Date: 12/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.3	4.65	1	A
Aroclor 1221	ND		ug/kg	52.3	5.24	1	A
Aroclor 1232	ND		ug/kg	52.3	11.1	1	A
Aroclor 1242	ND		ug/kg	52.3	7.06	1	A
Aroclor 1248	ND		ug/kg	52.3	7.85	1	A
Aroclor 1254	ND		ug/kg	52.3	5.73	1	A
Aroclor 1260	ND		ug/kg	52.3	9.67	1	A
Aroclor 1262	ND		ug/kg	52.3	6.65	1	A
Aroclor 1268	ND		ug/kg	52.3	5.42	1	A
PCBs, Total	ND		ug/kg	52.3	4.65	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-05
Client ID: SB-5 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 12:30
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/30/24 10:40
Analyst: EMR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 12/30/24 01:53
Cleanup Method: EPA 3665A
Cleanup Date: 12/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.3	4.64	1	A
Aroclor 1221	ND		ug/kg	52.3	5.24	1	A
Aroclor 1232	ND		ug/kg	52.3	11.1	1	A
Aroclor 1242	ND		ug/kg	52.3	7.05	1	A
Aroclor 1248	ND		ug/kg	52.3	7.84	1	A
Aroclor 1254	ND		ug/kg	52.3	5.72	1	A
Aroclor 1260	ND		ug/kg	52.3	9.66	1	A
Aroclor 1262	ND		ug/kg	52.3	6.64	1	A
Aroclor 1268	ND		ug/kg	52.3	5.42	1	A
PCBs, Total	ND		ug/kg	52.3	4.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-06
Client ID: TW-2
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 13:30
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/29/24 14:48
Analyst: RMP

Extraction Method: EPA 3510C
Extraction Date: 12/29/24 00:07
Cleanup Method: EPA 3665A
Cleanup Date: 12/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-07
Client ID: TW-3
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 11:45
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/29/24 14:57
Analyst: RMP

Extraction Method: EPA 3510C
Extraction Date: 12/29/24 00:07
Cleanup Method: EPA 3665A
Cleanup Date: 12/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/26/24 15:39
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 12/26/24 01:17
Cleanup Method: EPA 3665A
Cleanup Date: 12/26/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/26/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG2013443-1						
Aroclor 1016	ND		ug/kg	46.9	4.16	A
Aroclor 1221	ND		ug/kg	46.9	4.70	A
Aroclor 1232	ND		ug/kg	46.9	9.94	A
Aroclor 1242	ND		ug/kg	46.9	6.32	A
Aroclor 1248	ND		ug/kg	46.9	7.04	A
Aroclor 1254	ND		ug/kg	46.9	5.13	A
Aroclor 1260	ND		ug/kg	46.9	8.67	A
Aroclor 1262	ND		ug/kg	46.9	5.96	A
Aroclor 1268	ND		ug/kg	46.9	4.86	B
PCBs, Total	ND		ug/kg	46.9	4.16	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/29/24 12:55
Analyst: RMP

Extraction Method: EPA 3510C
Extraction Date: 12/28/24 03:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 06-07 Batch: WG2014306-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/30/24 08:45
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 12/29/24 04:12
Cleanup Method: EPA 3665A
Cleanup Date: 12/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05 Batch: WG2014490-1						
Aroclor 1016	ND		ug/kg	49.6	4.40	A
Aroclor 1221	ND		ug/kg	49.6	4.97	A
Aroclor 1232	ND		ug/kg	49.6	10.5	A
Aroclor 1242	ND		ug/kg	49.6	6.69	A
Aroclor 1248	ND		ug/kg	49.6	7.44	A
Aroclor 1254	ND		ug/kg	49.6	5.43	A
Aroclor 1260	ND		ug/kg	49.6	9.17	A
Aroclor 1262	ND		ug/kg	49.6	6.30	A
Aroclor 1268	ND		ug/kg	49.6	5.14	A
PCBs, Total	ND		ug/kg	49.6	4.40	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	101		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG2013443-2 WG2013443-3									
Aroclor 1016	72		76		40-140	5		50	A
Aroclor 1260	73		79		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		69		30-150	A
Decachlorobiphenyl	69		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		72		30-150	B
Decachlorobiphenyl	67		69		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 06-07 Batch: WG2014306-2 WG2014306-3									
Aroclor 1016	82		84		40-140	3		50	A
Aroclor 1260	91		90		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		80		30-150	A
Decachlorobiphenyl	76		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		82		30-150	B
Decachlorobiphenyl	88		88		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05 Batch: WG2014490-2 WG2014490-3									
Aroclor 1016	94		90		40-140	4		50	A
Aroclor 1260	97		94		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		87		30-150	A
Decachlorobiphenyl	88		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		88		30-150	B
Decachlorobiphenyl	97		93		30-150	B

PESTICIDES

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-01
Client ID: SB-8 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 09:10
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/28/24 05:33
Analyst: EMR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 12/26/24 14:35
Cleanup Method: EPA 3620B
Cleanup Date: 12/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.725	0.324	1	A
Alpha-BHC	ND		ug/kg	0.725	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.659	1	A
Heptachlor	ND		ug/kg	0.870	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.612	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.978	1	A
Endrin	ND		ug/kg	0.725	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.761	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.544	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.620	1	A
4,4'-DDT	ND		ug/kg	1.74	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.581	1	A
Endosulfan sulfate	ND		ug/kg	0.725	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.13	1	A
cis-Chlordane	ND		ug/kg	2.17	0.606	1	A
trans-Chlordane	ND		ug/kg	2.17	0.574	1	A
Chlordane	ND		ug/kg	14.5	5.76	1	A

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-01 Date Collected: 12/20/24 09:10

Client ID: SB-8 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	40		30-150	A
Decachlorobiphenyl	**27**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-02
Client ID: SB-15 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 09:35
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/28/24 05:45
Analyst: EMR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 12/26/24 14:35
Cleanup Method: EPA 3620B
Cleanup Date: 12/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.334	1	A
Lindane	ND		ug/kg	0.711	0.318	1	A
Alpha-BHC	ND		ug/kg	0.711	0.202	1	A
Beta-BHC	ND		ug/kg	1.70	0.647	1	A
Heptachlor	ND		ug/kg	0.853	0.382	1	A
Aldrin	ND		ug/kg	1.70	0.600	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.959	1	A
Endrin	ND		ug/kg	0.711	0.291	1	A
Endrin aldehyde	ND		ug/kg	2.13	0.746	1	A
Endrin ketone	ND		ug/kg	1.70	0.439	1	A
Dieldrin	ND		ug/kg	1.07	0.533	1	A
4,4'-DDE	1.87		ug/kg	1.70	0.394	1	B
4,4'-DDD	ND		ug/kg	1.70	0.608	1	A
4,4'-DDT	4.60		ug/kg	1.70	1.37	1	B
Endosulfan I	ND		ug/kg	1.70	0.403	1	A
Endosulfan II	ND		ug/kg	1.70	0.570	1	A
Endosulfan sulfate	ND		ug/kg	0.711	0.338	1	A
Methoxychlor	ND		ug/kg	3.20	0.995	1	A
Toxaphene	ND		ug/kg	32.0	8.95	1	A
cis-Chlordane	ND		ug/kg	2.13	0.594	1	A
trans-Chlordane	ND		ug/kg	2.13	0.563	1	A
Chlordane	ND		ug/kg	14.2	5.65	1	A

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-02 Date Collected: 12/20/24 09:35

Client ID: SB-15 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	62		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-03
Client ID: SB-7 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 10:30
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/28/24 05:56
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 12/26/24 14:35
Cleanup Method: EPA 3620B
Cleanup Date: 12/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.367	1	A
Lindane	ND		ug/kg	0.782	0.350	1	A
Alpha-BHC	ND		ug/kg	0.782	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.712	1	A
Heptachlor	ND		ug/kg	0.938	0.421	1	A
Aldrin	ND		ug/kg	1.88	0.661	1	A
Heptachlor epoxide	ND		ug/kg	3.52	1.06	1	A
Endrin	ND		ug/kg	0.782	0.320	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.821	1	A
Endrin ketone	ND		ug/kg	1.88	0.483	1	A
Dieldrin	ND		ug/kg	1.17	0.586	1	A
4,4'-DDE	ND		ug/kg	1.88	0.434	1	A
4,4'-DDD	ND		ug/kg	1.88	0.669	1	A
4,4'-DDT	ND		ug/kg	1.88	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.443	1	A
Endosulfan II	ND		ug/kg	1.88	0.627	1	A
Endosulfan sulfate	ND		ug/kg	0.782	0.372	1	A
Methoxychlor	ND		ug/kg	3.52	1.09	1	A
Toxaphene	ND		ug/kg	35.2	9.85	1	A
cis-Chlordane	ND		ug/kg	2.34	0.654	1	A
trans-Chlordane	ND		ug/kg	2.34	0.619	1	A
Chlordane	ND		ug/kg	15.6	6.22	1	A

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-03 Date Collected: 12/20/24 10:30

Client ID: SB-7 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	67		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-04
Client ID: SB-6 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 11:00
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/28/24 06:08
Analyst: EMR
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 12/26/24 14:35
Cleanup Method: EPA 3620B
Cleanup Date: 12/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.700	0.313	1	A
Alpha-BHC	ND		ug/kg	0.700	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.637	1	A
Heptachlor	ND		ug/kg	0.840	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.945	1	A
Endrin	ND		ug/kg	0.700	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.735	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND		ug/kg	1.05	0.525	1	A
4,4'-DDE	7.26		ug/kg	1.68	0.389	1	A
4,4'-DDD	0.687	J	ug/kg	1.68	0.599	1	B
4,4'-DDT	6.57		ug/kg	1.68	1.35	1	B
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.700	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.980	1	A
Toxaphene	ND		ug/kg	31.5	8.82	1	A
cis-Chlordane	3.76		ug/kg	2.10	0.585	1	A
trans-Chlordane	5.18		ug/kg	2.10	0.554	1	A
Chlordane	ND		ug/kg	14.0	5.57	1	A

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-04 Date Collected: 12/20/24 11:00

Client ID: SB-6 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	69		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-05
Client ID: SB-5 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 12:30
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/28/24 06:20
Analyst: EMR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 12/26/24 14:35
Cleanup Method: EPA 3620B
Cleanup Date: 12/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.326	1	A
Lindane	ND		ug/kg	0.695	0.310	1	A
Alpha-BHC	ND		ug/kg	0.695	0.197	1	A
Beta-BHC	ND		ug/kg	1.67	0.632	1	A
Heptachlor	ND		ug/kg	0.834	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.587	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.938	1	A
Endrin	ND		ug/kg	0.695	0.285	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.730	1	A
Endrin ketone	ND		ug/kg	1.67	0.429	1	A
Dieldrin	ND		ug/kg	1.04	0.521	1	A
4,4'-DDE	13.8		ug/kg	1.67	0.386	1	B
4,4'-DDD	1.10	J	ug/kg	1.67	0.595	1	B
4,4'-DDT	2.68		ug/kg	1.67	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.394	1	A
Endosulfan II	ND		ug/kg	1.67	0.557	1	A
Endosulfan sulfate	ND		ug/kg	0.695	0.331	1	A
Methoxychlor	ND		ug/kg	3.13	0.973	1	A
Toxaphene	ND		ug/kg	31.3	8.75	1	A
cis-Chlordane	0.872	J	ug/kg	2.08	0.581	1	A
trans-Chlordane	3.56		ug/kg	2.08	0.550	1	A
Chlordane	ND		ug/kg	13.9	5.52	1	A

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-05 Date Collected: 12/20/24 12:30

Client ID: SB-5 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	72		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-06
Client ID: TW-2
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 13:30
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/27/24 16:57
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 12/26/24 06:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	0.083		ug/l	0.014	0.005	1	B
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-06 Date Collected: 12/20/24 13:30

Client ID: TW-2 Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	74		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-07
Client ID: TW-3
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 12/20/24 11:45
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/27/24 17:08
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 12/26/24 06:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-07 Date Collected: 12/20/24 11:45

Client ID: TW-3 Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	77		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/27/24 12:04
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 12/26/24 06:16

Cleanup Method: EPA 3660B
Cleanup Date: 12/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06-07 Batch: WG2013479-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/27/24 12:04
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 12/26/24 06:16

Cleanup Method: EPA 3660B
Cleanup Date: 12/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06-07 Batch: WG2013479-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/28/24 04:10
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 12/26/24 14:35
Cleanup Method: EPA 3620B
Cleanup Date: 12/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG2013750-1						
Delta-BHC	ND		ug/kg	1.55	0.303	A
Lindane	ND		ug/kg	0.646	0.288	A
Alpha-BHC	ND		ug/kg	0.646	0.183	A
Beta-BHC	ND		ug/kg	1.55	0.587	A
Heptachlor	ND		ug/kg	0.775	0.347	A
Aldrin	ND		ug/kg	1.55	0.546	A
Heptachlor epoxide	ND		ug/kg	2.90	0.872	A
Endrin	ND		ug/kg	0.646	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.678	A
Endrin ketone	ND		ug/kg	1.55	0.399	A
Dieldrin	ND		ug/kg	0.968	0.484	A
4,4'-DDE	ND		ug/kg	1.55	0.358	A
4,4'-DDD	ND		ug/kg	1.55	0.553	A
4,4'-DDT	ND		ug/kg	1.55	1.24	A
Endosulfan I	ND		ug/kg	1.55	0.366	A
Endosulfan II	ND		ug/kg	1.55	0.518	A
Endosulfan sulfate	ND		ug/kg	0.646	0.307	A
Methoxychlor	ND		ug/kg	2.90	0.904	A
Toxaphene	ND		ug/kg	29.0	8.13	A
cis-Chlordane	ND		ug/kg	1.94	0.540	A
trans-Chlordane	ND		ug/kg	1.94	0.511	A
Chlordane	ND		ug/kg	12.9	5.13	A

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/28/24 04:10
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 12/26/24 14:35
Cleanup Method: EPA 3620B
Cleanup Date: 12/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 12/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG2013750-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	68		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06-07 Batch: WG2013479-2 WG2013479-3									
Delta-BHC	76		81		30-150	5		20	A
Lindane	95		99		30-150	4		20	A
Alpha-BHC	94		100		30-150	6		20	A
Beta-BHC	96		99		30-150	3		20	A
Heptachlor	93		97		30-150	4		20	A
Aldrin	93		97		30-150	5		20	A
Heptachlor epoxide	93		96		30-150	3		20	A
Endrin	94		97		30-150	4		20	A
Endrin aldehyde	75		81		30-150	8		20	A
Endrin ketone	89		96		30-150	7		20	A
Dieldrin	93		96		30-150	3		20	A
4,4'-DDE	93		95		30-150	3		20	A
4,4'-DDD	107		109		30-150	2		20	A
4,4'-DDT	85		89		30-150	5		20	A
Endosulfan I	90		93		30-150	3		20	A
Endosulfan II	91		97		30-150	6		20	A
Endosulfan sulfate	84		90		30-150	7		20	A
Methoxychlor	90		94		30-150	5		20	A
cis-Chlordane	87		89		30-150	2		20	A
trans-Chlordane	98		101		30-150	3		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

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

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06-07 Batch: WG2013479-2 WG2013479-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		90		30-150	A
Decachlorobiphenyl	66		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		97		30-150	B
Decachlorobiphenyl	115		82		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG2013750-2 WG2013750-3									
Delta-BHC	92		90		30-150	2		30	A
Lindane	78		77		30-150	1		30	A
Alpha-BHC	78		78		30-150	0		30	A
Beta-BHC	78		75		30-150	4		30	A
Heptachlor	80		80		30-150	0		30	A
Aldrin	80		78		30-150	3		30	A
Heptachlor epoxide	67		65		30-150	3		30	A
Endrin	82		79		30-150	4		30	A
Endrin aldehyde	66		64		30-150	3		30	A
Endrin ketone	82		79		30-150	4		30	A
Dieldrin	78		76		30-150	3		30	A
4,4'-DDE	79		77		30-150	3		30	A
4,4'-DDD	87		84		30-150	4		30	A
4,4'-DDT	80		76		30-150	5		30	A
Endosulfan I	77		74		30-150	4		30	A
Endosulfan II	80		77		30-150	4		30	A
Endosulfan sulfate	78		75		30-150	4		30	A
Methoxychlor	76		75		30-150	1		30	A
cis-Chlordane	71		69		30-150	3		30	A
trans-Chlordane	74		73		30-150	1		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

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

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG2013750-2 WG2013750-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		64		30-150	A
Decachlorobiphenyl	52		52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		78		30-150	B
Decachlorobiphenyl	71		72		30-150	B

METALS

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-01 Date Collected: 12/20/24 09:10

Client ID: SB-8 (0.5-1) Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9480		mg/kg	8.71	2.35	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.36	0.331	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.13		mg/kg	0.871	0.181	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Barium, Total	56.4		mg/kg	0.871	0.152	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.252	J	mg/kg	0.436	0.029	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.871	0.085	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Calcium, Total	3970		mg/kg	8.71	3.05	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Chromium, Total	6.13		mg/kg	0.871	0.084	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.26		mg/kg	1.74	0.145	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Copper, Total	11.5		mg/kg	0.871	0.225	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Iron, Total	13600		mg/kg	4.36	0.787	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Lead, Total	2.83	J	mg/kg	4.36	0.233	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Magnesium, Total	3510		mg/kg	8.71	1.34	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Manganese, Total	257		mg/kg	0.871	0.138	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.089	0.058	1	12/30/24 10:25	12/30/24 12:39	EPA 7471B	1,7471B	MJR
Nickel, Total	5.46		mg/kg	2.18	0.211	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Potassium, Total	1960		mg/kg	218	12.5	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.74	0.225	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.436	0.246	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Sodium, Total	701		mg/kg	174	2.74	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.74	0.274	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Vanadium, Total	15.5		mg/kg	0.871	0.177	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC
Zinc, Total	31.8		mg/kg	4.36	0.255	2	12/30/24 09:57	12/30/24 14:03	EPA 3050B	1,6010D	DMC

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-02
Client ID: SB-15 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/20/24 09:35
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11800		mg/kg	8.30	2.24	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.15	0.316	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Arsenic, Total	3.09		mg/kg	0.830	0.173	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Barium, Total	93.5		mg/kg	0.830	0.144	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.300	J	mg/kg	0.415	0.027	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.102	J	mg/kg	0.830	0.081	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Calcium, Total	3740		mg/kg	8.30	2.91	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Chromium, Total	17.6		mg/kg	0.830	0.080	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.07		mg/kg	1.66	0.138	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Copper, Total	27.7		mg/kg	0.830	0.214	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Iron, Total	16400		mg/kg	4.15	0.750	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Lead, Total	44.3		mg/kg	4.15	0.222	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Magnesium, Total	4990		mg/kg	8.30	1.28	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Manganese, Total	262		mg/kg	0.830	0.132	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Mercury, Total	0.103		mg/kg	0.083	0.054	1	12/30/24 10:25	12/30/24 12:43	EPA 7471B	1,7471B	MJR
Nickel, Total	9.22		mg/kg	2.08	0.201	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Potassium, Total	2280		mg/kg	208	12.0	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Selenium, Total	0.251	J	mg/kg	1.66	0.214	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.415	0.235	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Sodium, Total	118	J	mg/kg	166	2.62	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Thallium, Total	0.320	J	mg/kg	1.66	0.262	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Vanadium, Total	23.5		mg/kg	0.830	0.168	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC
Zinc, Total	60.2		mg/kg	4.15	0.243	2	12/30/24 09:57	12/30/24 14:18	EPA 3050B	1,6010D	DMC

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-03
Client ID: SB-7 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/20/24 10:30
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	17600		mg/kg	9.39	2.54	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Antimony, Total	0.357	J	mg/kg	4.70	0.357	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Arsenic, Total	3.15		mg/kg	0.939	0.195	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Barium, Total	80.4		mg/kg	0.939	0.163	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.527		mg/kg	0.470	0.031	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.939	0.092	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Calcium, Total	1640		mg/kg	9.39	3.29	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Chromium, Total	11.2		mg/kg	0.939	0.090	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Cobalt, Total	5.90		mg/kg	1.88	0.156	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Copper, Total	12.1		mg/kg	0.939	0.242	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Iron, Total	19400		mg/kg	4.70	0.848	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Lead, Total	16.0		mg/kg	4.70	0.252	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Magnesium, Total	3190		mg/kg	9.39	1.45	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Manganese, Total	333		mg/kg	0.939	0.149	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.088	0.057	1	12/30/24 10:25	12/30/24 12:46	EPA 7471B	1,7471B	MJR
Nickel, Total	8.48		mg/kg	2.35	0.227	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Potassium, Total	623		mg/kg	235	13.5	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.88	0.242	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.470	0.266	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Sodium, Total	88.9	J	mg/kg	188	2.96	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.88	0.296	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Vanadium, Total	25.2		mg/kg	0.939	0.191	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC
Zinc, Total	37.3		mg/kg	4.70	0.275	2	12/30/24 09:57	12/30/24 14:23	EPA 3050B	1,6010D	DMC

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-04
Client ID: SB-6 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/20/24 11:00
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12600		mg/kg	8.34	2.25	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.17	0.317	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.62		mg/kg	0.834	0.173	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Barium, Total	107		mg/kg	0.834	0.145	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.268	J	mg/kg	0.417	0.028	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.834	0.082	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Calcium, Total	9410		mg/kg	8.34	2.92	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Chromium, Total	16.2		mg/kg	0.834	0.080	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Cobalt, Total	7.79		mg/kg	1.67	0.138	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Copper, Total	48.0		mg/kg	0.834	0.215	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Iron, Total	17900		mg/kg	4.17	0.753	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Lead, Total	12.7		mg/kg	4.17	0.223	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Magnesium, Total	7850		mg/kg	8.34	1.28	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Manganese, Total	169		mg/kg	0.834	0.132	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.071	0.047	1	12/30/24 10:25	12/30/24 12:49	EPA 7471B	1,7471B	MJR
Nickel, Total	9.35		mg/kg	2.08	0.202	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Potassium, Total	2070		mg/kg	208	12.0	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.67	0.215	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.417	0.236	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Sodium, Total	492		mg/kg	167	2.63	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Thallium, Total	0.270	J	mg/kg	1.67	0.263	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Vanadium, Total	32.9		mg/kg	0.834	0.169	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC
Zinc, Total	44.7		mg/kg	4.17	0.244	2	12/30/24 09:57	12/30/24 14:27	EPA 3050B	1,6010D	DMC

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-05
Client ID: SB-5 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/20/24 12:30
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14500		mg/kg	8.20	2.21	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.10	0.312	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Arsenic, Total	4.80		mg/kg	0.820	0.171	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Barium, Total	83.7		mg/kg	0.820	0.143	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.340	J	mg/kg	0.410	0.027	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.820	0.080	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Calcium, Total	2500		mg/kg	8.20	2.87	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Chromium, Total	11.8		mg/kg	0.820	0.079	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.30		mg/kg	1.64	0.136	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Copper, Total	180		mg/kg	0.820	0.212	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Iron, Total	19300		mg/kg	4.10	0.741	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Lead, Total	8.64		mg/kg	4.10	0.220	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Magnesium, Total	3660		mg/kg	8.20	1.26	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Manganese, Total	299		mg/kg	0.820	0.130	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Mercury, Total	0.063	J	mg/kg	0.076	0.049	1	12/30/24 10:25	12/30/24 12:59	EPA 7471B	1,7471B	MJR
Nickel, Total	10.5		mg/kg	2.05	0.198	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Potassium, Total	1340		mg/kg	205	11.8	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.64	0.212	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.410	0.232	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Sodium, Total	156	J	mg/kg	164	2.58	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.64	0.258	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Vanadium, Total	26.6		mg/kg	0.820	0.166	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC
Zinc, Total	31.9		mg/kg	4.10	0.240	2	12/30/24 09:57	12/30/24 14:32	EPA 3050B	1,6010D	DMC

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-06
Client ID: TW-2
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 12/20/24 13:30
Date Received: 12/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	50.6		mg/l	0.0100	0.00327	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Antimony, Total	0.00170	J	mg/l	0.00400	0.00042	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.01240		mg/l	0.00050	0.00016	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Barium, Total	0.8227		mg/l	0.00050	0.00017	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Beryllium, Total	0.00130		mg/l	0.00050	0.00010	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00179		mg/l	0.00020	0.00005	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Calcium, Total	74.4		mg/l	0.100	0.0394	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Chromium, Total	0.1033		mg/l	0.00100	0.00017	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.05853		mg/l	0.00050	0.00016	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Copper, Total	0.5407		mg/l	0.00100	0.00038	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Iron, Total	74.2		mg/l	0.0500	0.0191	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Lead, Total	0.2211		mg/l	0.00100	0.00034	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Magnesium, Total	33.2		mg/l	0.0700	0.0242	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Manganese, Total	2.188		mg/l	0.00100	0.00044	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Mercury, Total	0.00330		mg/l	0.00020	0.00009	1	12/28/24 20:18	12/30/24 07:44	EPA 7470A	1,7470A	JWN
Nickel, Total	0.06752		mg/l	0.00200	0.00055	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Potassium, Total	16.2		mg/l	0.100	0.0309	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Selenium, Total	0.0138		mg/l	0.00500	0.00173	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Silver, Total	0.00060		mg/l	0.00040	0.00016	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Sodium, Total	29.2		mg/l	0.500	0.0293	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Thallium, Total	0.00182		mg/l	0.00100	0.00014	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Vanadium, Total	0.1704		mg/l	0.00500	0.00157	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB
Zinc, Total	0.4781		mg/l	0.01000	0.00341	1	12/28/24 18:57	12/30/24 13:44	EPA 3005A	1,6020B	NTB

Project Name: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-07 Date Collected: 12/20/24 11:45

Client ID: TW-3 Date Received: 12/20/24

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2.20		mg/l	0.0100	0.00327	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00070		mg/l	0.00050	0.00016	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Barium, Total	0.06830		mg/l	0.00050	0.00017	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Calcium, Total	25.8		mg/l	0.100	0.0394	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00283		mg/l	0.00100	0.00017	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00174		mg/l	0.00050	0.00016	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Copper, Total	0.00798		mg/l	0.00100	0.00038	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Iron, Total	2.86		mg/l	0.0500	0.0191	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Lead, Total	0.00216		mg/l	0.00100	0.00034	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Magnesium, Total	4.90		mg/l	0.0700	0.0242	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Manganese, Total	0.1024		mg/l	0.00100	0.00044	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/28/24 20:18	12/30/24 07:47	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00289		mg/l	0.00200	0.00055	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Potassium, Total	4.90		mg/l	0.100	0.0309	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Selenium, Total	0.00573		mg/l	0.00500	0.00173	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Sodium, Total	130.		mg/l	5.00	0.293	10	12/28/24 18:57	12/30/24 15:29	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Vanadium, Total	0.00485	J	mg/l	0.00500	0.00157	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB
Zinc, Total	0.00845	J	mg/l	0.01000	0.00341	1	12/28/24 18:57	12/30/24 14:33	EPA 3005A	1,6020B	NTB

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

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): 06-07 Batch: WG2014446-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Sodium, Total	ND		mg/l	0.500	0.0293	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/28/24 18:57	12/30/24 12:07	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06-07 Batch: WG2014448-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/28/24 20:18	12/30/24 07:18	1,7470A	JWN

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG2014471-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Iron, Total	6.10		mg/kg	2.00	0.361	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Manganese, Total	0.616		mg/kg	0.400	0.064	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Sodium, Total	ND		mg/kg	80.0	1.26	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	12/30/24 09:57	12/30/24 14:56	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

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): 01-05 Batch: WG2014766-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/30/24 10:25	12/30/24 11:40	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG2014446-2								
Aluminum, Total	104		-		80-120	-		
Antimony, Total	90		-		80-120	-		
Arsenic, Total	104		-		80-120	-		
Barium, Total	107		-		80-120	-		
Beryllium, Total	106		-		80-120	-		
Cadmium, Total	105		-		80-120	-		
Calcium, Total	106		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Cobalt, Total	109		-		80-120	-		
Copper, Total	108		-		80-120	-		
Iron, Total	113		-		80-120	-		
Lead, Total	105		-		80-120	-		
Magnesium, Total	104		-		80-120	-		
Manganese, Total	107		-		80-120	-		
Nickel, Total	107		-		80-120	-		
Potassium, Total	105		-		80-120	-		
Selenium, Total	107		-		80-120	-		
Silver, Total	114		-		80-120	-		
Sodium, Total	110		-		80-120	-		
Thallium, Total	104		-		80-120	-		
Vanadium, Total	101		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG2014446-2					
Zinc, Total	105	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG2014448-2					
Mercury, Total	92	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2014471-2					
Aluminum, Total	96	-	80-120	-	
Antimony, Total	98	-	80-120	-	
Arsenic, Total	97	-	80-120	-	
Barium, Total	97	-	80-120	-	
Beryllium, Total	101	-	80-120	-	
Cadmium, Total	95	-	80-120	-	
Calcium, Total	100	-	80-120	-	
Chromium, Total	96	-	80-120	-	
Cobalt, Total	96	-	80-120	-	
Copper, Total	98	-	80-120	-	
Iron, Total	102	-	80-120	-	
Lead, Total	98	-	80-120	-	
Magnesium, Total	96	-	80-120	-	
Manganese, Total	99	-	80-120	-	
Nickel, Total	97	-	80-120	-	
Potassium, Total	101	-	80-120	-	
Selenium, Total	98	-	80-120	-	
Silver, Total	94	-	80-120	-	
Sodium, Total	101	-	80-120	-	
Thallium, Total	97	-	80-120	-	
Vanadium, Total	97	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2014471-2					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG2014766-2					
Mercury, Total	100	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

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): 06-07 QC Batch ID: WG2014446-3 QC Sample: L2475834-01 Client ID: MS Sample												
Aluminum, Total	1.05	2	3.14	104		-	-		75-125	-		20
Antimony, Total	0.00162J	0.5	0.4184	84		-	-		75-125	-		20
Arsenic, Total	0.00234	0.12	0.1043	85		-	-		75-125	-		20
Barium, Total	0.04458	2	2.178	107		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05238	105		-	-		75-125	-		20
Cadmium, Total	0.00011J	0.053	0.05652	107		-	-		75-125	-		20
Calcium, Total	72.3	10	85.9	**136**	Q	-	-		75-125	-		20
Chromium, Total	0.00331	0.2	0.2144	106		-	-		75-125	-		20
Cobalt, Total	0.00184	0.5	0.5512	110		-	-		75-125	-		20
Copper, Total	0.02955	0.25	0.3008	108		-	-		75-125	-		20
Iron, Total	18.6	1	16.8	**0**	Q	-	-		75-125	-		20
Lead, Total	0.00547	0.53	0.5592	104		-	-		75-125	-		20
Magnesium, Total	8.77	10	18.9	101		-	-		75-125	-		20
Manganese, Total	0.3437	0.5	0.8764	106		-	-		75-125	-		20
Nickel, Total	0.00643	0.5	0.5452	108		-	-		75-125	-		20
Potassium, Total	7.00	10	17.6	106		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.0776	**65**	Q	-	-		75-125	-		20
Silver, Total	ND	0.05	0.05622	112		-	-		75-125	-		20
Sodium, Total	2.55	10	13.2	106		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1228	102		-	-		75-125	-		20
Vanadium, Total	0.00251J	0.5	0.5128	102		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

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): 06-07 QC Batch ID: WG2014446-3 QC Sample: L2475834-01 Client ID: MS Sample									
Zinc, Total	0.04321	0.5	0.5551	102	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG2014448-3 QC Sample: L2475016-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00441	88	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

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): 01-05 QC Batch ID: WG2014471-3 WG2014471-4 QC Sample: L2475441-15 Client ID: MS Sample											
Aluminum, Total	3010	161	3030	**12**	Q	2790	**0**	Q	75-125	8	20
Antimony, Total	ND	40.2	36.9	92		37.0	94		75-125	0	20
Arsenic, Total	2.14	9.66	11.7	99		11.5	98		75-125	2	20
Barium, Total	19.2	161	183	102		172	96		75-125	6	20
Beryllium, Total	0.218J	4.02	4.13	103		4.20	106		75-125	2	20
Cadmium, Total	ND	4.26	3.81	89		3.83	91		75-125	1	20
Calcium, Total	848	805	1790	117		1630	99		75-125	9	20
Chromium, Total	8.16	16.1	22.6	90		22.9	93		75-125	1	20
Cobalt, Total	5.37	40.2	41.6	90		41.6	92		75-125	0	20
Copper, Total	10.5	20.1	30.8	101		29.9	98		75-125	3	20
Iron, Total	8210	80.5	8500	**360**	Q	7670	**0**	Q	75-125	10	20
Lead, Total	3.76J	42.6	45.6	107		45.7	109		75-125	0	20
Magnesium, Total	4800	805	6400	**199**	Q	5240	**56**	Q	75-125	20	20
Manganese, Total	200	40.2	282	**204**	Q	250	**126**	Q	75-125	12	20
Nickel, Total	50.7	40.2	92.9	105		83.5	83		75-125	11	20
Potassium, Total	670	805	1530	107		1400	92		75-125	9	20
Selenium, Total	ND	9.66	9.35	97		9.32	98		75-125	0	20
Silver, Total	ND	4.02	3.77	94		3.81	96		75-125	1	20
Sodium, Total	111J	805	903	112		872	110		75-125	3	20
Thallium, Total	ND	9.66	9.24	96		9.23	97		75-125	0	20
Vanadium, Total	11.5	40.2	49.6	95		50.4	98		75-125	2	20

Matrix Spike Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

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): 01-05 QC Batch ID: WG2014471-3 WG2014471-4 QC Sample: L2475441-15 Client ID: MS Sample									
Zinc, Total	18.7	40.2	53.7	87	54.2	90	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG2014766-3 WG2014766-4 QC Sample: L2475441-15 Client ID: MS Sample									
Mercury, Total	ND	1.44	1.43	99	1.63	100	80-120	13	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG2014446-4 QC Sample: L2475834-01 Client ID: DUP Sample						
Aluminum, Total	1.05	0.974	mg/l	8		20
Antimony, Total	0.00162J	0.00045J	mg/l	NC		20
Arsenic, Total	0.00234	0.00213	mg/l	10		20
Barium, Total	0.04458	0.04180	mg/l	6		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	0.00011J	0.00010J	mg/l	NC		20
Chromium, Total	0.00331	0.00308	mg/l	7		20
Cobalt, Total	0.00184	0.00176	mg/l	4		20
Copper, Total	0.02955	0.02809	mg/l	5		20
Iron, Total	18.6	17.4	mg/l	7		20
Lead, Total	0.00547	0.00421	mg/l	**26**	Q	20
Manganese, Total	0.3437	0.3365	mg/l	2		20
Nickel, Total	0.00643	0.00366	mg/l	**55**	Q	20
Potassium, Total	7.00	6.96	mg/l	1		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	2.55	2.34	mg/l	9		20
Thallium, Total	ND	ND	mg/l	NC		20
Vanadium, Total	0.00251J	0.00210J	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG2014446-4 QC Sample: L2475834-01 Client ID: DUP Sample						
Zinc, Total	0.04321	0.02626	mg/l	**49**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG2014448-4 QC Sample: L2475016-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-01
Client ID: SB-8 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/20/24 09:10
Date Received: 12/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	12/21/24 13:58	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	12/27/24 11:10	12/27/24 15:32	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-02
Client ID: SB-15 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil
Date Collected: 12/20/24 09:35
Date Received: 12/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	12/21/24 13:58	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	12/27/24 11:10	12/27/24 15:35	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-03
Client ID: SB-7 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/20/24 10:30
Date Received: 12/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	12/21/24 13:58	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	12/27/24 11:10	12/27/24 15:36	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-04
Client ID: SB-6 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/20/24 11:00
Date Received: 12/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.2		%	0.100	NA	1	-	12/21/24 14:11	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	12/27/24 11:10	12/27/24 15:39	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-05
Client ID: SB-5 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/20/24 12:30
Date Received: 12/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.5		%	0.100	NA	1	-	12/21/24 14:11	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	12/27/24 11:10	12/27/24 15:40	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-06
Client ID: TW-2
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Water

Date Collected: 12/20/24 13:30
Date Received: 12/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/27/24 11:10	12/27/24 14:45	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

SAMPLE RESULTS

Lab ID: L2475472-07
Client ID: TW-3
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Water
Date Collected: 12/20/24 11:45
Date Received: 12/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/27/24 11:10	12/27/24 14:46	1,9010C/9012B	JER

Project Name: PEEKSKILL
Project Number: 13904
Lab Number: L2475472
Report Date: 01/10/25

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): 01-05 Batch: WG2014050-1										
Cyanide, Total	ND		mg/kg	0.84	0.18	1	12/27/24 11:10	12/27/24 15:16	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 06-07 Batch: WG2014053-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/27/24 11:10	12/27/24 14:41	1,9010C/9012B	JER

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG2014050-2 WG2014050-3								
Cyanide, Total	97		86		80-120	12		35
General Chemistry - Westborough Lab Associated sample(s): 06-07 Batch: WG2014053-2 WG2014053-3								
Cyanide, Total	99		96		85-115	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

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): 01-05 QC Batch ID: WG2014050-4 WG2014050-5 QC Sample: L2475472-01 Client ID: SB-8 (0.5-1)												
Cyanide, Total	ND	10	9.6	96		9.7	88		75-125	9		35
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2014050-6 WG2014050-7 QC Sample: L2475464-01 Client ID: MS Sample												
Cyanide, Total	13	11	27	**127**	Q	29	**133**	Q	75-125	5		35
General Chemistry - Westborough Lab Associated sample(s): 06-07 QC Batch ID: WG2014053-4 WG2014053-5 QC Sample: L2476085-01 Client ID: MS Sample												
Cyanide, Total	0.009	0.2	0.210	100		0.166	**78**	Q	80-120	**23**	Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PEEKSKILL

Project Number: 13904

Lab Number: L2475472

Report Date: 01/10/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG2012152-1 QC Sample: L2475089-07 Client ID: DUP Sample						
Solids, Total	89.0	89.5	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 04-05 QC Batch ID: WG2012154-1 QC Sample: L2475097-04 Client ID: DUP Sample						
Solids, Total	94.5	95.0	%	1		20

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2475472-01A	Vial MeOH preserved	B	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2475472-01B	Vial water preserved	B	NA		2.1	Y	Absent	21-DEC-24 02:17	NYTCL-8260HLW(14)
L2475472-01C	Vial water preserved	B	NA		2.1	Y	Absent	21-DEC-24 02:17	NYTCL-8260HLW(14)
L2475472-01D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2475472-01E	Plastic 120ml unpreserved	B	NA		2.1	Y	Absent		TS(7)
L2475472-01F	Glass 250ml/8oz unpreserved	B	NA		2.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2475472-02A	Vial MeOH preserved	B	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2475472-02B	Vial water preserved	B	NA		2.1	Y	Absent	21-DEC-24 02:17	NYTCL-8260HLW(14)
L2475472-02C	Vial water preserved	B	NA		2.1	Y	Absent	21-DEC-24 02:17	NYTCL-8260HLW(14)
L2475472-02D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2475472-02E	Plastic 120ml unpreserved	B	NA		2.1	Y	Absent		TS(7)
L2475472-02F	Glass 250ml/8oz unpreserved	B	NA		2.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2475472-03A	Vial MeOH preserved	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2475472-03B	Vial water preserved	A	NA		2.4	Y	Absent	21-DEC-24 02:17	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2475472-03C	Vial water preserved	A	NA		2.4	Y	Absent	21-DEC-24 02:17	NYTCL-8260HLW(14)
L2475472-03D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-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)
L2475472-03E	Plastic 120ml unpreserved	A	NA		2.4	Y	Absent		TS(7)
L2475472-03F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2475472-04A	Vial MeOH preserved	B	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2475472-04B	Vial water preserved	B	NA		2.1	Y	Absent	21-DEC-24 02:17	NYTCL-8260HLW(14)
L2475472-04C	Vial water preserved	B	NA		2.1	Y	Absent	21-DEC-24 02:17	NYTCL-8260HLW(14)
L2475472-04D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2475472-04E	Plastic 120ml unpreserved	B	NA		2.1	Y	Absent		TS(7)
L2475472-04F	Glass 250ml/8oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2475472-05A	Vial MeOH preserved	B	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2475472-05B	Vial water preserved	B	NA		2.1	Y	Absent	21-DEC-24 02:17	NYTCL-8260HLW(14)
L2475472-05C	Vial water preserved	B	NA		2.1	Y	Absent	21-DEC-24 02:17	NYTCL-8260HLW(14)
L2475472-05D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2475472-05E	Plastic 120ml unpreserved	B	NA		2.1	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2475472-05F	Glass 250ml/8oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2475472-06A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2475472-06B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2475472-06C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2475472-06D	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2475472-06E	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2475472-06F	Amber 120ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2475472-06G	Amber 120ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2475472-06H	Amber 120ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2475472-06J	Amber 120ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2475472-06K	Plastic 250ml NaOH preserved	A	>12	>12	2.4	Y	Absent		TCN-9010(14)
L2475472-06L	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2475472-07A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2475472-07B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2475472-07C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2475472-07D	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2475472-07E	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2475472-07F	Amber 120ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2475472-07G	Amber 120ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2475472-07H	Amber 120ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2475472-07J	Amber 120ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)

*Values in parentheses indicate holding time in days

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2475472-07K	Plastic 250ml NaOH preserved	A	>12	>12	2.4	Y	Absent		TCN-9010(14)
L2475472-07L	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		SE-6020T(180),FE-6020T(180),TL-6020T(180),BA-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2475472-07M	Plastic 500ml unpreserved	B	NA		2.1	Y	Absent		A2-NY-1633(28)
L2475472-07N	Plastic 500ml unpreserved	B	NA		2.1	Y	Absent		A2-NY-1633(28)

*Values in parentheses indicate holding time in days

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: PEEKSKILL
Project Number: 13904

Lab Number: L2475472
Report Date: 01/10/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	PEEKSKILL	**Lab Number:**	L2475472
Project Number:	13904	**Report Date:**	01/10/25

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:	PEEKSKILL	**Lab Number:**	L2475472
Project Number:	13904	**Report Date:**	01/10/25

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:	PEEKSKILL	**Lab Number:**	L2475472
Project Number:	13904	**Report Date:**	01/10/25

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: PEEKSKILL **Lab Number:** L2475472

Project Number: 13904 **Report Date:** 01/10/25

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.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

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
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

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: 12/20/24

L2475472 30DEC24
SESI

Client Information
Client: SESI
Address: 959 Rt 46 E Fl 3 5300
Parsippany NJ 07054
Phone: 973 808 9050
Fax:
Email: Sheng.Long@SESI.org

Project Information
Project Name: Peekskill
Project Location: 495 N Division St Peekskill, NY
Project #: 13904
(Use Project name as Project #)
Project Manager: Sheng Long
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

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

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:

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+30/TAL	PFAS (1633)	Total Bottle	Sample Specific Comments
75472-01	SB-8 (0.5-1)	12/20/24	910	Soil	CB	✓		6	
02	SB-15 (0.5-1)		935			✓			
03	SB-7 (0.5-1)		1030			✓			
04	SB-6 (0.5-1)		1100			✓			
05	SB-5 (0.5-1)		1230			✓			
06	TW-2		1330	GW		✓			
07	TW-3		1145			✓	✓	8	

Container Type: P/A / N
Preservative: — / Some

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
	12/20/24		12/20/24 15:50
	12/20/24		12/20/24 17:45
	12/20/24 23:36		12/21/24 21:00
			12-22-24 23:10

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:	L2505081
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Sheng Long
Phone:	(973) 808-9050
Project Name:	PEEKSKILL NY
Project Number:	13904
Report Date:	02/05/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

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: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2505081-01	SB-110 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	01/28/25 11:30	01/29/25
L2505081-02	SB-111 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	01/28/25 14:00	01/29/25
L2505081-03	SB-112 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	01/28/25 12:10	01/29/25
L2505081-04	SB-113 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	01/28/25 12:30	01/29/25
L2505081-05	SB-114 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	01/28/25 11:15	01/29/25
L2505081-06	SB-115 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	01/28/25 12:00	01/29/25
L2505081-07	SB-116 (2-2.5)	SOIL	418 N DIVISION ST PEEKSKILL, NY	01/28/25 15:30	01/29/25
L2505081-08	SB-118 (3.5-4)	SOIL	418 N DIVISION ST PEEKSKILL, NY	01/28/25 12:05	01/29/25
L2505081-09	SB-119 (8-8.5)	SOIL	418 N DIVISION ST PEEKSKILL, NY	01/28/25 15:00	01/29/25
L2505081-10	SB-107 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	01/28/25 15:45	01/29/25

Project Name:	PEEKSKILL NY	**Lab Number:**	L2505081
Project Number:	13904	**Report Date:**	02/05/25

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: PEEKSKILL NY **Lab Number:** L2505081
Project Number: 13904 **Report Date:** 02/05/25

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.

Volatile Organics

L2505081-08: The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

Semivolatile Organics

L2505081-08D: The sample has elevated detection limits due to the dilution required by the sample matrix.
The WG2025467-2/-3 LCS/LCSD recoveries associated with L2505081-01, -02D, -02, -03, -04, -05, -06, -07, -08D, -09, and -10 are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Pesticides

L2505081-02: The internal standard (IS) response for 1-bromo-2-nitrobenzene (643%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (11%) and decachlorobiphenyl (24%) due to interference with the Internal Standard.

Total Metals

L2505081-01 through -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.
The WG2025404-3 MS recoveries, performed on L2505081-01, are outside the acceptance criteria for antimony (46%) and zinc (194%). A post digestion spike was performed and was within acceptance criteria.

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Case Narrative (continued)

The WG2025404-3 MS recoveries for aluminum (239%), calcium (0%), iron (434%), magnesium (206%) and manganese (148%), performed on L2505081-01, do not apply because the sample concentrations are greater than four times the spike amounts added.
The WG2025404-4 Laboratory Duplicate RPDs for barium (22%), calcium (56%) and magnesium (38%), performed on L2505081-01, are outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.
The WG2025405-4 Laboratory Duplicate RPD for mercury (26%), performed on L2505081-01, is above the acceptance criteria; however, the sample and duplicate results are less than five times the reporting limit. Therefore, the RPD is valid.

Cyanide, Total
The WG2026387-2/-3 LCS/LCSD recoveries associated with L2505081-01 through -10 are outside our in-house acceptance criteria for cyanide, total (60%/38%), but within the vendor-certified acceptance limits. The results of the original analyses are reported. The LCS/LCSD RPD is above acceptance criteria for cyanide, total (44%).

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: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 02/05/25

ORGANICS

VOLATILES

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-01
Client ID: SB-110 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 11:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/04/25 12:32
Analyst: JIC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.5	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.35	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	0.70	J	ug/kg	0.75	0.30	1
Chlorobenzene	ND		ug/kg	0.75	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.0	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.39	1
1,1,1-Trichloroethane	0.33	J	ug/kg	0.75	0.25	1
Bromodichloromethane	ND		ug/kg	0.75	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.75	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.75	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.75	0.24	1
Bromoform	ND		ug/kg	6.0	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.75	0.25	1
Benzene	ND		ug/kg	0.75	0.25	1
Toluene	ND		ug/kg	1.5	0.82	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	6.0	1.4	1
Bromomethane	ND		ug/kg	3.0	0.87	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.68	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.21	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-01 Date Collected: 01/28/25 11:30

Client ID: SB-110 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.75	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.84	1
o-Xylene	ND		ug/kg	1.5	0.44	1
Xylenes, Total	ND		ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.21	1
Dibromomethane	ND		ug/kg	3.0	0.36	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.2	1
Carbon disulfide	ND		ug/kg	15	6.8	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.31	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.75	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
o-Chlorotoluene	ND		ug/kg	3.0	0.29	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	6.0	0.98	1
Acrylonitrile	ND		ug/kg	6.0	1.7	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-01 Date Collected: 01/28/25 11:30

Client ID: SB-110 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.41	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.50	1
1,4-Dioxane	ND		ug/kg	120	53.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.27	1
p-Ethyltoluene	ND		ug/kg	3.0	0.58	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.29	1
Ethyl ether	ND		ug/kg	3.0	0.51	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.5	2.1	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-02
Client ID: SB-111 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 14:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/04/25 13:10
Analyst: JIC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	14	6.6	1
1,1-Dichloroethane	ND		ug/kg	2.9	0.42	1
Chloroform	ND		ug/kg	4.4	0.41	1
Carbon tetrachloride	ND		ug/kg	2.9	0.67	1
1,2-Dichloropropane	ND		ug/kg	2.9	0.36	1
Dibromochloromethane	ND		ug/kg	2.9	0.41	1
1,1,2-Trichloroethane	ND		ug/kg	2.9	0.78	1
Tetrachloroethene	ND		ug/kg	1.4	0.57	1
Chlorobenzene	ND		ug/kg	1.4	0.37	1
Trichlorofluoromethane	ND		ug/kg	12	2.0	1
1,2-Dichloroethane	0.80	J	ug/kg	2.9	0.75	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.48	1
Bromodichloromethane	ND		ug/kg	1.4	0.32	1
trans-1,3-Dichloropropene	ND		ug/kg	2.9	0.79	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.46	1
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.46	1
1,1-Dichloropropene	ND		ug/kg	1.4	0.46	1
Bromoform	ND		ug/kg	12	0.71	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.48	1
Benzene	1.8		ug/kg	1.4	0.48	1
Toluene	5.8		ug/kg	2.9	1.6	1
Ethylbenzene	0.42	J	ug/kg	2.9	0.41	1
Chloromethane	ND		ug/kg	12	2.7	1
Bromomethane	ND		ug/kg	5.8	1.7	1
Vinyl chloride	ND		ug/kg	2.9	0.97	1
Chloroethane	ND		ug/kg	5.8	1.3	1
1,1-Dichloroethene	ND		ug/kg	2.9	0.69	1
trans-1,2-Dichloroethene	ND		ug/kg	4.4	0.40	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-02 Date Collected: 01/28/25 14:00

Client ID: SB-111 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.4	0.40	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.42	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.43	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.50	1
Methyl tert butyl ether	ND		ug/kg	5.8	0.58	1
p/m-Xylene	3.4	J	ug/kg	5.8	1.6	1
o-Xylene	1.1	J	ug/kg	2.9	0.84	1
Xylenes, Total	4.5	J	ug/kg	2.9	0.84	1
cis-1,2-Dichloroethene	ND		ug/kg	2.9	0.51	1
1,2-Dichloroethene, Total	ND		ug/kg	2.9	0.40	1
Dibromomethane	ND		ug/kg	5.8	0.69	1
Styrene	ND		ug/kg	2.9	0.57	1
Dichlorodifluoromethane	ND		ug/kg	29	2.6	1
Acetone	ND		ug/kg	29	14.	1
Carbon disulfide	ND		ug/kg	29	13.	1
2-Butanone	ND		ug/kg	29	6.4	1
Vinyl acetate	ND		ug/kg	29	6.2	1
4-Methyl-2-pentanone	ND		ug/kg	29	3.7	1
1,2,3-Trichloropropane	ND		ug/kg	5.8	0.37	1
2-Hexanone	ND		ug/kg	29	3.4	1
Bromochloromethane	ND		ug/kg	5.8	0.60	1
2,2-Dichloropropane	ND		ug/kg	5.8	0.59	1
1,2-Dibromoethane	ND		ug/kg	2.9	0.81	1
1,3-Dichloropropane	ND		ug/kg	5.8	0.48	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.38	1
Bromobenzene	ND		ug/kg	5.8	0.42	1
n-Butylbenzene	ND		ug/kg	2.9	0.48	1
sec-Butylbenzene	ND		ug/kg	2.9	0.42	1
tert-Butylbenzene	ND		ug/kg	5.8	0.34	1
o-Chlorotoluene	ND		ug/kg	5.8	0.56	1
p-Chlorotoluene	ND		ug/kg	5.8	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.7	2.9	1
Hexachlorobutadiene	ND		ug/kg	12	0.49	1
Isopropylbenzene	ND		ug/kg	2.9	0.32	1
p-Isopropyltoluene	ND		ug/kg	2.9	0.32	1
Naphthalene	ND		ug/kg	12	1.9	1
Acrylonitrile	ND		ug/kg	12	3.3	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-02 Date Collected: 01/28/25 14:00

Client ID: SB-111 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	2.9	0.50	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.94	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.79	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	0.56	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.8	0.97	1
1,4-Dioxane	ND		ug/kg	230	100	1
p-Diethylbenzene	0.83	J	ug/kg	5.8	0.51	1
p-Ethyltoluene	ND		ug/kg	5.8	1.1	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.8	0.56	1
Ethyl ether	ND		ug/kg	5.8	0.99	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	14	4.1	1

Tentatively Identified Compounds						
Total TIC Compounds	64.9	J	ug/kg			1
Cyclopentane	64.9	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-03
Client ID: SB-112 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 12:10
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/04/25 13:48
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.89	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.21	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.64	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.6	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-03 Date Collected: 01/28/25 12:10

Client ID: SB-112 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.64	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.6	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.24	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.83	1
Acrylonitrile	ND		ug/kg	5.1	1.5	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-03 Date Collected: 01/28/25 12:10

Client ID: SB-112 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.22	1
p-Ethyltoluene	ND		ug/kg	2.6	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.24	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	1.8	1
Tentatively Identified Compounds						
Total TIC Compounds	63.1	J	ug/kg			1
Cyclopentane	63.1	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	100		70-130

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-04
Client ID: SB-113 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 12:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/04/25 14:27
Analyst: JIC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-04 Date Collected: 01/28/25 12:30

Client ID: SB-113 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-04 Date Collected: 01/28/25 12:30

Client ID: SB-113 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1
Tentatively Identified Compounds						
Total TIC Compounds	2.51	J	ug/kg			1
Unknown	2.51	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	99		70-130

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-05
Client ID: SB-114 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 11:15
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/04/25 15:05
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.20	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-05 Date Collected: 01/28/25 11:15

Client ID: SB-114 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.24	1
p/m-Xylene	ND		ug/kg	2.3	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.3	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-05 Date Collected: 01/28/25 11:15

Client ID: SB-114 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.21	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.7	1
Tentatively Identified Compounds						
Total TIC Compounds	6.86	J	ug/kg			1
Unknown	6.86	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	85		70-130

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-06
Client ID: SB-115 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 12:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/04/25 15:44
Analyst: JIC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	0.48	J	ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	0.24	J	ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-06 Date Collected: 01/28/25 12:00

Client ID: SB-115 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.77	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-06 Date Collected: 01/28/25 12:00

Client ID: SB-115 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1
Tentatively Identified Compounds						
Total TIC Compounds	13.0	J	ug/kg			1
Cyclopentane	13.0	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-07 Date Collected: 01/28/25 15:30

Client ID: SB-116 (2-2.5) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 02/04/25 16:22

Analyst: JIC

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	11	4.9	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.31	1
Chloroform	0.57	J	ug/kg	3.2	0.30	1
Carbon tetrachloride	ND		ug/kg	2.1	0.49	1
1,2-Dichloropropane	ND		ug/kg	2.1	0.27	1
Dibromochloromethane	ND		ug/kg	2.1	0.30	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.57	1
Tetrachloroethene	0.61	J	ug/kg	1.1	0.42	1
Chlorobenzene	ND		ug/kg	1.1	0.27	1
Trichlorofluoromethane	ND		ug/kg	8.5	1.5	1
1,2-Dichloroethane	ND		ug/kg	2.1	0.55	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.36	1
Bromodichloromethane	ND		ug/kg	1.1	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	2.1	0.58	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.34	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.34	1
1,1-Dichloropropene	ND		ug/kg	1.1	0.34	1
Bromoform	ND		ug/kg	8.5	0.52	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.35	1
Benzene	ND		ug/kg	1.1	0.35	1
Toluene	ND		ug/kg	2.1	1.2	1
Ethylbenzene	ND		ug/kg	2.1	0.30	1
Chloromethane	ND		ug/kg	8.5	2.0	1
Bromomethane	ND		ug/kg	4.3	1.2	1
Vinyl chloride	ND		ug/kg	2.1	0.71	1
Chloroethane	ND		ug/kg	4.3	0.96	1
1,1-Dichloroethene	ND		ug/kg	2.1	0.51	1
trans-1,2-Dichloroethene	ND		ug/kg	3.2	0.29	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-07 Date Collected: 01/28/25 15:30

Client ID: SB-116 (2-2.5) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.1	0.29	1
1,2-Dichlorobenzene	ND		ug/kg	4.3	0.31	1
1,3-Dichlorobenzene	ND		ug/kg	4.3	0.32	1
1,4-Dichlorobenzene	ND		ug/kg	4.3	0.36	1
Methyl tert butyl ether	ND		ug/kg	4.3	0.43	1
p/m-Xylene	ND		ug/kg	4.3	1.2	1
o-Xylene	ND		ug/kg	2.1	0.62	1
Xylenes, Total	ND		ug/kg	2.1	0.62	1
cis-1,2-Dichloroethene	ND		ug/kg	2.1	0.37	1
1,2-Dichloroethene, Total	ND		ug/kg	2.1	0.29	1
Dibromomethane	ND		ug/kg	4.3	0.51	1
Styrene	ND		ug/kg	2.1	0.42	1
Dichlorodifluoromethane	ND		ug/kg	21	2.0	1
Acetone	ND		ug/kg	21	10.	1
Carbon disulfide	ND		ug/kg	21	9.7	1
2-Butanone	ND		ug/kg	21	4.7	1
Vinyl acetate	ND		ug/kg	21	4.6	1
4-Methyl-2-pentanone	ND		ug/kg	21	2.7	1
1,2,3-Trichloropropane	ND		ug/kg	4.3	0.27	1
2-Hexanone	ND		ug/kg	21	2.5	1
Bromochloromethane	ND		ug/kg	4.3	0.44	1
2,2-Dichloropropane	ND		ug/kg	4.3	0.43	1
1,2-Dibromoethane	ND		ug/kg	2.1	0.59	1
1,3-Dichloropropane	ND		ug/kg	4.3	0.36	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.28	1
Bromobenzene	ND		ug/kg	4.3	0.31	1
n-Butylbenzene	ND		ug/kg	2.1	0.36	1
sec-Butylbenzene	ND		ug/kg	2.1	0.31	1
tert-Butylbenzene	ND		ug/kg	4.3	0.25	1
o-Chlorotoluene	ND		ug/kg	4.3	0.41	1
p-Chlorotoluene	ND		ug/kg	4.3	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.4	2.1	1
Hexachlorobutadiene	ND		ug/kg	8.5	0.36	1
Isopropylbenzene	ND		ug/kg	2.1	0.23	1
p-Isopropyltoluene	ND		ug/kg	2.1	0.23	1
Naphthalene	ND		ug/kg	8.5	1.4	1
Acrylonitrile	ND		ug/kg	8.5	2.4	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-07 Date Collected: 01/28/25 15:30

Client ID: SB-116 (2-2.5) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	2.1	0.36	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.3	0.69	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.3	0.58	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.3	0.41	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.3	0.71	1
1,4-Dioxane	ND		ug/kg	170	75.	1
p-Diethylbenzene	ND		ug/kg	4.3	0.38	1
p-Ethyltoluene	ND		ug/kg	4.3	0.82	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.3	0.41	1
Ethyl ether	ND		ug/kg	4.3	0.73	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	11	3.0	1
Tentatively Identified Compounds						
Total TIC Compounds	316	J	ug/kg			1
Boric acid, trimethyl ester	217	NJ	ug/kg			1
Unknown	26.8	J	ug/kg			1
Cyclopentane	71.8	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	99		70-130

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-08
Client ID: SB-118 (3.5-4)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 12:05
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/04/25 18:18
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.1	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	3.6		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	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	1.3		ug/kg	0.71	0.28	1
Chlorobenzene	ND		ug/kg	0.71	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.99	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	1.5		ug/kg	0.71	0.24	1
Bromodichloromethane	ND		ug/kg	0.71	0.16	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	0.23	1
Bromoform	ND		ug/kg	5.7	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.71	0.24	1
Benzene	0.52	J	ug/kg	0.71	0.24	1
Toluene	1.4		ug/kg	1.4	0.77	1
Ethylbenzene	0.30	J	ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.7	1.3	1
Bromomethane	ND		ug/kg	2.8	0.83	1
Vinyl chloride	ND		ug/kg	1.4	0.48	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	0.20	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-08 Date Collected: 01/28/25 12:05

Client ID: SB-118 (3.5-4) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.86		ug/kg	0.71	0.20	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	0.29	1
p/m-Xylene	1.3	J	ug/kg	2.8	0.80	1
o-Xylene	0.55	J	ug/kg	1.4	0.41	1
Xylenes, Total	1.9	J	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	0.20	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	17		ug/kg	14	6.8	1
Carbon disulfide	ND		ug/kg	14	6.5	1
2-Butanone	5.2	J	ug/kg	14	3.2	1
Vinyl acetate	ND		ug/kg	14	3.1	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	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	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	0.21	1
n-Butylbenzene	0.32	J	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	4.3	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.24	1
Isopropylbenzene	0.18	J	ug/kg	1.4	0.16	1
p-Isopropyltoluene	0.27	J	ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.7	0.92	1
Acrylonitrile	ND		ug/kg	5.7	1.6	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-08 Date Collected: 01/28/25 12:05

Client ID: SB-118 (3.5-4) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.27	J	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	0.39	1
1,3,5-Trimethylbenzene	0.75	J	ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	1.7	J	ug/kg	2.8	0.48	1
1,4-Dioxane	ND		ug/kg	110	50.	1
p-Diethylbenzene	1.5	J	ug/kg	2.8	0.25	1
p-Ethyltoluene	1.4	J	ug/kg	2.8	0.55	1
1,2,4,5-Tetramethylbenzene	0.29	J	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						
Total TIC Compounds	91.8	J	ug/kg			1
Unknown Cyclohexane	17.2	J	ug/kg			1
Unknown	6.10	J	ug/kg			1
Unknown Cycloalkane	10.2	J	ug/kg			1
Unknown Cyclohexane	5.34	J	ug/kg			1
Unknown Cyclohexane	6.21	J	ug/kg			1
Cyclohexane, methyl-	5.70	NJ	ug/kg			1
Unknown	11.8	J	ug/kg			1
Unknown	8.97	J	ug/kg			1
1-Pentene	8.42	NJ	ug/kg			1
Unknown Cyclohexane	11.9	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	100		70-130

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-08
Client ID: SB-118 (3.5-4)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 12:05
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/04/25 18:57
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	380	170	1
1,1-Dichloroethane	26	J	ug/kg	75	11.	1
Chloroform	220		ug/kg	110	10.	1
Carbon tetrachloride	ND		ug/kg	75	17.	1
1,2-Dichloropropane	ND		ug/kg	75	9.4	1
Dibromochloromethane	ND		ug/kg	75	10.	1
1,1,2-Trichloroethane	ND		ug/kg	75	20.	1
Tetrachloroethene	270		ug/kg	38	15.	1
Chlorobenzene	ND		ug/kg	38	9.6	1
Trichlorofluoromethane	ND		ug/kg	300	52.	1
1,2-Dichloroethane	ND		ug/kg	75	19.	1
1,1,1-Trichloroethane	720		ug/kg	38	13.	1
Bromodichloromethane	ND		ug/kg	38	8.2	1
trans-1,3-Dichloropropene	ND		ug/kg	75	21.	1
cis-1,3-Dichloropropene	ND		ug/kg	38	12.	1
1,3-Dichloropropene, Total	ND		ug/kg	38	12.	1
1,1-Dichloropropene	ND		ug/kg	38	12.	1
Bromoform	ND		ug/kg	300	18.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	38	12.	1
Benzene	390		ug/kg	38	12.	1
Toluene	1500		ug/kg	75	41.	1
Ethylbenzene	150		ug/kg	75	11.	1
Chloromethane	ND		ug/kg	300	70.	1
Bromomethane	ND		ug/kg	150	44.	1
Vinyl chloride	ND		ug/kg	75	25.	1
Chloroethane	ND		ug/kg	150	34.	1
1,1-Dichloroethene	ND		ug/kg	75	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	10.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-08 Date Collected: 01/28/25 12:05

Client ID: SB-118 (3.5-4) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	680		ug/kg	38	10.	1
1,2-Dichlorobenzene	ND		ug/kg	150	11.	1
1,3-Dichlorobenzene	ND		ug/kg	150	11.	1
1,4-Dichlorobenzene	ND		ug/kg	150	13.	1
Methyl tert butyl ether	ND		ug/kg	150	15.	1
p/m-Xylene	1200		ug/kg	150	42.	1
o-Xylene	300		ug/kg	75	22.	1
Xylenes, Total	1500		ug/kg	75	22.	1
cis-1,2-Dichloroethene	ND		ug/kg	75	13.	1
1,2-Dichloroethene, Total	ND		ug/kg	75	10.	1
Dibromomethane	ND		ug/kg	150	18.	1
Styrene	ND		ug/kg	75	15.	1
Dichlorodifluoromethane	ND		ug/kg	750	69.	1
Acetone	ND		ug/kg	750	360	1
Carbon disulfide	ND		ug/kg	750	340	1
2-Butanone	ND		ug/kg	750	170	1
Vinyl acetate	ND		ug/kg	750	160	1
4-Methyl-2-pentanone	ND		ug/kg	750	97.	1
1,2,3-Trichloropropane	ND		ug/kg	150	9.6	1
2-Hexanone	ND		ug/kg	750	89.	1
Bromochloromethane	ND		ug/kg	150	15.	1
2,2-Dichloropropane	ND		ug/kg	150	15.	1
1,2-Dibromoethane	ND		ug/kg	75	21.	1
1,3-Dichloropropane	ND		ug/kg	150	13.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	38	10.	1
Bromobenzene	ND		ug/kg	150	11.	1
n-Butylbenzene	ND		ug/kg	75	13.	1
sec-Butylbenzene	ND		ug/kg	75	11.	1
tert-Butylbenzene	ND		ug/kg	150	8.9	1
o-Chlorotoluene	ND		ug/kg	150	14.	1
p-Chlorotoluene	ND		ug/kg	150	8.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	230	75.	1
Hexachlorobutadiene	ND		ug/kg	300	13.	1
Isopropylbenzene	ND		ug/kg	75	8.2	1
p-Isopropyltoluene	ND		ug/kg	75	8.2	1
Naphthalene	78	J	ug/kg	300	49.	1
Acrylonitrile	ND		ug/kg	300	87.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-08 Date Collected: 01/28/25 12:05

Client ID: SB-118 (3.5-4) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	33	J	ug/kg	75	13.	1
1,2,3-Trichlorobenzene	ND		ug/kg	150	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	20.	1
1,3,5-Trimethylbenzene	53	J	ug/kg	150	14.	1
1,2,4-Trimethylbenzene	140	J	ug/kg	150	25.	1
1,4-Dioxane	ND		ug/kg	6000	2600	1
p-Diethylbenzene	38	J	ug/kg	150	13.	1
p-Ethyltoluene	240		ug/kg	150	29.	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	150	14.	1
Ethyl ether	ND		ug/kg	150	26.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	380	110	1
Tentatively Identified Compounds						
Total TIC Compounds	4870	J	ug/kg			1
Octane	401	NJ	ug/kg			1
n-Hexane	358	NJ	ug/kg			1
Unknown	471	J	ug/kg			1
Unknown Alkane	271	J	ug/kg			1
Boric acid, trimethyl ester	3370	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	97		70-130

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-09
Client ID: SB-119 (8-8.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 15:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/04/25 17:01
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-09 Date Collected: 01/28/25 15:00

Client ID: SB-119 (8-8.5) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	6.9	J	ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	2.6	J	ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-09 Date Collected: 01/28/25 15:00

Client ID: SB-119 (8-8.5) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.1	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1
Tentatively Identified Compounds						
Total TIC Compounds	61.5	J	ug/kg			1
Unknown Cyclohexane	2.32	J	ug/kg			1
Unknown Alkane	2.53	J	ug/kg			1
Unknown Alkane	8.02	J	ug/kg			1
Unknown Alkane	2.64	J	ug/kg			1
Cyclopentane	42.6	NJ	ug/kg			1
Unknown Alkane	3.37	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	98		70-130

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-10
Client ID: SB-107 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 15:45
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/04/25 17:40
Analyst: JIC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	0.40	J	ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.90	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.22	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.64	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.70	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.75	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.18	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-10 Date Collected: 01/28/25 15:45

Client ID: SB-107 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.64	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	6.2	J	ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.84	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-10 Date Collected: 01/28/25 15:45

Client ID: SB-107 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	1.8	1

Tentatively Identified Compounds						
Total TIC Compounds	13.2	J	ug/kg			1
Boric acid, trimethyl ester	3.75	NJ	ug/kg			1
Unknown	6.54	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	2.95	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	100		70-130

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/04/25 10:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG2026943-5					
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	ND		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: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/04/25 10:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG2026943-5					
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: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/04/25 10:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG2026943-5					
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	85.5	J	ug/kg
Unknown	2.74	J	ug/kg
Unknown	13.6	J	ug/kg
Boric acid, trimethyl ester	69.2	NJ	ug/kg

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/04/25 10:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG2026943-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	99		70-130

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/04/25 10:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 08 Batch: WG2026945-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/04/25 10:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 08 Batch: WG2026945-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/04/25 10:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 08 Batch: WG2026945-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Tentatively Identified Compounds

Total TIC Compounds	4280	J	ug/kg
Boric acid, trimethyl ester	3460	NJ	ug/kg
Unknown	680	J	ug/kg
Unknown	137	J	ug/kg

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/04/25 10:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 08 Batch: WG2026945-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG2026943-3 WG2026943-4								
Methylene chloride	96		96		70-130	0		30
1,1-Dichloroethane	99		98		70-130	1		30
Chloroform	94		94		70-130	0		30
Carbon tetrachloride	90		92		70-130	2		30
1,2-Dichloropropane	99		100		70-130	1		30
Dibromochloromethane	86		87		70-130	1		30
1,1,2-Trichloroethane	88		88		70-130	0		30
Tetrachloroethene	91		92		70-130	1		30
Chlorobenzene	90		90		70-130	0		30
Trichlorofluoromethane	95		94		70-139	1		30
1,2-Dichloroethane	91		91		70-130	0		30
1,1,1-Trichloroethane	92		93		70-130	1		30
Bromodichloromethane	90		91		70-130	1		30
trans-1,3-Dichloropropene	86		86		70-130	0		30
cis-1,3-Dichloropropene	94		94		70-130	0		30
1,1-Dichloropropene	94		95		70-130	1		30
Bromoform	83		85		70-130	2		30
1,1,2,2-Tetrachloroethane	82		82		70-130	0		30
Benzene	94		96		70-130	2		30
Toluene	88		88		70-130	0		30
Ethylbenzene	90		90		70-130	0		30
Chloromethane	90		88		52-130	2		30
Bromomethane	97		102		57-147	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG2026943-3 WG2026943-4								
Vinyl chloride	91		91		67-130	0		30
Chloroethane	101		101		50-151	0		30
1,1-Dichloroethene	98		97		65-135	1		30
trans-1,2-Dichloroethene	98		99		70-130	1		30
Trichloroethene	95		96		70-130	1		30
1,2-Dichlorobenzene	89		90		70-130	1		30
1,3-Dichlorobenzene	90		90		70-130	0		30
1,4-Dichlorobenzene	90		90		70-130	0		30
Methyl tert butyl ether	95		94		66-130	1		30
p/m-Xylene	90		90		70-130	0		30
o-Xylene	89		89		70-130	0		30
cis-1,2-Dichloroethene	95		96		70-130	1		30
Dibromomethane	93		95		70-130	2		30
Styrene	88		88		70-130	0		30
Dichlorodifluoromethane	79		78		30-146	1		30
Acetone	77		75		54-140	3		30
Carbon disulfide	92		92		59-130	0		30
2-Butanone	98		97		70-130	1		30
Vinyl acetate	105		103		70-130	2		30
4-Methyl-2-pentanone	88		85		70-130	3		30
1,2,3-Trichloropropane	83		83		68-130	0		30
2-Hexanone	80		78		70-130	3		30
Bromochloromethane	100		100		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG2026943-3 WG2026943-4								
2,2-Dichloropropane	95		95		70-130	0		30
1,2-Dibromoethane	86		86		70-130	0		30
1,3-Dichloropropane	88		88		69-130	0		30
1,1,1,2-Tetrachloroethane	88		89		70-130	1		30
Bromobenzene	88		89		70-130	1		30
n-Butylbenzene	90		90		70-130	0		30
sec-Butylbenzene	90		91		70-130	1		30
tert-Butylbenzene	89		90		70-130	1		30
o-Chlorotoluene	86		87		70-130	1		30
p-Chlorotoluene	87		87		70-130	0		30
1,2-Dibromo-3-chloropropane	84		83		68-130	1		30
Hexachlorobutadiene	104		105		67-130	1		30
Isopropylbenzene	87		89		70-130	2		30
p-Isopropyltoluene	92		93		70-130	1		30
Naphthalene	96		94		70-130	2		30
Acrylonitrile	106		104		70-130	2		30
n-Propylbenzene	89		90		70-130	1		30
1,2,3-Trichlorobenzene	121		115		70-130	5		30
1,2,4-Trichlorobenzene	102		99		70-130	3		30
1,3,5-Trimethylbenzene	89		90		70-130	1		30
1,2,4-Trimethylbenzene	89		90		70-130	1		30
1,4-Dioxane	122		122		65-136	0		30
p-Diethylbenzene	93		93		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG2026943-3 WG2026943-4								
p-Ethyltoluene	89		90		70-130	1		30
1,2,4,5-Tetramethylbenzene	95		95		70-130	0		30
Ethyl ether	100		99		67-130	1		30
trans-1,4-Dichloro-2-butene	81		80		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		90		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 08 Batch: WG2026945-3 WG2026945-4								
Methylene chloride	96		96		70-130	0		30
1,1-Dichloroethane	99		98		70-130	1		30
Chloroform	94		94		70-130	0		30
Carbon tetrachloride	90		92		70-130	2		30
1,2-Dichloropropane	99		100		70-130	1		30
Dibromochloromethane	86		87		70-130	1		30
1,1,2-Trichloroethane	88		88		70-130	0		30
Tetrachloroethene	91		92		70-130	1		30
Chlorobenzene	90		90		70-130	0		30
Trichlorofluoromethane	95		94		70-139	1		30
1,2-Dichloroethane	91		91		70-130	0		30
1,1,1-Trichloroethane	92		93		70-130	1		30
Bromodichloromethane	90		91		70-130	1		30
trans-1,3-Dichloropropene	86		86		70-130	0		30
cis-1,3-Dichloropropene	94		94		70-130	0		30
1,1-Dichloropropene	94		95		70-130	1		30
Bromoform	83		85		70-130	2		30
1,1,2,2-Tetrachloroethane	82		82		70-130	0		30
Benzene	94		96		70-130	2		30
Toluene	88		88		70-130	0		30
Ethylbenzene	90		90		70-130	0		30
Chloromethane	90		88		52-130	2		30
Bromomethane	97		102		57-147	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 08 Batch: WG2026945-3 WG2026945-4								
Vinyl chloride	91		91		67-130	0		30
Chloroethane	101		101		50-151	0		30
1,1-Dichloroethene	98		97		65-135	1		30
trans-1,2-Dichloroethene	98		99		70-130	1		30
Trichloroethene	95		96		70-130	1		30
1,2-Dichlorobenzene	89		90		70-130	1		30
1,3-Dichlorobenzene	90		90		70-130	0		30
1,4-Dichlorobenzene	90		90		70-130	0		30
Methyl tert butyl ether	95		94		66-130	1		30
p/m-Xylene	90		90		70-130	0		30
o-Xylene	89		89		70-130	0		30
cis-1,2-Dichloroethene	95		96		70-130	1		30
Dibromomethane	93		95		70-130	2		30
Styrene	88		88		70-130	0		30
Dichlorodifluoromethane	79		78		30-146	1		30
Acetone	77		75		54-140	3		30
Carbon disulfide	92		92		59-130	0		30
2-Butanone	98		97		70-130	1		30
Vinyl acetate	105		103		70-130	2		30
4-Methyl-2-pentanone	88		85		70-130	3		30
1,2,3-Trichloropropane	83		83		68-130	0		30
2-Hexanone	80		78		70-130	3		30
Bromochloromethane	100		100		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 08 Batch: WG2026945-3 WG2026945-4								
2,2-Dichloropropane	95		95		70-130	0		30
1,2-Dibromoethane	86		86		70-130	0		30
1,3-Dichloropropane	88		88		69-130	0		30
1,1,1,2-Tetrachloroethane	88		89		70-130	1		30
Bromobenzene	88		89		70-130	1		30
n-Butylbenzene	90		90		70-130	0		30
sec-Butylbenzene	90		91		70-130	1		30
tert-Butylbenzene	89		90		70-130	1		30
o-Chlorotoluene	86		87		70-130	1		30
p-Chlorotoluene	87		87		70-130	0		30
1,2-Dibromo-3-chloropropane	84		83		68-130	1		30
Hexachlorobutadiene	104		105		67-130	1		30
Isopropylbenzene	87		89		70-130	2		30
p-Isopropyltoluene	92		93		70-130	1		30
Naphthalene	96		94		70-130	2		30
Acrylonitrile	106		104		70-130	2		30
n-Propylbenzene	89		90		70-130	1		30
1,2,3-Trichlorobenzene	121		115		70-130	5		30
1,2,4-Trichlorobenzene	102		99		70-130	3		30
1,3,5-Trimethylbenzene	89		90		70-130	1		30
1,2,4-Trimethylbenzene	89		90		70-130	1		30
1,4-Dioxane	122		122		65-136	0		30
p-Diethylbenzene	93		93		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 08 Batch: WG2026945-3 WG2026945-4								
p-Ethyltoluene	89		90		70-130	1		30
1,2,4,5-Tetramethylbenzene	95		95		70-130	0		30
Ethyl ether	100		99		67-130	1		30
trans-1,4-Dichloro-2-butene	81		80		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		90		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	100		100		70-130

SEMIVOLATILES

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-01
Client ID: SB-110 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 11:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/04/25 17:33
Analyst: SLR
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	170		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	39	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-01 Date Collected: 01/28/25 11:30

Client ID: SB-110 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	95	J	ug/kg	120	22.	1
Benzo(a)pyrene	110	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	150		ug/kg	120	34.	1
Benzo(k)fluoranthene	53	J	ug/kg	120	32.	1
Chrysene	130		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	92	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	92	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	23	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	75	J	ug/kg	160	28.	1
Pyrene	170		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	30	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	32	J	ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-01 Date Collected: 01/28/25 11:30

Client ID: SB-110 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1
Tentatively Identified Compounds						
Total TIC Compounds	189	J	ug/kg			1
Tetrachloroethene	189	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	88		18-120

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-02
Client ID: SB-111 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 14:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/04/25 17:57
Analyst: SLR
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	620		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	16000	E	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	3800		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	85	J	ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-02 Date Collected: 01/28/25 14:00

Client ID: SB-111 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	14000	E	ug/kg	120	24.	1
Benzo(a)pyrene	9400	E	ug/kg	170	51.	1
Benzo(b)fluoranthene	9600	E	ug/kg	120	35.	1
Benzo(k)fluoranthene	2200		ug/kg	120	34.	1
Chrysene	13000	E	ug/kg	120	22.	1
Acenaphthylene	8200		ug/kg	170	32.	1
Anthracene	9100	E	ug/kg	120	41.	1
Benzo(ghi)perylene	5900		ug/kg	170	25.	1
Fluorene	1800		ug/kg	210	20.	1
Phenanthrene	12000	E	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	1700		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	4300		ug/kg	170	29.	1
Pyrene	22000	E	ug/kg	120	21.	1
Biphenyl	290	J	ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	320		ug/kg	210	20.	1
2-Methylnaphthalene	2500		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	420		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	84	J	ug/kg	300	33.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-02 Date Collected: 01/28/25 14:00

Client ID: SB-111 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	200	J	ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.6	1
Tentatively Identified Compounds						
Total TIC Compounds	163000	J	ug/kg			1
Unknown	10300	J	ug/kg			1
Unknown PAH	12100	J	ug/kg			1
Unknown Ketone	16700	J	ug/kg			1
Unknown PAH	12700	J	ug/kg			1
Unknown	5500	J	ug/kg			1
Unknown Thiophene	5100	J	ug/kg			1
Unknown	7680	J	ug/kg			1
Unknown	10100	J	ug/kg			1
Unknown PAH	6840	J	ug/kg			1
Unknown PAH	20700	J	ug/kg			1
Unknown	5780	J	ug/kg			1
Unknown	22200	J	ug/kg			1
Unknown PAH	16200	J	ug/kg			1
Unknown Naphthalene	5840	J	ug/kg			1
Unknown PAH	5080	J	ug/kg			1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-02 Date Collected: 01/28/25 14:00

Client ID: SB-111 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	62		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	50		10-136
4-Terphenyl-d14	75		18-120

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-02 D
Client ID: SB-111 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 14:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/05/25 11:55
Analyst: IMK
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	9800		ug/kg	1200	240	10
Benzo(a)anthracene	7900		ug/kg	1200	240	10
Benzo(a)pyrene	6800		ug/kg	1700	510	10
Benzo(b)fluoranthene	6300		ug/kg	1200	350	10
Chrysene	9400		ug/kg	1200	220	10
Anthracene	4100		ug/kg	1200	410	10
Phenanthrene	8500		ug/kg	1200	250	10
Pyrene	20000		ug/kg	1200	210	10

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-03
Client ID: SB-112 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 12:10
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/03/25 03:32
Analyst: IMK
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	240		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	3400		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	89	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-03 Date Collected: 01/28/25 12:10

Client ID: SB-112 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	2000		ug/kg	110	20.	1
Benzo(a)pyrene	1900		ug/kg	140	43.	1
Benzo(b)fluoranthene	2400		ug/kg	110	30.	1
Benzo(k)fluoranthene	820		ug/kg	110	28.	1
Chrysene	1900		ug/kg	110	18.	1
Acenaphthylene	47	J	ug/kg	140	27.	1
Anthracene	570		ug/kg	110	34.	1
Benzo(ghi)perylene	990		ug/kg	140	21.	1
Fluorene	180		ug/kg	180	17.	1
Phenanthrene	2400		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	290		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	870		ug/kg	140	25.	1
Pyrene	2700		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	120	J	ug/kg	180	17.	1
2-Methylnaphthalene	57	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-03 Date Collected: 01/28/25 12:10

Client ID: SB-112 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	320		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	2980	J	ug/kg			1
Unknown	202	J	ug/kg			1
Unknown Thiophene	164	J	ug/kg			1
Unknown Ketone	195	J	ug/kg			1
Unknown Ketone	220	J	ug/kg			1
Unknown PAH	174	J	ug/kg			1
Unknown Thiophene	157	J	ug/kg			1
Unknown PAH	251	J	ug/kg			1
Unknown PAH	361	J	ug/kg			1
Unknown	180	J	ug/kg			1
Unknown Ketone	146	J	ug/kg			1
Unknown PAH	342	J	ug/kg			1
Unknown PAH	233	J	ug/kg			1
Unknown PAH	351	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	75		18-120

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-04
Client ID: SB-113 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 12:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/03/25 03:50
Analyst: IMK
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/31/25 06:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	24	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-04 Date Collected: 01/28/25 12:30

Client ID: SB-113 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	22	J	ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	18	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	160		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	24	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	85	J	ug/kg	140	24.	1
Pyrene	28	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-04 Date Collected: 01/28/25 12:30

Client ID: SB-113 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	170	33.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1
Tentatively Identified Compounds						
Total TIC Compounds	139	J	ug/kg			1
Unknown Organic Acid	139	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	83		18-120

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-05
Client ID: SB-114 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 11:15
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/03/25 04:08
Analyst: IMK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-05 Date Collected: 01/28/25 11:15

Client ID: SB-114 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-05 Date Collected: 01/28/25 11:15

Client ID: SB-114 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	111		30-120
2,4,6-Tribromophenol	29		10-136
4-Terphenyl-d14	96		18-120

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-06
Client ID: SB-115 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 12:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/03/25 04:26
Analyst: IMK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	25	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-06 Date Collected: 01/28/25 12:00

Client ID: SB-115 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	21	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	54	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	22	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	32	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-06 Date Collected: 01/28/25 12:00

Client ID: SB-115 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		25-120
Phenol-d6	34		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	28		10-136
4-Terphenyl-d14	57		18-120

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-07
Client ID: SB-116 (2-2.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 15:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/03/25 04:44
Analyst: IMK
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	240		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	58	J	ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	470		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-07 Date Collected: 01/28/25 15:30

Client ID: SB-116 (2-2.5) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	160		ug/kg	120	23.	1
Benzo(a)pyrene	140	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	130		ug/kg	120	34.	1
Benzo(k)fluoranthene	140		ug/kg	120	32.	1
Chrysene	230		ug/kg	120	21.	1
Acenaphthylene	68	J	ug/kg	160	31.	1
Anthracene	62	J	ug/kg	120	40.	1
Benzo(ghi)perylene	82	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	130		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	57	J	ug/kg	160	28.	1
Pyrene	300		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	68	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-07 Date Collected: 01/28/25 15:30

Client ID: SB-116 (2-2.5) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1
Tentatively Identified Compounds						
Total TIC Compounds	2480	J	ug/kg			1
Unknown Alkane	545	J	ug/kg			1
Unknown	336	J	ug/kg			1
Unknown Alkane	197	J	ug/kg			1
Unknown Organic Acid	745	J	ug/kg			1
Unknown Alkane	262	J	ug/kg			1
Unknown Alkane	197	J	ug/kg			1
Unknown	202	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	71		18-120

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-08 D
Client ID: SB-118 (3.5-4)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 12:05
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/04/25 18:21
Analyst: SLR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	740	96.	5
1,2,4-Trichlorobenzene	ND		ug/kg	920	100	5
Hexachlorobenzene	ND		ug/kg	560	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	830	120	5
2-Chloronaphthalene	ND		ug/kg	920	92.	5
1,2-Dichlorobenzene	ND		ug/kg	920	170	5
1,3-Dichlorobenzene	ND		ug/kg	920	160	5
1,4-Dichlorobenzene	ND		ug/kg	920	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	920	250	5
2,4-Dinitrotoluene	ND		ug/kg	920	180	5
2,6-Dinitrotoluene	ND		ug/kg	920	160	5
Fluoranthene	1600		ug/kg	560	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	920	99.	5
4-Bromophenyl phenyl ether	ND		ug/kg	920	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	93.	5
Hexachlorobutadiene	ND		ug/kg	920	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	840	5
Hexachloroethane	ND		ug/kg	740	150	5
Isophorone	ND		ug/kg	830	120	5
Naphthalene	320	J	ug/kg	920	110	5
Nitrobenzene	ND		ug/kg	830	140	5
NDPA/DPA	ND		ug/kg	740	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	920	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	920	320	5
Butyl benzyl phthalate	ND		ug/kg	920	230	5
Di-n-butylphthalate	ND		ug/kg	920	180	5
Di-n-octylphthalate	ND		ug/kg	920	310	5

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-08 D Date Collected: 01/28/25 12:05

Client ID: SB-118 (3.5-4) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	920	86.	5
Dimethyl phthalate	ND		ug/kg	920	190	5
Benzo(a)anthracene	1100		ug/kg	560	100	5
Benzo(a)pyrene	1300		ug/kg	740	220	5
Benzo(b)fluoranthene	1400		ug/kg	560	160	5
Benzo(k)fluoranthene	460	J	ug/kg	560	150	5
Chrysene	1200		ug/kg	560	96.	5
Acenaphthylene	1200		ug/kg	740	140	5
Anthracene	360	J	ug/kg	560	180	5
Benzo(ghi)perylene	2100		ug/kg	740	110	5
Fluorene	160	J	ug/kg	920	90.	5
Phenanthrene	750		ug/kg	560	110	5
Dibenzo(a,h)anthracene	280	J	ug/kg	560	110	5
Indeno(1,2,3-cd)pyrene	1400		ug/kg	740	130	5
Pyrene	2400		ug/kg	560	92.	5
Biphenyl	ND		ug/kg	2100	120	5
4-Chloroaniline	ND		ug/kg	920	170	5
2-Nitroaniline	ND		ug/kg	920	180	5
3-Nitroaniline	ND		ug/kg	920	170	5
4-Nitroaniline	ND		ug/kg	920	380	5
Dibenzofuran	ND		ug/kg	920	88.	5
2-Methylnaphthalene	110	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	920	97.	5
Acetophenone	ND		ug/kg	920	110	5
2,4,6-Trichlorophenol	ND		ug/kg	560	180	5
p-Chloro-m-cresol	ND		ug/kg	920	140	5
2-Chlorophenol	ND		ug/kg	920	110	5
2,4-Dichlorophenol	ND		ug/kg	830	150	5
2,4-Dimethylphenol	ND		ug/kg	920	300	5
2-Nitrophenol	ND		ug/kg	2000	350	5
4-Nitrophenol	ND		ug/kg	1300	380	5
2,4-Dinitrophenol	ND		ug/kg	4400	430	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	740	200	5
Phenol	ND		ug/kg	920	140	5
2-Methylphenol	ND		ug/kg	920	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-08 D Date Collected: 01/28/25 12:05

Client ID: SB-118 (3.5-4) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	920	180	5
Benzoic Acid	ND		ug/kg	3000	940	5
Benzyl Alcohol	ND		ug/kg	920	280	5
Carbazole	130	J	ug/kg	920	90.	5
1,4-Dioxane	ND		ug/kg	140	42.	5
Tentatively Identified Compounds						
Total TIC Compounds	1980	J	ug/kg			5
Unknown	988	J	ug/kg			5
Unknown	988	J	ug/kg			5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	40		10-136
4-Terphenyl-d14	87		18-120

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-09
Client ID: SB-119 (8-8.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 15:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/03/25 05:21
Analyst: IMK
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	60	J	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-09 Date Collected: 01/28/25 15:00

Client ID: SB-119 (8-8.5) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	50	J	ug/kg	110	20.	1
Benzo(a)pyrene	67	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	55	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	49	J	ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	500		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	71	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	36	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	200		ug/kg	140	25.	1
Pyrene	88	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-09 Date Collected: 01/28/25 15:00

Client ID: SB-119 (8-8.5) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	3650	J	ug/kg			1
Unknown Alkane	326	J	ug/kg			1
Unknown	164	J	ug/kg			1
Unknown	255	J	ug/kg			1
Unknown	354	J	ug/kg			1
Unknown Alkane	551	J	ug/kg			1
Unknown	179	J	ug/kg			1
Unknown	231	J	ug/kg			1
Unknown	177	J	ug/kg			1
Unknown	182	J	ug/kg			1
Unknown	345	J	ug/kg			1
Unknown Alkane	700	J	ug/kg			1
Unknown Alkane	188	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	114		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	118		30-120
2,4,6-Tribromophenol	44		10-136
4-Terphenyl-d14	89		18-120

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-10
Client ID: SB-107 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 15:45
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/03/25 05:39
Analyst: IMK
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	190		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	120	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	130	J	ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-10 Date Collected: 01/28/25 15:45

Client ID: SB-107 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	170		ug/kg	110	20.	1
Benzo(a)pyrene	210		ug/kg	140	44.	1
Benzo(b)fluoranthene	230		ug/kg	110	30.	1
Benzo(k)fluoranthene	89	J	ug/kg	110	29.	1
Chrysene	140		ug/kg	110	19.	1
Acenaphthylene	140		ug/kg	140	28.	1
Anthracene	99	J	ug/kg	110	35.	1
Benzo(ghi)perylene	190		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	120		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	130	J	ug/kg	140	25.	1
Pyrene	180		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	28	J	ug/kg	180	17.	1
2-Methylnaphthalene	84	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-10 Date Collected: 01/28/25 15:45

Client ID: SB-107 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	26	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
Total TIC Compounds	367	J	ug/kg			1
Unknown Organic Acid	198	J	ug/kg			1
Unknown Alkane	169	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	50		10-136
4-Terphenyl-d14	80		18-120

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/01/25 00:00
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG2025467-1					
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	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
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	25.
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: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/01/25 00:00
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG2025467-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
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	25.
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	21.
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	68.
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	24.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/01/25 00:00
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG2025467-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
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	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
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	107		25-120
Phenol-d6	104		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	111		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	118		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG2025467-2 WG2025467-3								
Acenaphthene	97		111		31-137	13		50
1,2,4-Trichlorobenzene	89		102		38-107	14		50
Hexachlorobenzene	99		112		40-140	12		50
Bis(2-chloroethyl)ether	87		97		40-140	11		50
2-Chloronaphthalene	99		113		40-140	13		50
1,2-Dichlorobenzene	84		94		40-140	11		50
1,3-Dichlorobenzene	83		93		40-140	11		50
1,4-Dichlorobenzene	84		92		28-104	9		50
3,3'-Dichlorobenzidine	84		96		40-140	13		50
2,4-Dinitrotoluene	112		126		40-132	12		50
2,6-Dinitrotoluene	112		126		40-140	12		50
Fluoranthene	102		115		40-140	12		50
4-Chlorophenyl phenyl ether	104		117		40-140	12		50
4-Bromophenyl phenyl ether	103		117		40-140	13		50
Bis(2-chloroisopropyl)ether	77		86		40-140	11		50
Bis(2-chloroethoxy)methane	95		108		40-117	13		50
Hexachlorobutadiene	95		109		40-140	14		50
Hexachlorocyclopentadiene	76		96		40-140	23		50
Hexachloroethane	86		97		40-140	12		50
Isophorone	94		105		40-140	11		50
Naphthalene	91		104		40-140	13		50
Nitrobenzene	90		100		40-140	11		50
NDPA/DPA	103		116		36-157	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG2025467-2 WG2025467-3								
n-Nitrosodi-n-propylamine	90		99		32-121	10		50
Bis(2-ethylhexyl)phthalate	100		115		40-140	14		50
Butyl benzyl phthalate	104		121		40-140	15		50
Di-n-butylphthalate	106		120		40-140	12		50
Di-n-octylphthalate	99		116		40-140	16		50
Diethyl phthalate	103		118		40-140	14		50
Dimethyl phthalate	106		120		40-140	12		50
Benzo(a)anthracene	99		114		40-140	14		50
Benzo(a)pyrene	103		117		40-140	13		50
Benzo(b)fluoranthene	98		114		40-140	15		50
Benzo(k)fluoranthene	99		114		40-140	14		50
Chrysene	97		112		40-140	14		50
Acenaphthylene	109		123		40-140	12		50
Anthracene	104		117		40-140	12		50
Benzo(ghi)perylene	102		115		40-140	12		50
Fluorene	102		115		40-140	12		50
Phenanthrene	101		113		40-140	11		50
Dibenzo(a,h)anthracene	101		114		40-140	12		50
Indeno(1,2,3-cd)pyrene	100		112		40-140	11		50
Pyrene	103		115		35-142	11		50
Biphenyl	104		116		37-127	11		50
4-Chloroaniline	65		62		40-140	5		50
2-Nitroaniline	115		131		47-134	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG2025467-2 WG2025467-3								
3-Nitroaniline	84		89		26-129	6		50
4-Nitroaniline	105		117		41-125	11		50
Dibenzofuran	100		112		40-140	11		50
2-Methylnaphthalene	89		101		40-140	13		50
1,2,4,5-Tetrachlorobenzene	103		**118**	Q	40-117	14		50
Acetophenone	97		107		14-144	10		50
2,4,6-Trichlorophenol	106		120		30-130	12		50
p-Chloro-m-cresol	**106**	Q	**120**	Q	26-103	12		50
2-Chlorophenol	92		102		25-102	10		50
2,4-Dichlorophenol	104		115		30-130	10		50
2,4-Dimethylphenol	112		126		30-130	12		50
2-Nitrophenol	104		113		30-130	8		50
4-Nitrophenol	103		**122**	Q	11-114	17		50
2,4-Dinitrophenol	37		39		4-130	5		50
4,6-Dinitro-o-cresol	100		119		10-130	17		50
Pentachlorophenol	82		97		17-109	17		50
Phenol	**101**	Q	**110**	Q	26-90	9		50
2-Methylphenol	99		108		30-130.	9		50
3-Methylphenol/4-Methylphenol	102		110		30-130	8		50
2,4,5-Trichlorophenol	109		121		30-130	10		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	99		108		40-140	9		50
Carbazole	104		116		54-128	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG2025467-2 WG2025467-3								
1,4-Dioxane	62		68		40-140	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	88		101		25-120
Phenol-d6	92		103		10-120
Nitrobenzene-d5	91		103		23-120
2-Fluorobiphenyl	102		114		30-120
2,4,6-Tribromophenol	102		117		10-136
4-Terphenyl-d14	101		113		18-120

PCBS

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-01
Client ID: SB-110 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 11:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/31/25 13:27
Analyst: MHG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 22:21
Cleanup Method: EPA 3665A
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.9	5.32	1	A
Aroclor 1221	ND		ug/kg	59.9	6.00	1	A
Aroclor 1232	ND		ug/kg	59.9	12.7	1	A
Aroclor 1242	ND		ug/kg	59.9	8.08	1	A
Aroclor 1248	ND		ug/kg	59.9	8.99	1	A
Aroclor 1254	ND		ug/kg	59.9	6.56	1	A
Aroclor 1260	ND		ug/kg	59.9	11.1	1	A
Aroclor 1262	ND		ug/kg	59.9	7.61	1	A
Aroclor 1268	ND		ug/kg	59.9	6.21	1	A
PCBs, Total	ND		ug/kg	59.9	5.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-02
Client ID: SB-111 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 14:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/31/25 13:35
Analyst: MHG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 22:21
Cleanup Method: EPA 3665A
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	62.4	5.54	1	A
Aroclor 1221	ND		ug/kg	62.4	6.25	1	A
Aroclor 1232	ND		ug/kg	62.4	13.2	1	A
Aroclor 1242	147		ug/kg	62.4	8.41	1	A
Aroclor 1248	ND		ug/kg	62.4	9.36	1	A
Aroclor 1254	67.6		ug/kg	62.4	6.82	1	B
Aroclor 1260	12.8	J	ug/kg	62.4	11.5	1	B
Aroclor 1262	ND		ug/kg	62.4	7.92	1	A
Aroclor 1268	ND		ug/kg	62.4	6.46	1	A
PCBs, Total	227	J	ug/kg	62.4	5.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-03
Client ID: SB-112 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 12:10
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/31/25 13:43
Analyst: MHG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 22:21
Cleanup Method: EPA 3665A
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.9	4.61	1	A
Aroclor 1221	ND		ug/kg	51.9	5.20	1	A
Aroclor 1232	ND		ug/kg	51.9	11.0	1	A
Aroclor 1242	ND		ug/kg	51.9	7.00	1	A
Aroclor 1248	ND		ug/kg	51.9	7.79	1	A
Aroclor 1254	ND		ug/kg	51.9	5.68	1	A
Aroclor 1260	ND		ug/kg	51.9	9.60	1	B
Aroclor 1262	ND		ug/kg	51.9	6.59	1	A
Aroclor 1268	ND		ug/kg	51.9	5.38	1	A
PCBs, Total	ND		ug/kg	51.9	4.61	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	123		30-150	A
Decachlorobiphenyl	104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	146		30-150	B
Decachlorobiphenyl	127		30-150	B

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-04
Client ID: SB-113 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 12:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/31/25 13:51
Analyst: MHG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 22:21
Cleanup Method: EPA 3665A
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.3	4.65	1	A
Aroclor 1221	ND		ug/kg	52.3	5.24	1	A
Aroclor 1232	ND		ug/kg	52.3	11.1	1	A
Aroclor 1242	ND		ug/kg	52.3	7.05	1	A
Aroclor 1248	ND		ug/kg	52.3	7.85	1	A
Aroclor 1254	ND		ug/kg	52.3	5.72	1	A
Aroclor 1260	ND		ug/kg	52.3	9.67	1	A
Aroclor 1262	ND		ug/kg	52.3	6.65	1	A
Aroclor 1268	ND		ug/kg	52.3	5.42	1	A
PCBs, Total	ND		ug/kg	52.3	4.65	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-05
Client ID: SB-114 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 11:15
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/31/25 13:59
Analyst: MHG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 22:21
Cleanup Method: EPA 3665A
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.9	4.88	1	A
Aroclor 1221	ND		ug/kg	54.9	5.50	1	A
Aroclor 1232	ND		ug/kg	54.9	11.6	1	A
Aroclor 1242	ND		ug/kg	54.9	7.40	1	A
Aroclor 1248	ND		ug/kg	54.9	8.24	1	A
Aroclor 1254	ND		ug/kg	54.9	6.01	1	A
Aroclor 1260	ND		ug/kg	54.9	10.1	1	A
Aroclor 1262	ND		ug/kg	54.9	6.97	1	A
Aroclor 1268	ND		ug/kg	54.9	5.69	1	A
PCBs, Total	ND		ug/kg	54.9	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-06
Client ID: SB-115 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 12:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/31/25 14:07
Analyst: MHG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 22:21
Cleanup Method: EPA 3665A
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.4	4.57	1	A
Aroclor 1221	ND		ug/kg	51.4	5.15	1	A
Aroclor 1232	ND		ug/kg	51.4	10.9	1	A
Aroclor 1242	ND		ug/kg	51.4	6.93	1	A
Aroclor 1248	ND		ug/kg	51.4	7.71	1	A
Aroclor 1254	ND		ug/kg	51.4	5.62	1	A
Aroclor 1260	ND		ug/kg	51.4	9.50	1	A
Aroclor 1262	ND		ug/kg	51.4	6.53	1	A
Aroclor 1268	ND		ug/kg	51.4	5.33	1	A
PCBs, Total	ND		ug/kg	51.4	4.57	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-07
Client ID: SB-116 (2-2.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 15:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/31/25 14:15
Analyst: MHG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 22:50
Cleanup Method: EPA 3665A
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.2	5.43	1	A
Aroclor 1221	ND		ug/kg	61.2	6.13	1	A
Aroclor 1232	ND		ug/kg	61.2	13.0	1	A
Aroclor 1242	ND		ug/kg	61.2	8.25	1	A
Aroclor 1248	ND		ug/kg	61.2	9.18	1	A
Aroclor 1254	16.4	J	ug/kg	61.2	6.69	1	B
Aroclor 1260	ND		ug/kg	61.2	11.3	1	A
Aroclor 1262	ND		ug/kg	61.2	7.77	1	A
Aroclor 1268	ND		ug/kg	61.2	6.34	1	A
PCBs, Total	16.4	J	ug/kg	61.2	5.43	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-08
Client ID: SB-118 (3.5-4)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 12:05
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/31/25 14:22
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 22:50
Cleanup Method: EPA 3665A
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.2	4.73	1	A
Aroclor 1221	ND		ug/kg	53.2	5.33	1	A
Aroclor 1232	ND		ug/kg	53.2	11.3	1	A
Aroclor 1242	ND		ug/kg	53.2	7.18	1	A
Aroclor 1248	ND		ug/kg	53.2	7.98	1	A
Aroclor 1254	ND		ug/kg	53.2	5.82	1	A
Aroclor 1260	ND		ug/kg	53.2	9.84	1	A
Aroclor 1262	ND		ug/kg	53.2	6.76	1	A
Aroclor 1268	ND		ug/kg	53.2	5.51	1	A
PCBs, Total	ND		ug/kg	53.2	4.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-09
Client ID: SB-119 (8-8.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 15:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/31/25 14:30
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 22:50
Cleanup Method: EPA 3665A
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.6	4.58	1	A
Aroclor 1221	ND		ug/kg	51.6	5.17	1	A
Aroclor 1232	ND		ug/kg	51.6	10.9	1	A
Aroclor 1242	ND		ug/kg	51.6	6.95	1	A
Aroclor 1248	ND		ug/kg	51.6	7.73	1	A
Aroclor 1254	ND		ug/kg	51.6	5.64	1	A
Aroclor 1260	ND		ug/kg	51.6	9.53	1	A
Aroclor 1262	ND		ug/kg	51.6	6.55	1	A
Aroclor 1268	ND		ug/kg	51.6	5.34	1	A
PCBs, Total	ND		ug/kg	51.6	4.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-10
Client ID: SB-107 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 15:45
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/31/25 14:38
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 22:50
Cleanup Method: EPA 3665A
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.9	4.61	1	A
Aroclor 1221	ND		ug/kg	51.9	5.20	1	A
Aroclor 1232	ND		ug/kg	51.9	11.0	1	A
Aroclor 1242	ND		ug/kg	51.9	7.00	1	A
Aroclor 1248	ND		ug/kg	51.9	7.78	1	A
Aroclor 1254	ND		ug/kg	51.9	5.68	1	A
Aroclor 1260	35.4	J	ug/kg	51.9	9.59	1	A
Aroclor 1262	ND		ug/kg	51.9	6.59	1	A
Aroclor 1268	ND		ug/kg	51.9	5.38	1	A
PCBs, Total	35.4	J	ug/kg	51.9	4.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/31/25 06:55
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 01/30/25 18:50
Cleanup Method: EPA 3665A
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-10 Batch: WG2025366-1						
Aroclor 1016	ND		ug/kg	48.5	4.31	A
Aroclor 1221	ND		ug/kg	48.5	4.86	A
Aroclor 1232	ND		ug/kg	48.5	10.3	A
Aroclor 1242	ND		ug/kg	48.5	6.54	A
Aroclor 1248	ND		ug/kg	48.5	7.28	A
Aroclor 1254	ND		ug/kg	48.5	5.31	A
Aroclor 1260	ND		ug/kg	48.5	8.97	A
Aroclor 1262	ND		ug/kg	48.5	6.16	A
Aroclor 1268	ND		ug/kg	48.5	5.03	A
PCBs, Total	ND		ug/kg	48.5	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	61		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG2025366-2 WG2025366-3									
Aroclor 1016	76		76		40-140	0		50	A
Aroclor 1260	73		76		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		77		30-150	A
Decachlorobiphenyl	68		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		75		30-150	B
Decachlorobiphenyl	61		62		30-150	B

PESTICIDES

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-01
Client ID: SB-110 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 11:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/25 13:16
Analyst: JAG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.377	1	A
Lindane	ND		ug/kg	0.802	0.358	1	A
Alpha-BHC	ND		ug/kg	0.802	0.228	1	A
Beta-BHC	ND		ug/kg	1.92	0.730	1	A
Heptachlor	ND		ug/kg	0.962	0.432	1	A
Aldrin	ND		ug/kg	1.92	0.678	1	A
Heptachlor epoxide	ND		ug/kg	3.61	1.08	1	A
Endrin	ND		ug/kg	0.802	0.329	1	A
Endrin aldehyde	ND		ug/kg	2.41	0.842	1	A
Endrin ketone	ND		ug/kg	1.92	0.496	1	A
Dieldrin	ND		ug/kg	1.20	0.602	1	A
4,4'-DDE	ND		ug/kg	1.92	0.445	1	A
4,4'-DDD	ND		ug/kg	1.92	0.687	1	A
4,4'-DDT	ND		ug/kg	1.92	1.55	1	B
Endosulfan I	ND		ug/kg	1.92	0.455	1	A
Endosulfan II	ND		ug/kg	1.92	0.643	1	A
Endosulfan sulfate	ND		ug/kg	0.802	0.382	1	A
Methoxychlor	ND		ug/kg	3.61	1.12	1	A
Toxaphene	ND		ug/kg	36.1	10.1	1	A
cis-Chlordane	ND		ug/kg	2.41	0.671	1	A
trans-Chlordane	ND		ug/kg	2.41	0.635	1	A
Chlordane	ND		ug/kg	16.0	6.38	1	A

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-01 Date Collected: 01/28/25 11:30

Client ID: SB-110 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	63		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-02
Client ID: SB-111 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 14:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/25 13:26
Analyst: JAG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.02	0.397	1	B
Lindane	ND		ug/kg	0.844	0.377	1	B
Alpha-BHC	ND		ug/kg	0.844	0.240	1	B
Beta-BHC	ND		ug/kg	2.02	0.768	1	B
Heptachlor	ND		ug/kg	1.01	0.454	1	B
Aldrin	ND		ug/kg	2.02	0.713	1	B
Heptachlor epoxide	ND		ug/kg	3.80	1.14	1	B
Endrin	ND		ug/kg	0.844	0.346	1	B
Endrin aldehyde	ND		ug/kg	2.53	0.886	1	B
Endrin ketone	ND		ug/kg	2.02	0.522	1	B
Dieldrin	ND		ug/kg	1.27	0.633	1	B
4,4'-DDE	ND		ug/kg	2.02	0.468	1	B
4,4'-DDD	ND		ug/kg	2.02	0.722	1	B
4,4'-DDT	ND		ug/kg	2.02	1.63	1	B
Endosulfan I	ND		ug/kg	2.02	0.478	1	B
Endosulfan II	ND		ug/kg	2.02	0.677	1	B
Endosulfan sulfate	ND		ug/kg	0.844	0.402	1	B
Methoxychlor	ND		ug/kg	3.80	1.18	1	B
Toxaphene	ND		ug/kg	38.0	10.6	1	B
cis-Chlordane	ND		ug/kg	2.53	0.706	1	B
trans-Chlordane	ND		ug/kg	2.53	0.668	1	B
Chlordane	ND		ug/kg	16.9	6.71	1	B

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-02 Date Collected: 01/28/25 14:00

Client ID: SB-111 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	**11**	Q	30-150	A
Decachlorobiphenyl	**24**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	131		30-150	B

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-03
Client ID: SB-112 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 12:10
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/25 13:36
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.321	1	A
Lindane	ND		ug/kg	0.683	0.305	1	A
Alpha-BHC	ND		ug/kg	0.683	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.622	1	A
Heptachlor	ND		ug/kg	0.820	0.368	1	A
Aldrin	ND		ug/kg	1.64	0.577	1	A
Heptachlor epoxide	ND		ug/kg	3.07	0.922	1	A
Endrin	ND		ug/kg	0.683	0.280	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.717	1	A
Endrin ketone	ND		ug/kg	1.64	0.422	1	A
Dieldrin	ND		ug/kg	1.02	0.512	1	A
4,4'-DDE	1.31	J	ug/kg	1.64	0.379	1	B
4,4'-DDD	ND		ug/kg	1.64	0.585	1	A
4,4'-DDT	1.82		ug/kg	1.64	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.387	1	A
Endosulfan II	ND		ug/kg	1.64	0.548	1	A
Endosulfan sulfate	ND		ug/kg	0.683	0.325	1	A
Methoxychlor	ND		ug/kg	3.07	0.956	1	A
Toxaphene	ND		ug/kg	30.7	8.61	1	A
cis-Chlordane	ND		ug/kg	2.05	0.571	1	A
trans-Chlordane	ND		ug/kg	2.05	0.541	1	A
Chlordane	ND		ug/kg	13.7	5.43	1	A

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-03 Date Collected: 01/28/25 12:10

Client ID: SB-112 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	51		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-04
Client ID: SB-113 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 12:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/25 13:46
Analyst: JAG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.312	1	A
Lindane	ND		ug/kg	0.665	0.297	1	A
Alpha-BHC	ND		ug/kg	0.665	0.189	1	A
Beta-BHC	ND		ug/kg	1.60	0.605	1	A
Heptachlor	ND		ug/kg	0.798	0.358	1	A
Aldrin	ND		ug/kg	1.60	0.562	1	A
Heptachlor epoxide	ND		ug/kg	2.99	0.898	1	A
Endrin	ND		ug/kg	0.665	0.272	1	A
Endrin aldehyde	ND		ug/kg	1.99	0.698	1	A
Endrin ketone	ND		ug/kg	1.60	0.411	1	A
Dieldrin	ND		ug/kg	0.997	0.499	1	A
4,4'-DDE	0.520	J	ug/kg	1.60	0.369	1	A
4,4'-DDD	ND		ug/kg	1.60	0.569	1	A
4,4'-DDT	4.21		ug/kg	1.60	1.28	1	A
Endosulfan I	ND		ug/kg	1.60	0.377	1	A
Endosulfan II	ND		ug/kg	1.60	0.533	1	A
Endosulfan sulfate	ND		ug/kg	0.665	0.316	1	A
Methoxychlor	ND		ug/kg	2.99	0.931	1	A
Toxaphene	ND		ug/kg	29.9	8.38	1	A
cis-Chlordane	ND		ug/kg	1.99	0.556	1	A
trans-Chlordane	ND		ug/kg	1.99	0.526	1	A
Chlordane	ND		ug/kg	13.3	5.28	1	A

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-04 Date Collected: 01/28/25 12:30

Client ID: SB-113 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	65		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-05
Client ID: SB-114 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 11:15
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/25 13:57
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.330	1	A
Lindane	ND		ug/kg	0.703	0.314	1	A
Alpha-BHC	ND		ug/kg	0.703	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.640	1	A
Heptachlor	ND		ug/kg	0.844	0.378	1	A
Aldrin	ND		ug/kg	1.69	0.594	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.949	1	A
Endrin	ND		ug/kg	0.703	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.738	1	A
Endrin ketone	ND		ug/kg	1.69	0.434	1	A
Dieldrin	ND		ug/kg	1.05	0.527	1	A
4,4'-DDE	1.05	J	ug/kg	1.69	0.390	1	A
4,4'-DDD	ND		ug/kg	1.69	0.602	1	A
4,4'-DDT	ND		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.564	1	A
Endosulfan sulfate	ND		ug/kg	0.703	0.335	1	A
Methoxychlor	ND		ug/kg	3.16	0.984	1	A
Toxaphene	ND		ug/kg	31.6	8.86	1	A
cis-Chlordane	ND		ug/kg	2.11	0.588	1	A
trans-Chlordane	ND		ug/kg	2.11	0.557	1	A
Chlordane	ND		ug/kg	14.1	5.59	1	A

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-05 Date Collected: 01/28/25 11:15

Client ID: SB-114 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	68		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-06
Client ID: SB-115 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 12:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/25 14:07
Analyst: JAG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.693	0.310	1	A
Alpha-BHC	ND		ug/kg	0.693	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	ND		ug/kg	0.832	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.936	1	A
Endrin	ND		ug/kg	0.693	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.728	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.520	1	A
4,4'-DDE	ND		ug/kg	1.66	0.385	1	A
4,4'-DDD	ND		ug/kg	1.66	0.593	1	A
4,4'-DDT	ND		ug/kg	1.66	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.693	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.970	1	A
Toxaphene	ND		ug/kg	31.2	8.73	1	A
cis-Chlordane	ND		ug/kg	2.08	0.580	1	A
trans-Chlordane	ND		ug/kg	2.08	0.549	1	A
Chlordane	ND		ug/kg	13.9	5.51	1	A

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-06 Date Collected: 01/28/25 12:00

Client ID: SB-115 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	66		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-07
Client ID: SB-116 (2-2.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 15:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/25 14:17
Analyst: JAG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.381	1	A
Lindane	ND		ug/kg	0.810	0.362	1	A
Alpha-BHC	ND		ug/kg	0.810	0.230	1	A
Beta-BHC	ND		ug/kg	1.94	0.737	1	A
Heptachlor	ND		ug/kg	0.972	0.436	1	A
Aldrin	ND		ug/kg	1.94	0.684	1	A
Heptachlor epoxide	ND		ug/kg	3.64	1.09	1	A
Endrin	ND		ug/kg	0.810	0.332	1	A
Endrin aldehyde	ND		ug/kg	2.43	0.850	1	A
Endrin ketone	ND		ug/kg	1.94	0.501	1	A
Dieldrin	ND		ug/kg	1.22	0.608	1	A
4,4'-DDE	ND		ug/kg	1.94	0.450	1	A
4,4'-DDD	ND		ug/kg	1.94	0.693	1	A
4,4'-DDT	ND		ug/kg	1.94	1.56	1	A
Endosulfan I	ND		ug/kg	1.94	0.459	1	A
Endosulfan II	ND		ug/kg	1.94	0.650	1	A
Endosulfan sulfate	ND		ug/kg	0.810	0.386	1	A
Methoxychlor	ND		ug/kg	3.64	1.13	1	A
Toxaphene	ND		ug/kg	36.4	10.2	1	A
cis-Chlordane	ND		ug/kg	2.43	0.677	1	A
trans-Chlordane	ND		ug/kg	2.43	0.642	1	A
Chlordane	ND		ug/kg	16.2	6.44	1	A

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-07 Date Collected: 01/28/25 15:30

Client ID: SB-116 (2-2.5) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	44		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-08
Client ID: SB-118 (3.5-4)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 12:05
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/25 14:27
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.346	1	A
Lindane	ND		ug/kg	0.736	0.329	1	A
Alpha-BHC	ND		ug/kg	0.736	0.209	1	A
Beta-BHC	ND		ug/kg	1.76	0.670	1	A
Heptachlor	ND		ug/kg	0.883	0.396	1	A
Aldrin	ND		ug/kg	1.76	0.622	1	A
Heptachlor epoxide	ND		ug/kg	3.31	0.993	1	A
Endrin	ND		ug/kg	0.736	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.772	1	A
Endrin ketone	ND		ug/kg	1.76	0.455	1	A
Dieldrin	ND		ug/kg	1.10	0.552	1	A
4,4'-DDE	ND		ug/kg	1.76	0.408	1	A
4,4'-DDD	ND		ug/kg	1.76	0.630	1	A
4,4'-DDT	ND		ug/kg	1.76	1.42	1	A
Endosulfan I	ND		ug/kg	1.76	0.417	1	A
Endosulfan II	ND		ug/kg	1.76	0.590	1	A
Endosulfan sulfate	ND		ug/kg	0.736	0.350	1	A
Methoxychlor	ND		ug/kg	3.31	1.03	1	A
Toxaphene	ND		ug/kg	33.1	9.27	1	A
cis-Chlordane	ND		ug/kg	2.21	0.615	1	A
trans-Chlordane	ND		ug/kg	2.21	0.583	1	A
Chlordane	ND		ug/kg	14.7	5.85	1	A

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-08 Date Collected: 01/28/25 12:05

Client ID: SB-118 (3.5-4) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	66		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-09
Client ID: SB-119 (8-8.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 15:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/25 18:05
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.707	0.316	1	A
Alpha-BHC	ND		ug/kg	0.707	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.643	1	A
Heptachlor	ND		ug/kg	0.848	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.597	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.954	1	A
Endrin	ND		ug/kg	0.707	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.742	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	ND		ug/kg	1.70	0.392	1	A
4,4'-DDD	ND		ug/kg	1.70	0.605	1	A
4,4'-DDT	ND		ug/kg	1.70	1.36	1	A
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.567	1	A
Endosulfan sulfate	ND		ug/kg	0.707	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.990	1	A
Toxaphene	ND		ug/kg	31.8	8.91	1	A
cis-Chlordane	ND		ug/kg	2.12	0.591	1	A
trans-Chlordane	ND		ug/kg	2.12	0.560	1	A
Chlordane	ND		ug/kg	14.1	5.62	1	A

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-09 Date Collected: 01/28/25 15:00

Client ID: SB-119 (8-8.5) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	90		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-10
Client ID: SB-107 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 15:45
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/25 17:54
Analyst: JAG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.336	1	A
Lindane	ND		ug/kg	0.715	0.319	1	A
Alpha-BHC	ND		ug/kg	0.715	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.650	1	A
Heptachlor	ND		ug/kg	0.858	0.384	1	A
Aldrin	ND		ug/kg	1.72	0.604	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.965	1	A
Endrin	ND		ug/kg	0.715	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.750	1	A
Endrin ketone	ND		ug/kg	1.72	0.442	1	A
Dieldrin	ND		ug/kg	1.07	0.536	1	A
4,4'-DDE	280		ug/kg	1.72	0.397	1	B
4,4'-DDD	74.1		ug/kg	1.72	0.612	1	B
4,4'-DDT	914	E	ug/kg	1.72	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.405	1	A
Endosulfan II	ND		ug/kg	1.72	0.573	1	A
Endosulfan sulfate	ND		ug/kg	0.715	0.340	1	A
Methoxychlor	2.47	JIP	ug/kg	3.22	1.00	1	B
Toxaphene	ND		ug/kg	32.2	9.00	1	A
cis-Chlordane	2.05	JIP	ug/kg	2.14	0.597	1	B
trans-Chlordane	5.87		ug/kg	2.14	0.566	1	A
Chlordane	ND		ug/kg	14.3	5.68	1	A

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-10 Date Collected: 01/28/25 15:45

Client ID: SB-107 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	85		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-10 D
Client ID: SB-107 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/28/25 15:45
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/25 20:45
Analyst: PEG/D
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	925		ug/kg	8.58	6.90	5	A

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/31/25 12:45
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG2025397-1						
Delta-BHC	ND		ug/kg	1.60	0.313	A
Lindane	ND		ug/kg	0.666	0.298	A
Alpha-BHC	ND		ug/kg	0.666	0.189	A
Beta-BHC	ND		ug/kg	1.60	0.606	A
Heptachlor	ND		ug/kg	0.799	0.358	A
Aldrin	ND		ug/kg	1.60	0.563	A
Heptachlor epoxide	ND		ug/kg	3.00	0.899	A
Endrin	ND		ug/kg	0.666	0.273	A
Endrin aldehyde	ND		ug/kg	2.00	0.700	A
Endrin ketone	ND		ug/kg	1.60	0.412	A
Dieldrin	ND		ug/kg	0.999	0.500	A
4,4'-DDE	ND		ug/kg	1.60	0.370	A
4,4'-DDD	ND		ug/kg	1.60	0.570	A
4,4'-DDT	ND		ug/kg	1.60	1.28	A
Endosulfan I	ND		ug/kg	1.60	0.378	A
Endosulfan II	ND		ug/kg	1.60	0.534	A
Endosulfan sulfate	ND		ug/kg	0.666	0.317	A
Methoxychlor	ND		ug/kg	3.00	0.933	A
Toxaphene	ND		ug/kg	30.0	8.39	A
cis-Chlordane	ND		ug/kg	2.00	0.557	A
trans-Chlordane	ND		ug/kg	2.00	0.528	A
Chlordane	ND		ug/kg	13.3	5.30	A

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/31/25 12:45
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG2025397-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	63		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG2025397-2 WG2025397-3									
Delta-BHC	112		105		30-150	6		30	A
Lindane	91		97		30-150	6		30	A
Alpha-BHC	90		96		30-150	6		30	A
Beta-BHC	90		98		30-150	9		30	A
Heptachlor	67		70		30-150	4		30	A
Aldrin	81		86		30-150	6		30	A
Heptachlor epoxide	82		88		30-150	7		30	A
Endrin	90		97		30-150	7		30	A
Endrin aldehyde	66		67		30-150	2		30	A
Endrin ketone	89		94		30-150	5		30	A
Dieldrin	96		102		30-150	6		30	A
4,4'-DDE	82		87		30-150	6		30	A
4,4'-DDD	97		104		30-150	7		30	A
4,4'-DDT	83		84		30-150	1		30	A
Endosulfan I	84		90		30-150	7		30	A
Endosulfan II	82		88		30-150	7		30	A
Endosulfan sulfate	78		82		30-150	5		30	A
Methoxychlor	81		82		30-150	1		30	A
cis-Chlordane	84		89		30-150	6		30	A
trans-Chlordane	82		87		30-150	6		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

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

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG2025397-2 WG2025397-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		63		30-150	A
Decachlorobiphenyl	62		60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		55		30-150	B
Decachlorobiphenyl	60		59		30-150	B

METALS

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-01
Client ID: SB-110 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 11:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7890		mg/kg	9.69	3.15	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.85	3.73	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.75		mg/kg	0.969	0.419	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Barium, Total	67.1		mg/kg	0.969	0.103	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.283	J	mg/kg	0.485	0.053	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.270	J	mg/kg	0.969	0.053	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Calcium, Total	17300		mg/kg	9.69	5.50	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Chromium, Total	10.3		mg/kg	0.969	0.822	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.40		mg/kg	1.94	0.240	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Copper, Total	41.4		mg/kg	0.969	0.220	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Iron, Total	13700		mg/kg	4.85	1.02	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Lead, Total	45.2		mg/kg	4.85	0.231	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Magnesium, Total	4350		mg/kg	9.69	1.58	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Manganese, Total	236		mg/kg	0.969	0.520	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Mercury, Total	0.119		mg/kg	0.084	0.055	1	01/31/25 03:28	02/04/25 18:19	EPA 7471B	1,7471B	JWN
Nickel, Total	12.3		mg/kg	2.42	0.783	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Potassium, Total	1290		mg/kg	242	49.2	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.94	0.319	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.485	0.289	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Sodium, Total	162	J	mg/kg	194	103.	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.94	0.874	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Vanadium, Total	17.7		mg/kg	0.969	0.146	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF
Zinc, Total	83.4		mg/kg	4.85	0.587	2	01/31/25 02:58	01/31/25 11:44	EPA 3050B	1,6010D	JMF

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-02
Client ID: SB-111 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 14:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4270		mg/kg	10.1	3.30	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	5.07	3.91	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Arsenic, Total	19.8		mg/kg	1.01	0.438	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Barium, Total	197		mg/kg	1.01	0.108	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.443	J	mg/kg	0.507	0.056	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.660	J	mg/kg	1.01	0.056	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Calcium, Total	11700		mg/kg	10.1	5.75	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Chromium, Total	28.9		mg/kg	1.01	0.861	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.76		mg/kg	2.03	0.252	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Copper, Total	69.8		mg/kg	1.01	0.230	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Iron, Total	16500		mg/kg	5.07	1.06	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Lead, Total	353		mg/kg	5.07	0.242	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Magnesium, Total	7600		mg/kg	10.1	1.65	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Manganese, Total	190		mg/kg	1.01	0.544	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Mercury, Total	2.38		mg/kg	0.088	0.057	1	01/31/25 03:28	02/04/25 18:29	EPA 7471B	1,7471B	JWN
Nickel, Total	14.4		mg/kg	2.54	0.820	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Potassium, Total	605		mg/kg	254	51.4	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Selenium, Total	1.05	J	mg/kg	2.03	0.334	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.507	0.302	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Sodium, Total	ND		mg/kg	203	108.	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	2.03	0.915	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Vanadium, Total	20.8		mg/kg	1.01	0.153	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF
Zinc, Total	354		mg/kg	5.07	0.615	2	01/31/25 02:58	01/31/25 12:12	EPA 3050B	1,6010D	JMF

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-03
Client ID: SB-112 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 12:10
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11600		mg/kg	8.49	2.76	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.25	3.27	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.27		mg/kg	0.849	0.367	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Barium, Total	78.2		mg/kg	0.849	0.090	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.394	J	mg/kg	0.425	0.047	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.223	J	mg/kg	0.849	0.047	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Calcium, Total	3900		mg/kg	8.49	4.82	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Chromium, Total	12.6		mg/kg	0.849	0.720	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.94		mg/kg	1.70	0.211	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Copper, Total	25.6		mg/kg	0.849	0.193	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Iron, Total	15700		mg/kg	4.25	0.892	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Lead, Total	52.8		mg/kg	4.25	0.202	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Magnesium, Total	4040		mg/kg	8.49	1.38	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Manganese, Total	316		mg/kg	0.849	0.455	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Mercury, Total	0.098		mg/kg	0.075	0.049	1	01/31/25 03:28	02/04/25 18:39	EPA 7471B	1,7471B	JWN
Nickel, Total	9.89		mg/kg	2.12	0.686	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Potassium, Total	1260		mg/kg	212	43.0	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.70	0.279	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.425	0.253	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Sodium, Total	176		mg/kg	170	90.0	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.70	0.766	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Vanadium, Total	21.3		mg/kg	0.849	0.128	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF
Zinc, Total	98.6		mg/kg	4.25	0.515	2	01/31/25 02:58	01/31/25 12:16	EPA 3050B	1,6010D	JMF

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-04
Client ID: SB-113 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 12:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9390		mg/kg	8.11	2.64	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.06	3.12	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.10		mg/kg	0.811	0.350	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Barium, Total	64.8		mg/kg	0.811	0.086	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.310	J	mg/kg	0.406	0.045	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.248	J	mg/kg	0.811	0.045	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Calcium, Total	2680		mg/kg	8.11	4.60	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Chromium, Total	13.3		mg/kg	0.811	0.688	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.74		mg/kg	1.62	0.201	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Copper, Total	22.3		mg/kg	0.811	0.184	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Iron, Total	16200		mg/kg	4.06	0.852	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Lead, Total	26.8		mg/kg	4.06	0.193	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Magnesium, Total	4750		mg/kg	8.11	1.32	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Manganese, Total	257		mg/kg	0.811	0.435	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.048	1	01/31/25 03:28	02/04/25 18:43	EPA 7471B	1,7471B	JWN
Nickel, Total	11.7		mg/kg	2.03	0.656	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Potassium, Total	1760		mg/kg	203	41.1	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.62	0.267	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.406	0.242	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Sodium, Total	ND		mg/kg	162	86.0	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.62	0.732	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Vanadium, Total	20.4		mg/kg	0.811	0.122	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF
Zinc, Total	69.5		mg/kg	4.06	0.492	2	01/31/25 02:58	01/31/25 12:19	EPA 3050B	1,6010D	JMF

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-05
Client ID: SB-114 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 11:15
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9060		mg/kg	8.51	2.77	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.26	3.28	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.82		mg/kg	0.851	0.368	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Barium, Total	93.2		mg/kg	0.851	0.090	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.204	J	mg/kg	0.426	0.047	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.851	0.047	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Calcium, Total	41500		mg/kg	8.51	4.83	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Chromium, Total	37.0		mg/kg	0.851	0.722	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.99		mg/kg	1.70	0.211	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Copper, Total	28.1		mg/kg	0.851	0.193	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Iron, Total	13200		mg/kg	4.26	0.894	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Lead, Total	9.79		mg/kg	4.26	0.203	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Magnesium, Total	10900		mg/kg	8.51	1.39	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Manganese, Total	257		mg/kg	0.851	0.456	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.072	0.047	1	01/31/25 03:28	02/04/25 18:46	EPA 7471B	1,7471B	JWN
Nickel, Total	14.5		mg/kg	2.13	0.688	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Potassium, Total	2400		mg/kg	213	43.2	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.70	0.280	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.426	0.254	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Sodium, Total	476		mg/kg	170	90.2	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.70	0.768	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Vanadium, Total	27.4		mg/kg	0.851	0.128	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF
Zinc, Total	50.0		mg/kg	4.26	0.516	2	01/31/25 02:58	01/31/25 12:22	EPA 3050B	1,6010D	JMF

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-06
Client ID: SB-115 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 12:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3980		mg/kg	8.37	2.72	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.19	3.22	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.92		mg/kg	0.837	0.362	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Barium, Total	12.8		mg/kg	0.837	0.089	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.294	J	mg/kg	0.419	0.046	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.837	0.046	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Calcium, Total	56400		mg/kg	8.37	4.75	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Chromium, Total	6.93		mg/kg	0.837	0.710	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Cobalt, Total	2.24		mg/kg	1.67	0.208	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Copper, Total	5.65		mg/kg	0.837	0.190	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Iron, Total	10800		mg/kg	4.19	0.879	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Lead, Total	3.34	J	mg/kg	4.19	0.199	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Magnesium, Total	33200		mg/kg	8.37	1.36	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Manganese, Total	154		mg/kg	0.837	0.449	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.076	0.049	1	01/31/25 03:28	02/04/25 18:49	EPA 7471B	1,7471B	JWN
Nickel, Total	4.28		mg/kg	2.09	0.677	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Potassium, Total	516		mg/kg	209	42.4	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.67	0.275	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.419	0.250	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Sodium, Total	206		mg/kg	167	88.8	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.67	0.755	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Vanadium, Total	18.0		mg/kg	0.837	0.126	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF
Zinc, Total	24.3		mg/kg	4.19	0.507	2	01/31/25 02:58	01/31/25 12:26	EPA 3050B	1,6010D	JMF

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-07
Client ID: SB-116 (2-2.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 15:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11700		mg/kg	9.87	3.21	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.93	3.80	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.17		mg/kg	0.987	0.426	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Barium, Total	92.2		mg/kg	0.987	0.104	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.371	J	mg/kg	0.493	0.054	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.987	0.054	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Calcium, Total	29700		mg/kg	9.87	5.59	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Chromium, Total	15.8		mg/kg	0.987	0.837	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.97		mg/kg	1.97	0.245	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Copper, Total	30.2		mg/kg	0.987	0.224	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Iron, Total	17000		mg/kg	4.93	1.04	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Lead, Total	74.3		mg/kg	4.93	0.235	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Magnesium, Total	8070		mg/kg	9.87	1.61	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Manganese, Total	395		mg/kg	0.987	0.529	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Mercury, Total	0.159		mg/kg	0.087	0.057	1	01/31/25 03:28	02/04/25 18:53	EPA 7471B	1,7471B	JWN
Nickel, Total	11.4		mg/kg	2.47	0.797	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Potassium, Total	2350		mg/kg	247	50.0	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.97	0.325	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.493	0.294	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Sodium, Total	1020		mg/kg	197	104.	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.97	0.890	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Vanadium, Total	24.0		mg/kg	0.987	0.149	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF
Zinc, Total	63.1		mg/kg	4.93	0.598	2	01/31/25 02:58	01/31/25 12:29	EPA 3050B	1,6010D	JMF

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-08
Client ID: SB-118 (3.5-4)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 12:05
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7670		mg/kg	8.59	2.79	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.29	3.31	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Arsenic, Total	6.57		mg/kg	0.859	0.371	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Barium, Total	105		mg/kg	0.859	0.091	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.368	J	mg/kg	0.429	0.047	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.482	J	mg/kg	0.859	0.047	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Calcium, Total	41000		mg/kg	8.59	4.87	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Chromium, Total	238		mg/kg	0.859	0.728	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.43		mg/kg	1.72	0.213	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Copper, Total	60.2		mg/kg	0.859	0.195	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Iron, Total	12800		mg/kg	4.29	0.902	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Lead, Total	420		mg/kg	4.29	0.204	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Magnesium, Total	2740		mg/kg	8.59	1.40	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Manganese, Total	196		mg/kg	0.859	0.460	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Mercury, Total	0.210		mg/kg	0.077	0.050	1	01/31/25 03:28	02/04/25 18:56	EPA 7471B	1,7471B	JWN
Nickel, Total	9.52		mg/kg	2.15	0.694	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Potassium, Total	1340		mg/kg	215	43.5	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Selenium, Total	1.39	J	mg/kg	1.72	0.282	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.429	0.256	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Sodium, Total	317		mg/kg	172	91.0	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Thallium, Total	0.804	J	mg/kg	1.72	0.775	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Vanadium, Total	23.4		mg/kg	0.859	0.130	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF
Zinc, Total	264		mg/kg	4.29	0.520	2	01/31/25 02:58	01/31/25 12:33	EPA 3050B	1,6010D	JMF

Project Name: PEEKSKILL NY
Lab Number: L2505081
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-09
Client ID: SB-119 (8-8.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 15:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12300		mg/kg	8.26	2.68	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.13	3.18	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.54		mg/kg	0.826	0.357	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Barium, Total	119		mg/kg	0.826	0.088	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.293	J	mg/kg	0.413	0.045	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.163	J	mg/kg	0.826	0.045	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Calcium, Total	9840		mg/kg	8.26	4.68	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Chromium, Total	17.8		mg/kg	0.826	0.700	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Cobalt, Total	9.90		mg/kg	1.65	0.205	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Copper, Total	64.6		mg/kg	0.826	0.187	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Iron, Total	19100		mg/kg	4.13	0.867	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Lead, Total	17.4		mg/kg	4.13	0.196	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Magnesium, Total	7560		mg/kg	8.26	1.34	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Manganese, Total	347		mg/kg	0.826	0.442	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Mercury, Total	0.079		mg/kg	0.075	0.049	1	01/31/25 03:28	02/04/25 18:59	EPA 7471B	1,7471B	JWN
Nickel, Total	8.36		mg/kg	2.06	0.667	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Potassium, Total	4290		mg/kg	206	41.9	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.65	0.272	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.413	0.246	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Sodium, Total	292		mg/kg	165	87.5	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Thallium, Total	1.11	J	mg/kg	1.65	0.745	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Vanadium, Total	30.2		mg/kg	0.826	0.125	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF
Zinc, Total	58.8		mg/kg	4.13	0.500	2	01/31/25 02:58	01/31/25 12:36	EPA 3050B	1,6010D	JMF

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-10
Client ID: SB-107 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 15:45
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9320		mg/kg	8.74	2.84	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.37	3.37	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Arsenic, Total	10.0		mg/kg	0.874	0.378	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Barium, Total	60.1		mg/kg	0.874	0.093	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.466		mg/kg	0.437	0.048	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Cadmium, Total	1.38		mg/kg	0.874	0.048	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Calcium, Total	31800		mg/kg	8.74	4.96	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Chromium, Total	12.3		mg/kg	0.874	0.741	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Cobalt, Total	9.19		mg/kg	1.75	0.217	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Copper, Total	71.5		mg/kg	0.874	0.198	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Iron, Total	17800		mg/kg	4.37	0.918	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Lead, Total	289		mg/kg	4.37	0.208	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Magnesium, Total	5340		mg/kg	8.74	1.42	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Manganese, Total	364		mg/kg	0.874	0.469	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Mercury, Total	0.577		mg/kg	0.076	0.049	1	01/31/25 03:28	02/04/25 19:03	EPA 7471B	1,7471B	JWN
Nickel, Total	21.8		mg/kg	2.18	0.706	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Potassium, Total	853		mg/kg	218	44.3	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.75	0.288	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Silver, Total	0.302	J	mg/kg	0.437	0.260	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Sodium, Total	148	J	mg/kg	175	92.7	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.75	0.789	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Vanadium, Total	28.9		mg/kg	0.874	0.132	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF
Zinc, Total	243		mg/kg	4.37	0.530	2	01/31/25 02:58	01/31/25 12:40	EPA 3050B	1,6010D	JMF

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

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): 01-10 Batch: WG2025404-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	1.54	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.173	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.042	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.022	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.022	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	2.27	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.339	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.099	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.091	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Iron, Total	1.19	J	mg/kg	2.00	0.420	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.095	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.652	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.214	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.323	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	20.3	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.132	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.119	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	42.4	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.361	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.060	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.242	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF

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): 01-10 Batch: WG2025405-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	01/31/25 03:28	02/04/25 18:13	1,7471B	JWN

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG2025404-2								
Aluminum, Total	106		-		80-120	-		
Antimony, Total	110		-		80-120	-		
Arsenic, Total	107		-		80-120	-		
Barium, Total	107		-		80-120	-		
Beryllium, Total	112		-		80-120	-		
Cadmium, Total	113		-		80-120	-		
Calcium, Total	109		-		80-120	-		
Chromium, Total	111		-		80-120	-		
Cobalt, Total	114		-		80-120	-		
Copper, Total	113		-		80-120	-		
Iron, Total	113		-		80-120	-		
Lead, Total	104		-		80-120	-		
Magnesium, Total	111		-		80-120	-		
Manganese, Total	110		-		80-120	-		
Nickel, Total	114		-		80-120	-		
Potassium, Total	110		-		80-120	-		
Selenium, Total	109		-		80-120	-		
Silver, Total	108		-		80-120	-		
Sodium, Total	107		-		80-120	-		
Thallium, Total	111		-		80-120	-		
Vanadium, Total	113		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG2025404-2					
Zinc, Total	114	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG2025405-2					
Mercury, Total	94	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

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): 01-10 QC Batch ID: WG2025404-3 QC Sample: L2505081-01 Client ID: SB-110 (0.5-1)												
Aluminum, Total	7890	184	8330	**239**	Q	-	-		75-125	-		20
Antimony, Total	ND	46.1	21.3	**46**	Q	-	-		75-125	-		20
Arsenic, Total	4.75	11.1	16.7	108		-	-		75-125	-		20
Barium, Total	67.1	184	247	98		-	-		75-125	-		20
Beryllium, Total	0.283J	4.61	5.23	113		-	-		75-125	-		20
Cadmium, Total	0.270J	4.89	5.37	110		-	-		75-125	-		20
Calcium, Total	17300	922	12300	**0**	Q	-	-		75-125	-		20
Chromium, Total	10.3	18.4	29.8	106		-	-		75-125	-		20
Cobalt, Total	6.40	46.1	54.2	104		-	-		75-125	-		20
Copper, Total	41.4	23	68.2	116		-	-		75-125	-		20
Iron, Total	13700	92.2	14100	**434**	Q	-	-		75-125	-		20
Lead, Total	45.2	48.9	95.0	102		-	-		75-125	-		20
Magnesium, Total	4350	922	6250	**206**	Q	-	-		75-125	-		20
Manganese, Total	236	46.1	304	**148**	Q	-	-		75-125	-		20
Nickel, Total	12.3	46.1	60.7	105		-	-		75-125	-		20
Potassium, Total	1290	922	2410	121		-	-		75-125	-		20
Selenium, Total	ND	11.1	11.5	104		-	-		75-125	-		20
Silver, Total	ND	4.61	4.87	106		-	-		75-125	-		20
Sodium, Total	162J	922	1100	119		-	-		75-125	-		20
Thallium, Total	ND	11.1	11.7	106		-	-		75-125	-		20
Vanadium, Total	17.7	46.1	67.6	108		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

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): 01-10 QC Batch ID: WG2025404-3 QC Sample: L2505081-01 Client ID: SB-110 (0.5-1)										
Zinc, Total	83.4	46.1	173	**194**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG2025405-3 QC Sample: L2505081-01 Client ID: SB-110 (0.5-1)										
Mercury, Total	0.119	1.67	1.71	95		-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PEEKSKILL NY

Project Number: 13904

Lab Number: L2505081

Report Date: 02/05/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG2025404-4 QC Sample: L2505081-01 Client ID: SB-110 (0.5-1)						
Aluminum, Total	7890	7900	mg/kg	0		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	4.75	4.42	mg/kg	7		20
Barium, Total	67.1	54.0	mg/kg	**22**	Q	20
Beryllium, Total	0.283J	0.285J	mg/kg	NC		20
Cadmium, Total	0.270J	0.293J	mg/kg	NC		20
Calcium, Total	17300	9710	mg/kg	**56**	Q	20
Chromium, Total	10.3	10.5	mg/kg	2		20
Cobalt, Total	6.40	7.42	mg/kg	15		20
Copper, Total	41.4	46.7	mg/kg	12		20
Iron, Total	13700	13800	mg/kg	1		20
Lead, Total	45.2	53.0	mg/kg	16		20
Magnesium, Total	4350	6360	mg/kg	**38**	Q	20
Manganese, Total	236	263	mg/kg	11		20
Nickel, Total	12.3	13.4	mg/kg	9		20
Potassium, Total	1290	1320	mg/kg	2		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	162J	118J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PEEKSKILL NY

Project Number: 13904

Lab Number: L2505081

Report Date: 02/05/25

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG2025404-4 QC Sample: L2505081-01 Client ID: SB-110 (0.5-1)						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	17.7	19.2	mg/kg	8		20
Zinc, Total	83.4	90.8	mg/kg	8		20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG2025405-4 QC Sample: L2505081-01 Client ID: SB-110 (0.5-1)						
Mercury, Total	0.119	0.155	mg/kg	**26**	Q	20

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2505081
Report Date: 02/05/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG2025404-6 QC Sample: L2505081-01 Client ID: SB-110 (0.5-1)						
Aluminum, Total	7890	7980	mg/kg	1		20
Barium, Total	67.1	69.1	mg/kg	3		20
Calcium, Total	17300	18000	mg/kg	4		20
Copper, Total	41.4	40.3	mg/kg	3		20
Iron, Total	13700	14500	mg/kg	6		20
Magnesium, Total	4350	4420	mg/kg	2		20
Manganese, Total	236	243	mg/kg	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-01
Client ID: SB-110 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 01/28/25 11:30
Date Received: 01/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	01/30/25 10:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	02/04/25 05:05	02/04/25 12:15	1,9010C/9012B	JER

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-02
Client ID: SB-111 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 01/28/25 14:00
Date Received: 01/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.2		%	0.100	NA	1	-	01/30/25 10:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	02/04/25 05:05	02/04/25 12:52	1,9010C/9012B	JER

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-03
Client ID: SB-112 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 01/28/25 12:10
Date Received: 01/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	01/30/25 10:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/04/25 05:05	02/04/25 12:53	1,9010C/9012B	JER

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-04
Client ID: SB-113 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 01/28/25 12:30
Date Received: 01/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.6		%	0.100	NA	1	-	01/30/25 10:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	02/04/25 05:05	02/04/25 12:54	1,9010C/9012B	JER

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-05
Client ID: SB-114 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 01/28/25 11:15
Date Received: 01/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	01/30/25 10:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/04/25 05:05	02/04/25 12:55	1,9010C/9012B	JER

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-06
Client ID: SB-115 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 01/28/25 12:00
Date Received: 01/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	01/30/25 11:17	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/04/25 05:05	02/04/25 12:56	1,9010C/9012B	JER

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-07
Client ID: SB-116 (2-2.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 01/28/25 15:30
Date Received: 01/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.8		%	0.100	NA	1	-	01/30/25 11:17	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	02/04/25 05:05	02/04/25 12:57	1,9010C/9012B	JER

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-08
Client ID: SB-118 (3.5-4)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/28/25 12:05
Date Received: 01/29/25
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	88.2		%	0.100	NA	1	-	01/30/25 11:17	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	02/04/25 05:05	02/04/25 12:58	1,9010C/9012B	JER

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-09
Client ID: SB-119 (8-8.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 01/28/25 15:00
Date Received: 01/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.8		%	0.100	NA	1	-	01/30/25 11:17	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/04/25 05:05	02/04/25 12:59	1,9010C/9012B	JER

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505081-10
Client ID: SB-107 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil
Date Collected: 01/28/25 15:45
Date Received: 01/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	01/30/25 11:17	121,2540G	ROI
Cyanide, Total	0.32	J	mg/kg	1.1	0.22	1	02/04/25 05:05	02/04/25 13:00	1,9010C/9012B	JER

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

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): 01-10 Batch: WG2026387-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	02/04/25 05:05	02/04/25 12:11	1,9010C/9012B	JER

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 Batch: WG2026387-2 WG2026387-3								
Cyanide, Total	**60**	Q	**38**	Q	80-120	**44**	Q	35

Matrix Spike Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

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): 01-10 QC Batch ID: WG2026387-4 WG2026387-5 QC Sample: L2505081-01 Client ID: SB-110 (0.5-1)												
Cyanide, Total	ND	12	11	93		12	100		75-125	7		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: PEEKSKILL NY

Project Number: 13904

Lab Number: L2505081

Report Date: 02/05/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2025090-1 QC Sample: L2504939-01 Client ID: DUP Sample						
Solids, Total	91.5	91.6	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 06-10 QC Batch ID: WG2025095-1 QC Sample: L2504828-01 Client ID: DUP Sample						
Solids, Total	86.0	86.8	%	1		20

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

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(*)
L2505081-01A	Vial MeOH preserved	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2505081-01B	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 08:32	NYTCL-8260HLW(14)
L2505081-01C	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 08:32	NYTCL-8260HLW(14)
L2505081-01D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2505081-01E	Plastic 120ml unpreserved	A	NA		2.4	Y	Absent		TS(7)
L2505081-01F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2505081-02A	Vial MeOH preserved	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2505081-02B	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505081-02C	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505081-02D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2505081-02E	Plastic 120ml unpreserved	A	NA		2.4	Y	Absent		TS(7)
L2505081-02F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2505081-03A	Vial MeOH preserved	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2505081-03B	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2505081-03C	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505081-03D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2505081-03E	Plastic 120ml unpreserved	A	NA		2.4	Y	Absent		TS(7)
L2505081-03F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2505081-04A	Vial MeOH preserved	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2505081-04B	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505081-04C	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505081-04D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2505081-04E	Plastic 120ml unpreserved	A	NA		2.4	Y	Absent		TS(7)
L2505081-04F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2505081-05A	Vial MeOH preserved	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2505081-05B	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505081-05C	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505081-05D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2505081-05E	Plastic 120ml unpreserved	A	NA		2.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2505081-05F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2505081-06A	Vial MeOH preserved	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2505081-06B	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505081-06C	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505081-06D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2505081-06E	Plastic 120ml unpreserved	A	NA		2.4	Y	Absent		TS(7)
L2505081-06F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2505081-07A	Vial MeOH preserved	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2505081-07B	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505081-07C	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505081-07D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2505081-07E	Plastic 120ml unpreserved	A	NA		2.4	Y	Absent		TS(7)
L2505081-07F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2505081-08A	Vial MeOH preserved	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14),NYTCL-8260H(14)
L2505081-08B	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14),NYTCL-8260H(14)
L2505081-08C	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14),NYTCL-8260H(14)

*Values in parentheses indicate holding time in days

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505081
Report Date: 02/05/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2505081-08D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2505081-08E	Plastic 120ml unpreserved	A	NA		2.4	Y	Absent		TS(7)
L2505081-08F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2505081-09A	Vial MeOH preserved	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2505081-09B	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505081-09C	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505081-09D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2505081-09E	Plastic 120ml unpreserved	A	NA		2.4	Y	Absent		TS(7)
L2505081-09F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2505081-10A	Vial MeOH preserved	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2505081-10B	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505081-10C	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505081-10D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2505081-10E	Plastic 120ml unpreserved	A	NA		2.4	Y	Absent		TS(7)
L2505081-10F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: PEEKSKILL NY **Lab Number:** L2505081

Project Number: 13904 **Report Date:** 02/05/25

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:	PEEKSKILL NY	**Lab Number:**	L2505081
Project Number:	13904	**Report Date:**	02/05/25

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:	PEEKSKILL NY	**Lab Number:**	L2505081
Project Number:	13904	**Report Date:**	02/05/25

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: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505081
Report Date: 02/05/25

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: 1/30/25

L2505081 **12FEB25**
SESI

Client Information

Client: 959 RT 46, (SESI)
Address: Parsippany, NJ 07054 NJ
Phone: 973 8089050
Fax:
Email: Sheng.long@SESI.org

Project Information

Project Name: 418 N Division ST.
Project Location: Peekskill, NY
Project #: 13904 ~~Phase 1~~
(Use Project name as Project #)
Project Manager: Sheng Long
ALPHAQuote #:

Turn-Around Time

Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables

[ ] ASP-A [X] 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
[X] NY Restricted Use [ ] Other
[X] 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:

Use date, And time on chain on final report

Please specify Metals or TAL.

ANALYSIS

TCL+30/TAL & VOCs

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+30/TAL & VOCs	Sample Specific Comments	Total Bottle
05081-01	SB-110 (0.5-1)	1/28/25	1130	SOIL	RR	X		6
02	SB-111 (0.5-1)		1400					
03	SB-112 (0.5-1)		1210					
04	SB-113 (0.5-1)		1230					
05	SB-114 (0.5-1)		1115					
06	SB-115 (0.5-1)		1200					
07	SB-116 (2-2.5)		1530					
08	SB-118 (3.5-4)		1205					
09	SB-119 (8-8.5)		1500					
10	SB-10~~8~~7 (0.5-1)		1545					

Container Type
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
eliana Diaz	1/28/25 @ 1700	CUSTODY	1/ /25 @ 17:00
CUSTODY	1/29/25 19:20	NYSC	1/29/25 19:20
NYSC	1/29/25 19:20	Anthony Green	JAN 29 2025 21:50
Anthony Green	1/30/25 0120		1/30/25 0120
	1/30/25 0320		01/30/25-0320

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:	L2505083
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Sheng Long
Phone:	(973) 808-9050
Project Name:	PEEKSKILL NY
Project Number:	13904
Report Date:	02/05/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

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: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505083
Report Date: 02/05/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2505083-01	SB-103 (1-1.5)	SOIL	418 N DIVISION ST PEEKSKILL, NY	01/29/25 10:40	01/29/25
L2505083-02	SB-102 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	01/29/25 10:00	01/29/25
L2505083-03	SB-108 (0.5-1)	SOIL	418 N DIVISION ST PEEKSKILL, NY	01/29/25 09:30	01/29/25

Project Name:	PEEKSKILL NY	**Lab Number:**	L2505083
Project Number:	13904	**Report Date:**	02/05/25

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:	PEEKSKILL NY	**Lab Number:**	L2505083
Project Number:	13904	**Report Date:**	02/05/25

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

The WG2025467-2/-3 LCS/LCSD recoveries associated with L2505083-01 through -03 are below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L2505083-01 through -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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: Kelly O'Neill

Title: Technical Director/Representative Date: 02/05/25

ORGANICS

VOLATILES

Project Name: PEEKSKILL NY
Lab Number: L2505083
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-01
Client ID: SB-103 (1-1.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/29/25 10:40
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/04/25 12:16
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	0.38	J	ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	0.57		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: PEEKSKILL NY **Lab Number:** L2505083

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-01 Date Collected: 01/29/25 10:40

Client ID: SB-103 (1-1.5) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: PEEKSKILL NY **Lab Number:** L2505083

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-01 Date Collected: 01/29/25 10:40

Client ID: SB-103 (1-1.5) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1
Tentatively Identified Compounds						
Total TIC Compounds	3.14	J	ug/kg			1
Cyclopentane	3.14	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-02
Client ID: SB-102 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/29/25 10:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/04/25 12:41
Analyst: JIC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	12	5.7	1
1,1-Dichloroethane	ND		ug/kg	2.5	0.36	1
Chloroform	ND		ug/kg	3.7	0.35	1
Carbon tetrachloride	ND		ug/kg	2.5	0.57	1
1,2-Dichloropropane	ND		ug/kg	2.5	0.31	1
Dibromochloromethane	ND		ug/kg	2.5	0.35	1
1,1,2-Trichloroethane	ND		ug/kg	2.5	0.66	1
Tetrachloroethene	2.6		ug/kg	1.2	0.48	1
Chlorobenzene	ND		ug/kg	1.2	0.31	1
Trichlorofluoromethane	ND		ug/kg	9.9	1.7	1
1,2-Dichloroethane	ND		ug/kg	2.5	0.64	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.41	1
Bromodichloromethane	ND		ug/kg	1.2	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	2.5	0.68	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.39	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.39	1
1,1-Dichloropropene	ND		ug/kg	1.2	0.39	1
Bromoform	ND		ug/kg	9.9	0.61	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.41	1
Benzene	ND		ug/kg	1.2	0.41	1
Toluene	ND		ug/kg	2.5	1.3	1
Ethylbenzene	ND		ug/kg	2.5	0.35	1
Chloromethane	ND		ug/kg	9.9	2.3	1
Bromomethane	ND		ug/kg	4.9	1.4	1
Vinyl chloride	ND		ug/kg	2.5	0.83	1
Chloroethane	ND		ug/kg	4.9	1.1	1
1,1-Dichloroethene	ND		ug/kg	2.5	0.59	1
trans-1,2-Dichloroethene	ND		ug/kg	3.7	0.34	1

Project Name: PEEKSKILL NY **Lab Number:** L2505083

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-02 Date Collected: 01/29/25 10:00

Client ID: SB-102 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	1.2	0.34	1
1,2-Dichlorobenzene	ND		ug/kg	4.9	0.36	1
1,3-Dichlorobenzene	ND		ug/kg	4.9	0.37	1
1,4-Dichlorobenzene	ND		ug/kg	4.9	0.42	1
Methyl tert butyl ether	ND		ug/kg	4.9	0.50	1
p/m-Xylene	ND		ug/kg	4.9	1.4	1
o-Xylene	ND		ug/kg	2.5	0.72	1
Xylenes, Total	ND		ug/kg	2.5	0.72	1
cis-1,2-Dichloroethene	ND		ug/kg	2.5	0.43	1
1,2-Dichloroethene, Total	ND		ug/kg	2.5	0.34	1
Dibromomethane	ND		ug/kg	4.9	0.59	1
Styrene	ND		ug/kg	2.5	0.48	1
Dichlorodifluoromethane	ND		ug/kg	25	2.3	1
Acetone	ND		ug/kg	25	12.	1
Carbon disulfide	ND		ug/kg	25	11.	1
2-Butanone	ND		ug/kg	25	5.5	1
Vinyl acetate	ND		ug/kg	25	5.3	1
4-Methyl-2-pentanone	ND		ug/kg	25	3.2	1
1,2,3-Trichloropropane	ND		ug/kg	4.9	0.31	1
2-Hexanone	ND		ug/kg	25	2.9	1
Bromochloromethane	ND		ug/kg	4.9	0.51	1
2,2-Dichloropropane	ND		ug/kg	4.9	0.50	1
1,2-Dibromoethane	ND		ug/kg	2.5	0.69	1
1,3-Dichloropropane	ND		ug/kg	4.9	0.41	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.33	1
Bromobenzene	ND		ug/kg	4.9	0.36	1
n-Butylbenzene	ND		ug/kg	2.5	0.41	1
sec-Butylbenzene	ND		ug/kg	2.5	0.36	1
tert-Butylbenzene	ND		ug/kg	4.9	0.29	1
o-Chlorotoluene	ND		ug/kg	4.9	0.47	1
p-Chlorotoluene	ND		ug/kg	4.9	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.4	2.5	1
Hexachlorobutadiene	ND		ug/kg	9.9	0.42	1
Isopropylbenzene	ND		ug/kg	2.5	0.27	1
p-Isopropyltoluene	ND		ug/kg	2.5	0.27	1
Naphthalene	ND		ug/kg	9.9	1.6	1
Acrylonitrile	ND		ug/kg	9.9	2.8	1

Project Name: PEEKSKILL NY **Lab Number:** L2505083

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-02 Date Collected: 01/29/25 10:00

Client ID: SB-102 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	2.5	0.42	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	0.80	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	0.67	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.9	0.48	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.9	0.83	1
1,4-Dioxane	ND		ug/kg	200	87.	1
p-Diethylbenzene	ND		ug/kg	4.9	0.44	1
p-Ethyltoluene	ND		ug/kg	4.9	0.95	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.9	0.47	1
Ethyl ether	ND		ug/kg	4.9	0.84	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	12	3.5	1
Tentatively Identified Compounds						
Total TIC Compounds	5.59	J	ug/kg			1
Unknown	5.59	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	104		70-130

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-03
Client ID: SB-108 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/29/25 09:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/04/25 13:06
Analyst: JIC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: PEEKSKILL NY **Lab Number:** L2505083

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-03 Date Collected: 01/29/25 09:30

Client ID: SB-108 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	5.0	0.80	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: PEEKSKILL NY
Lab Number: L2505083
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-03
Client ID: SB-108 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/29/25 09:30
Date Received: 01/29/25
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	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
1,4-Dioxane	ND		ug/kg	99	43.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**137**	Q	70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	110		70-130

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/04/25 11:00
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG2026972-5					
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	ND		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: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/04/25 11:00
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG2026972-5					
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: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/04/25 11:00
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG2026972-5					
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					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/04/25 11:00
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG2026972-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

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: WG2026972-3 WG2026972-4								
Methylene chloride	92		100		70-130	8		30
1,1-Dichloroethane	105		114		70-130	8		30
Chloroform	103		116		70-130	12		30
Carbon tetrachloride	100		112		70-130	11		30
1,2-Dichloropropane	108		115		70-130	6		30
Dibromochloromethane	90		95		70-130	5		30
1,1,2-Trichloroethane	106		112		70-130	6		30
Tetrachloroethene	104		114		70-130	9		30
Chlorobenzene	99		107		70-130	8		30
Trichlorofluoromethane	100		113		70-139	12		30
1,2-Dichloroethane	109		116		70-130	6		30
1,1,1-Trichloroethane	107		118		70-130	10		30
Bromodichloromethane	110		118		70-130	7		30
trans-1,3-Dichloropropene	104		110		70-130	6		30
cis-1,3-Dichloropropene	110		118		70-130	7		30
1,1-Dichloropropene	93		104		70-130	11		30
Bromoform	95		106		70-130	11		30
1,1,2,2-Tetrachloroethane	99		104		70-130	5		30
Benzene	102		112		70-130	9		30
Toluene	96		105		70-130	9		30
Ethylbenzene	97		105		70-130	8		30
Chloromethane	102		111		52-130	8		30
Bromomethane	130		137		57-147	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

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: WG2026972-3 WG2026972-4								
Vinyl chloride	100		110		67-130	10		30
Chloroethane	102		114		50-151	11		30
1,1-Dichloroethene	99		109		65-135	10		30
trans-1,2-Dichloroethene	101		112		70-130	10		30
Trichloroethene	110		120		70-130	9		30
1,2-Dichlorobenzene	95		104		70-130	9		30
1,3-Dichlorobenzene	94		104		70-130	10		30
1,4-Dichlorobenzene	94		101		70-130	7		30
Methyl tert butyl ether	102		108		66-130	6		30
p/m-Xylene	101		111		70-130	9		30
o-Xylene	102		110		70-130	8		30
cis-1,2-Dichloroethene	104		112		70-130	7		30
Dibromomethane	110		117		70-130	6		30
Styrene	101		107		70-130	6		30
Dichlorodifluoromethane	81		90		30-146	11		30
Acetone	88		91		54-140	3		30
Carbon disulfide	94		104		59-130	10		30
2-Butanone	104		104		70-130	0		30
Vinyl acetate	110		119		70-130	8		30
4-Methyl-2-pentanone	100		100		70-130	0		30
1,2,3-Trichloropropane	96		100		68-130	4		30
2-Hexanone	92		96		70-130	4		30
Bromochloromethane	100		106		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

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: WG2026972-3 WG2026972-4								
2,2-Dichloropropane	104		112		70-130	7		30
1,2-Dibromoethane	93		97		70-130	4		30
1,3-Dichloropropane	102		107		69-130	5		30
1,1,1,2-Tetrachloroethane	102		110		70-130	8		30
Bromobenzene	95		102		70-130	7		30
n-Butylbenzene	97		107		70-130	10		30
sec-Butylbenzene	95		105		70-130	10		30
tert-Butylbenzene	94		105		70-130	11		30
o-Chlorotoluene	92		102		70-130	10		30
p-Chlorotoluene	94		103		70-130	9		30
1,2-Dibromo-3-chloropropane	94		99		68-130	5		30
Hexachlorobutadiene	95		108		67-130	13		30
Isopropylbenzene	94		105		70-130	11		30
p-Isopropyltoluene	96		106		70-130	10		30
Naphthalene	98		105		70-130	7		30
Acrylonitrile	103		103		70-130	0		30
n-Propylbenzene	97		107		70-130	10		30
1,2,3-Trichlorobenzene	97		106		70-130	9		30
1,2,4-Trichlorobenzene	98		109		70-130	11		30
1,3,5-Trimethylbenzene	95		103		70-130	8		30
1,2,4-Trimethylbenzene	96		104		70-130	8		30
1,4-Dioxane	111		112		65-136	1		30
p-Diethylbenzene	96		108		70-130	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

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: WG2026972-3 WG2026972-4								
p-Ethyltoluene	96		106		70-130	10		30
1,2,4,5-Tetramethylbenzene	96		106		70-130	10		30
Ethyl ether	104		109		67-130	5		30
trans-1,4-Dichloro-2-butene	105		112		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	95		97		70-130
Dibromofluoromethane	100		101		70-130

SEMIVOLATILES

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-01
Client ID: SB-103 (1-1.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/29/25 10:40
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/01/25 03:04
Analyst: MRG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	29	J	ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505083

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-01 Date Collected: 01/29/25 10:40

Client ID: SB-103 (1-1.5) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	24	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	16.	1
2-Methylnaphthalene	40	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505083

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-01 Date Collected: 01/29/25 10:40

Client ID: SB-103 (1-1.5) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	102		25-120
Phenol-d6	112		10-120
Nitrobenzene-d5	**123**	Q	23-120
2-Fluorobiphenyl	118		30-120
2,4,6-Tribromophenol	113		10-136
4-Terphenyl-d14	117		18-120

Project Name: PEEKSKILL NY
Lab Number: L2505083
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-02
Client ID: SB-102 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/29/25 10:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/01/25 07:22
Analyst: MRG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	58	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	1000		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	25	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	63	J	ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505083

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-02 Date Collected: 01/29/25 10:00

Client ID: SB-102 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	580		ug/kg	110	20.	1
Benzo(a)pyrene	560		ug/kg	140	43.	1
Benzo(b)fluoranthene	770		ug/kg	110	30.	1
Benzo(k)fluoranthene	220		ug/kg	110	28.	1
Chrysene	530		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	170		ug/kg	110	34.	1
Benzo(ghi)perylene	370		ug/kg	140	21.	1
Fluorene	56	J	ug/kg	180	17.	1
Phenanthrene	680		ug/kg	110	21.	1
Dibenzo(a,h)anthracene	78	J	ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	320		ug/kg	140	25.	1
Pyrene	890		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	32	J	ug/kg	180	17.	1
2-Methylnaphthalene	24	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505083

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-02 Date Collected: 01/29/25 10:00

Client ID: SB-102 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	120	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
Total TIC Compounds	1070	J	ug/kg			1
Unknown	589	J	ug/kg			1
Unknown	146	J	ug/kg			1
Unknown PAH	339	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	117		25-120
Phenol-d6	115		10-120
Nitrobenzene-d5	**127**	Q	23-120
2-Fluorobiphenyl	113		30-120
2,4,6-Tribromophenol	**143**	Q	10-136
4-Terphenyl-d14	111		18-120

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-03
Client ID: SB-108 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/29/25 09:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/01/25 06:58
Analyst: MRG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	420		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	28	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505083

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-03 Date Collected: 01/29/25 09:30

Client ID: SB-108 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	240		ug/kg	110	21.	1
Benzo(a)pyrene	270		ug/kg	150	46.	1
Benzo(b)fluoranthene	380		ug/kg	110	32.	1
Benzo(k)fluoranthene	100	J	ug/kg	110	30.	1
Chrysene	260		ug/kg	110	19.	1
Acenaphthylene	36	J	ug/kg	150	29.	1
Anthracene	55	J	ug/kg	110	36.	1
Benzo(ghi)perylene	170		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	190		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	37	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	160		ug/kg	150	26.	1
Pyrene	380		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: PEEKSKILL NY **Lab Number:** L2505083

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-03 Date Collected: 01/29/25 09:30

Client ID: SB-108 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, 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	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	29	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
Total TIC Compounds	569	J	ug/kg			1
Unknown PAH	215	J	ug/kg			1
Unknown Organic Acid	190	J	ug/kg			1
Unknown	164	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	105		25-120
Phenol-d6	105		10-120
Nitrobenzene-d5	113		23-120
2-Fluorobiphenyl	113		30-120
2,4,6-Tribromophenol	126		10-136
4-Terphenyl-d14	118		18-120

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/01/25 00:00
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2025467-1					
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	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
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	25.
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: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/01/25 00:00
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2025467-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
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	25.
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	21.
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	68.
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	24.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/01/25 00:00
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 01/31/25 01:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2025467-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
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	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
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	107		25-120
Phenol-d6	104		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	111		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	118		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505083
Report Date: 02/05/25

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: WG2025467-2 WG2025467-3								
Acenaphthene	97		111		31-137	13		50
1,2,4-Trichlorobenzene	89		102		38-107	14		50
Hexachlorobenzene	99		112		40-140	12		50
Bis(2-chloroethyl)ether	87		97		40-140	11		50
2-Chloronaphthalene	99		113		40-140	13		50
1,2-Dichlorobenzene	84		94		40-140	11		50
1,3-Dichlorobenzene	83		93		40-140	11		50
1,4-Dichlorobenzene	84		92		28-104	9		50
3,3'-Dichlorobenzidine	84		96		40-140	13		50
2,4-Dinitrotoluene	112		126		40-132	12		50
2,6-Dinitrotoluene	112		126		40-140	12		50
Fluoranthene	102		115		40-140	12		50
4-Chlorophenyl phenyl ether	104		117		40-140	12		50
4-Bromophenyl phenyl ether	103		117		40-140	13		50
Bis(2-chloroisopropyl)ether	77		86		40-140	11		50
Bis(2-chloroethoxy)methane	95		108		40-117	13		50
Hexachlorobutadiene	95		109		40-140	14		50
Hexachlorocyclopentadiene	76		96		40-140	23		50
Hexachloroethane	86		97		40-140	12		50
Isophorone	94		105		40-140	11		50
Naphthalene	91		104		40-140	13		50
Nitrobenzene	90		100		40-140	11		50
NDPA/DPA	103		116		36-157	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505083
Report Date: 02/05/25

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: WG2025467-2 WG2025467-3								
n-Nitrosodi-n-propylamine	90		99		32-121	10		50
Bis(2-ethylhexyl)phthalate	100		115		40-140	14		50
Butyl benzyl phthalate	104		121		40-140	15		50
Di-n-butylphthalate	106		120		40-140	12		50
Di-n-octylphthalate	99		116		40-140	16		50
Diethyl phthalate	103		118		40-140	14		50
Dimethyl phthalate	106		120		40-140	12		50
Benzo(a)anthracene	99		114		40-140	14		50
Benzo(a)pyrene	103		117		40-140	13		50
Benzo(b)fluoranthene	98		114		40-140	15		50
Benzo(k)fluoranthene	99		114		40-140	14		50
Chrysene	97		112		40-140	14		50
Acenaphthylene	109		123		40-140	12		50
Anthracene	104		117		40-140	12		50
Benzo(ghi)perylene	102		115		40-140	12		50
Fluorene	102		115		40-140	12		50
Phenanthrene	101		113		40-140	11		50
Dibenzo(a,h)anthracene	101		114		40-140	12		50
Indeno(1,2,3-cd)pyrene	100		112		40-140	11		50
Pyrene	103		115		35-142	11		50
Biphenyl	104		116		37-127	11		50
4-Chloroaniline	65		62		40-140	5		50
2-Nitroaniline	115		131		47-134	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505083
Report Date: 02/05/25

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: WG2025467-2 WG2025467-3								
3-Nitroaniline	84		89		26-129	6		50
4-Nitroaniline	105		117		41-125	11		50
Dibenzofuran	100		112		40-140	11		50
2-Methylnaphthalene	89		101		40-140	13		50
1,2,4,5-Tetrachlorobenzene	103		**118**	Q	40-117	14		50
Acetophenone	97		107		14-144	10		50
2,4,6-Trichlorophenol	106		120		30-130	12		50
p-Chloro-m-cresol	**106**	Q	**120**	Q	26-103	12		50
2-Chlorophenol	92		102		25-102	10		50
2,4-Dichlorophenol	104		115		30-130	10		50
2,4-Dimethylphenol	112		126		30-130	12		50
2-Nitrophenol	104		113		30-130	8		50
4-Nitrophenol	103		**122**	Q	11-114	17		50
2,4-Dinitrophenol	37		39		4-130	5		50
4,6-Dinitro-o-cresol	100		119		10-130	17		50
Pentachlorophenol	82		97		17-109	17		50
Phenol	**101**	Q	**110**	Q	26-90	9		50
2-Methylphenol	99		108		30-130.	9		50
3-Methylphenol/4-Methylphenol	102		110		30-130	8		50
2,4,5-Trichlorophenol	109		121		30-130	10		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	99		108		40-140	9		50
Carbazole	104		116		54-128	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

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: WG2025467-2 WG2025467-3								
1,4-Dioxane	62		68		40-140	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	88		101		25-120
Phenol-d6	92		103		10-120
Nitrobenzene-d5	91		103		23-120
2-Fluorobiphenyl	102		114		30-120
2,4,6-Tribromophenol	102		117		10-136
4-Terphenyl-d14	101		113		18-120

PCBS

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-01
Client ID: SB-103 (1-1.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/29/25 10:40
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/31/25 14:46
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 22:50
Cleanup Method: EPA 3665A
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.7	4.50	1	A
Aroclor 1221	ND		ug/kg	50.7	5.08	1	A
Aroclor 1232	ND		ug/kg	50.7	10.7	1	A
Aroclor 1242	ND		ug/kg	50.7	6.83	1	A
Aroclor 1248	ND		ug/kg	50.7	7.60	1	A
Aroclor 1254	ND		ug/kg	50.7	5.54	1	A
Aroclor 1260	ND		ug/kg	50.7	9.36	1	A
Aroclor 1262	ND		ug/kg	50.7	6.43	1	A
Aroclor 1268	ND		ug/kg	50.7	5.25	1	A
PCBs, Total	ND		ug/kg	50.7	4.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-02
Client ID: SB-102 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/29/25 10:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/31/25 14:54
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 22:50
Cleanup Method: EPA 3665A
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.0	4.61	1	A
Aroclor 1221	ND		ug/kg	52.0	5.21	1	A
Aroclor 1232	ND		ug/kg	52.0	11.0	1	A
Aroclor 1242	ND		ug/kg	52.0	7.00	1	A
Aroclor 1248	ND		ug/kg	52.0	7.79	1	A
Aroclor 1254	ND		ug/kg	52.0	5.68	1	A
Aroclor 1260	15.4	J	ug/kg	52.0	9.60	1	B
Aroclor 1262	ND		ug/kg	52.0	6.60	1	A
Aroclor 1268	ND		ug/kg	52.0	5.38	1	A
PCBs, Total	15.4	J	ug/kg	52.0	4.61	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-03
Client ID: SB-108 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/29/25 09:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/31/25 15:02
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 22:50
Cleanup Method: EPA 3665A
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.9	4.69	1	A
Aroclor 1221	ND		ug/kg	52.9	5.30	1	A
Aroclor 1232	ND		ug/kg	52.9	11.2	1	A
Aroclor 1242	ND		ug/kg	52.9	7.13	1	A
Aroclor 1248	ND		ug/kg	52.9	7.93	1	A
Aroclor 1254	ND		ug/kg	52.9	5.78	1	A
Aroclor 1260	ND		ug/kg	52.9	9.77	1	A
Aroclor 1262	ND		ug/kg	52.9	6.71	1	A
Aroclor 1268	ND		ug/kg	52.9	5.48	1	A
PCBs, Total	ND		ug/kg	52.9	4.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/31/25 06:55
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 01/30/25 18:50
Cleanup Method: EPA 3665A
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG2025366-1						
Aroclor 1016	ND		ug/kg	48.5	4.31	A
Aroclor 1221	ND		ug/kg	48.5	4.86	A
Aroclor 1232	ND		ug/kg	48.5	10.3	A
Aroclor 1242	ND		ug/kg	48.5	6.54	A
Aroclor 1248	ND		ug/kg	48.5	7.28	A
Aroclor 1254	ND		ug/kg	48.5	5.31	A
Aroclor 1260	ND		ug/kg	48.5	8.97	A
Aroclor 1262	ND		ug/kg	48.5	6.16	A
Aroclor 1268	ND		ug/kg	48.5	5.03	A
PCBs, Total	ND		ug/kg	48.5	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	61		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

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: WG2025366-2 WG2025366-3									
Aroclor 1016	76		76		40-140	0		50	A
Aroclor 1260	73		76		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		77		30-150	A
Decachlorobiphenyl	68		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		75		30-150	B
Decachlorobiphenyl	61		62		30-150	B

PESTICIDES

Project Name: PEEKSKILL NY
Lab Number: L2505083
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-01
Client ID: SB-103 (1-1.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/29/25 10:40
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/25 16:51
Analyst: JAG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.320	1	A
Lindane	ND		ug/kg	0.680	0.304	1	A
Alpha-BHC	ND		ug/kg	0.680	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.619	1	A
Heptachlor	ND		ug/kg	0.816	0.366	1	A
Aldrin	ND		ug/kg	1.63	0.574	1	A
Heptachlor epoxide	ND		ug/kg	3.06	0.918	1	A
Endrin	ND		ug/kg	0.680	0.279	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.714	1	A
Endrin ketone	ND		ug/kg	1.63	0.420	1	A
Dieldrin	ND		ug/kg	1.02	0.510	1	A
4,4'-DDE	6.17		ug/kg	1.63	0.377	1	A
4,4'-DDD	0.705	J	ug/kg	1.63	0.582	1	B
4,4'-DDT	12.2		ug/kg	1.63	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.385	1	A
Endosulfan II	ND		ug/kg	1.63	0.545	1	A
Endosulfan sulfate	ND		ug/kg	0.680	0.324	1	A
Methoxychlor	ND		ug/kg	3.06	0.952	1	A
Toxaphene	ND		ug/kg	30.6	8.56	1	A
cis-Chlordane	ND		ug/kg	2.04	0.568	1	A
trans-Chlordane	ND		ug/kg	2.04	0.538	1	A
Chlordane	ND		ug/kg	13.6	5.40	1	A

Project Name: PEEKSKILL NY **Lab Number:** L2505083

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-01 Date Collected: 01/29/25 10:40

Client ID: SB-103 (1-1.5) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	94		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-02
Client ID: SB-102 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/29/25 10:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/25 17:02
Analyst: JAG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.331	1	A
Lindane	ND		ug/kg	0.704	0.315	1	A
Alpha-BHC	ND		ug/kg	0.704	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.641	1	A
Heptachlor	ND		ug/kg	0.845	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.595	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.951	1	A
Endrin	ND		ug/kg	0.704	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.739	1	A
Endrin ketone	ND		ug/kg	1.69	0.435	1	A
Dieldrin	ND		ug/kg	1.06	0.528	1	A
4,4'-DDE	280		ug/kg	1.69	0.391	1	A
4,4'-DDD	134		ug/kg	1.69	0.603	1	B
4,4'-DDT	1320	IPE	ug/kg	1.69	1.36	1	B
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	ND		ug/kg	1.69	0.565	1	A
Endosulfan sulfate	ND		ug/kg	0.704	0.335	1	A
Methoxychlor	ND		ug/kg	3.17	0.986	1	A
Toxaphene	ND		ug/kg	31.7	8.87	1	A
cis-Chlordane	1.56	JIP	ug/kg	2.11	0.589	1	B
trans-Chlordane	4.50		ug/kg	2.11	0.558	1	B
Chlordane	ND		ug/kg	14.1	5.60	1	A

Project Name: PEEKSKILL NY **Lab Number:** L2505083

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-02 Date Collected: 01/29/25 10:00

Client ID: SB-102 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	100		30-150	A
Decachlorobiphenyl	108		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: PEEKSKILL NY
Lab Number: L2505083
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-02 D
Client ID: SB-102 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/29/25 10:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/25 20:34
Analyst: PEG/D
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	4020		ug/kg	84.5	68.0	50	A

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-03
Client ID: SB-108 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY

Date Collected: 01/29/25 09:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/31/25 17:42
Analyst: JAG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 01/30/25 22:17
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.338	1	A
Lindane	ND		ug/kg	0.720	0.322	1	A
Alpha-BHC	ND		ug/kg	0.720	0.204	1	A
Beta-BHC	ND		ug/kg	1.73	0.655	1	A
Heptachlor	ND		ug/kg	0.864	0.387	1	A
Aldrin	ND		ug/kg	1.73	0.608	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.972	1	A
Endrin	ND		ug/kg	0.720	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.756	1	A
Endrin ketone	ND		ug/kg	1.73	0.445	1	A
Dieldrin	ND		ug/kg	1.08	0.540	1	A
4,4'-DDE	ND		ug/kg	1.73	0.400	1	A
4,4'-DDD	ND		ug/kg	1.73	0.616	1	A
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.408	1	A
Endosulfan II	ND		ug/kg	1.73	0.577	1	A
Endosulfan sulfate	ND		ug/kg	0.720	0.343	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.07	1	A
cis-Chlordane	ND		ug/kg	2.16	0.602	1	A
trans-Chlordane	ND		ug/kg	2.16	0.570	1	A
Chlordane	ND		ug/kg	14.4	5.72	1	A

Project Name: PEEKSKILL NY **Lab Number:** L2505083

Project Number: 13904 **Report Date:** 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-03 Date Collected: 01/29/25 09:30

Client ID: SB-108 (0.5-1) Date Received: 01/29/25

Sample Location: 418 N DIVISION ST PEEKSKILL, NY 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	95		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/31/25 12:45
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG2025397-1						
Delta-BHC	ND		ug/kg	1.60	0.313	A
Lindane	ND		ug/kg	0.666	0.298	A
Alpha-BHC	ND		ug/kg	0.666	0.189	A
Beta-BHC	ND		ug/kg	1.60	0.606	A
Heptachlor	ND		ug/kg	0.799	0.358	A
Aldrin	ND		ug/kg	1.60	0.563	A
Heptachlor epoxide	ND		ug/kg	3.00	0.899	A
Endrin	ND		ug/kg	0.666	0.273	A
Endrin aldehyde	ND		ug/kg	2.00	0.700	A
Endrin ketone	ND		ug/kg	1.60	0.412	A
Dieldrin	ND		ug/kg	0.999	0.500	A
4,4'-DDE	ND		ug/kg	1.60	0.370	A
4,4'-DDD	ND		ug/kg	1.60	0.570	A
4,4'-DDT	ND		ug/kg	1.60	1.28	A
Endosulfan I	ND		ug/kg	1.60	0.378	A
Endosulfan II	ND		ug/kg	1.60	0.534	A
Endosulfan sulfate	ND		ug/kg	0.666	0.317	A
Methoxychlor	ND		ug/kg	3.00	0.933	A
Toxaphene	ND		ug/kg	30.0	8.39	A
cis-Chlordane	ND		ug/kg	2.00	0.557	A
trans-Chlordane	ND		ug/kg	2.00	0.528	A
Chlordane	ND		ug/kg	13.3	5.30	A

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/31/25 12:45
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 01/30/25 19:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/31/25
Cleanup Method: EPA 3660B
Cleanup Date: 01/31/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG2025397-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	63		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

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: WG2025397-2 WG2025397-3									
Delta-BHC	112		105		30-150	6		30	A
Lindane	91		97		30-150	6		30	A
Alpha-BHC	90		96		30-150	6		30	A
Beta-BHC	90		98		30-150	9		30	A
Heptachlor	67		70		30-150	4		30	A
Aldrin	81		86		30-150	6		30	A
Heptachlor epoxide	82		88		30-150	7		30	A
Endrin	90		97		30-150	7		30	A
Endrin aldehyde	66		67		30-150	2		30	A
Endrin ketone	89		94		30-150	5		30	A
Dieldrin	96		102		30-150	6		30	A
4,4'-DDE	82		87		30-150	6		30	A
4,4'-DDD	97		104		30-150	7		30	A
4,4'-DDT	83		84		30-150	1		30	A
Endosulfan I	84		90		30-150	7		30	A
Endosulfan II	82		88		30-150	7		30	A
Endosulfan sulfate	78		82		30-150	5		30	A
Methoxychlor	81		82		30-150	1		30	A
cis-Chlordane	84		89		30-150	6		30	A
trans-Chlordane	82		87		30-150	6		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

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: WG2025397-2 WG2025397-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		63		30-150	A
Decachlorobiphenyl	62		60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		55		30-150	B
Decachlorobiphenyl	60		59		30-150	B

METALS

Project Name: PEEKSKILL NY
Lab Number: L2505083
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-01
Client ID: SB-103 (1-1.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/29/25 10:40
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7210		mg/kg	8.46	2.75	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.23	3.26	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.18		mg/kg	0.846	0.366	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Barium, Total	70.5		mg/kg	0.846	0.090	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.137	J	mg/kg	0.423	0.047	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.072	J	mg/kg	0.846	0.047	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Calcium, Total	1150		mg/kg	8.46	4.80	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Chromium, Total	5.36		mg/kg	0.846	0.718	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.45		mg/kg	1.69	0.210	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Copper, Total	10.2		mg/kg	0.846	0.192	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Iron, Total	10900		mg/kg	4.23	0.889	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Lead, Total	1.57	J	mg/kg	4.23	0.201	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Magnesium, Total	3610		mg/kg	8.46	1.38	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Manganese, Total	259		mg/kg	0.846	0.454	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.077	0.050	1	01/31/25 03:28	02/04/25 19:06	EPA 7471B	1,7471B	JWN
Nickel, Total	4.26		mg/kg	2.12	0.684	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Potassium, Total	2850		mg/kg	212	42.9	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.69	0.278	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.423	0.252	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Sodium, Total	ND		mg/kg	169	89.7	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.69	0.763	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Vanadium, Total	15.4		mg/kg	0.846	0.128	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF
Zinc, Total	31.8		mg/kg	4.23	0.513	2	01/31/25 02:58	01/31/25 11:33	EPA 3050B	1,6010D	JMF

Project Name: PEEKSKILL NY
Lab Number: L2505083
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-02
Client ID: SB-102 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/29/25 10:00
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5000		mg/kg	8.31	2.70	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.15	3.20	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Arsenic, Total	6.98		mg/kg	0.831	0.359	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Barium, Total	31.2		mg/kg	0.831	0.088	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.165	J	mg/kg	0.415	0.046	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.175	J	mg/kg	0.831	0.046	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Calcium, Total	2280		mg/kg	8.31	4.71	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Chromium, Total	6.71		mg/kg	0.831	0.704	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Cobalt, Total	3.08		mg/kg	1.66	0.206	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Copper, Total	22.7		mg/kg	0.831	0.188	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Iron, Total	22900		mg/kg	4.15	0.872	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Lead, Total	22.4		mg/kg	4.15	0.198	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Magnesium, Total	2940		mg/kg	8.31	1.35	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Manganese, Total	131		mg/kg	0.831	0.445	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.073	0.048	1	01/31/25 03:28	02/04/25 19:09	EPA 7471B	1,7471B	JWN
Nickel, Total	8.07		mg/kg	2.08	0.671	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Potassium, Total	968		mg/kg	208	42.1	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.66	0.273	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.415	0.248	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Sodium, Total	177		mg/kg	166	88.1	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.66	0.749	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Vanadium, Total	13.0		mg/kg	0.831	0.125	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF
Zinc, Total	35.9		mg/kg	4.15	0.503	2	01/31/25 02:58	01/31/25 11:37	EPA 3050B	1,6010D	JMF

Project Name: PEEKSKILL NY
Lab Number: L2505083
Project Number: 13904
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-03
Client ID: SB-108 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Date Collected: 01/29/25 09:30
Date Received: 01/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10200		mg/kg	8.80	2.86	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.40	3.39	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.34		mg/kg	0.880	0.380	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Barium, Total	82.5		mg/kg	0.880	0.093	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.340	J	mg/kg	0.440	0.048	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.119	J	mg/kg	0.880	0.048	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Calcium, Total	5170		mg/kg	8.80	4.99	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Chromium, Total	10.9		mg/kg	0.880	0.747	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.20		mg/kg	1.76	0.218	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Copper, Total	21.3		mg/kg	0.880	0.200	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Iron, Total	15100		mg/kg	4.40	0.924	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Lead, Total	30.3		mg/kg	4.40	0.210	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Magnesium, Total	4000		mg/kg	8.80	1.44	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Manganese, Total	417		mg/kg	0.880	0.472	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Mercury, Total	0.429		mg/kg	0.072	0.047	1	01/31/25 03:28	02/04/25 19:19	EPA 7471B	1,7471B	JWN
Nickel, Total	9.78		mg/kg	2.20	0.711	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Potassium, Total	1890		mg/kg	220	44.6	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Selenium, Total	0.348	J	mg/kg	1.76	0.290	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.440	0.262	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Sodium, Total	430		mg/kg	176	93.3	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.76	0.794	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Vanadium, Total	20.0		mg/kg	0.880	0.133	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF
Zinc, Total	44.6		mg/kg	4.40	0.534	2	01/31/25 02:58	01/31/25 11:40	EPA 3050B	1,6010D	JMF

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

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: WG2025404-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	1.54	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.173	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.042	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.022	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.022	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	2.27	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.339	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.099	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.091	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Iron, Total	1.19	J	mg/kg	2.00	0.420	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.095	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.652	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.214	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.323	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	20.3	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.132	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.119	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	42.4	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.361	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.060	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.242	1	01/31/25 02:58	01/31/25 11:26	1,6010D	JMF

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: WG2025405-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	01/31/25 03:28	02/04/25 18:13	1,7471B	JWN

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505083
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG2025404-2								
Aluminum, Total	106		-		80-120	-		
Antimony, Total	110		-		80-120	-		
Arsenic, Total	107		-		80-120	-		
Barium, Total	107		-		80-120	-		
Beryllium, Total	112		-		80-120	-		
Cadmium, Total	113		-		80-120	-		
Calcium, Total	109		-		80-120	-		
Chromium, Total	111		-		80-120	-		
Cobalt, Total	114		-		80-120	-		
Copper, Total	113		-		80-120	-		
Iron, Total	113		-		80-120	-		
Lead, Total	104		-		80-120	-		
Magnesium, Total	111		-		80-120	-		
Manganese, Total	110		-		80-120	-		
Nickel, Total	114		-		80-120	-		
Potassium, Total	110		-		80-120	-		
Selenium, Total	109		-		80-120	-		
Silver, Total	108		-		80-120	-		
Sodium, Total	107		-		80-120	-		
Thallium, Total	111		-		80-120	-		
Vanadium, Total	113		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG2025404-2					
Zinc, Total	114	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG2025405-2					
Mercury, Total	94	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505083
Report Date: 02/05/25

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: WG2025404-3 QC Sample: L2505081-01 Client ID: MS Sample												
Aluminum, Total	7890	184	8330	**239**	Q	-	-		75-125	-		20
Antimony, Total	ND	46.1	21.3	**46**	Q	-	-		75-125	-		20
Arsenic, Total	4.75	11.1	16.7	108		-	-		75-125	-		20
Barium, Total	67.1	184	247	98		-	-		75-125	-		20
Beryllium, Total	0.283J	4.61	5.23	113		-	-		75-125	-		20
Cadmium, Total	0.270J	4.89	5.37	110		-	-		75-125	-		20
Calcium, Total	17300	922	12300	**0**	Q	-	-		75-125	-		20
Chromium, Total	10.3	18.4	29.8	106		-	-		75-125	-		20
Cobalt, Total	6.40	46.1	54.2	104		-	-		75-125	-		20
Copper, Total	41.4	23	68.2	116		-	-		75-125	-		20
Iron, Total	13700	92.2	14100	**434**	Q	-	-		75-125	-		20
Lead, Total	45.2	48.9	95.0	102		-	-		75-125	-		20
Magnesium, Total	4350	922	6250	**206**	Q	-	-		75-125	-		20
Manganese, Total	236	46.1	304	**148**	Q	-	-		75-125	-		20
Nickel, Total	12.3	46.1	60.7	105		-	-		75-125	-		20
Potassium, Total	1290	922	2410	121		-	-		75-125	-		20
Selenium, Total	ND	11.1	11.5	104		-	-		75-125	-		20
Silver, Total	ND	4.61	4.87	106		-	-		75-125	-		20
Sodium, Total	162J	922	1100	119		-	-		75-125	-		20
Thallium, Total	ND	11.1	11.7	106		-	-		75-125	-		20
Vanadium, Total	17.7	46.1	67.6	108		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505083
Report Date: 02/05/25

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: WG2025404-3 QC Sample: L2505081-01 Client ID: MS Sample										
Zinc, Total	83.4	46.1	173	**194**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2025405-3 QC Sample: L2505081-01 Client ID: MS Sample										
Mercury, Total	0.119	1.67	1.71	95		-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505083
Report Date: 02/05/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2025404-4 QC Sample: L2505081-01 Client ID: DUP Sample						
Aluminum, Total	7890	7900	mg/kg	0		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	4.75	4.42	mg/kg	7		20
Barium, Total	67.1	54.0	mg/kg	**22**	Q	20
Beryllium, Total	0.283J	0.285J	mg/kg	NC		20
Cadmium, Total	0.270J	0.293J	mg/kg	NC		20
Calcium, Total	17300	9710	mg/kg	**56**	Q	20
Chromium, Total	10.3	10.5	mg/kg	2		20
Cobalt, Total	6.40	7.42	mg/kg	15		20
Copper, Total	41.4	46.7	mg/kg	12		20
Iron, Total	13700	13800	mg/kg	1		20
Lead, Total	45.2	53.0	mg/kg	16		20
Magnesium, Total	4350	6360	mg/kg	**38**	Q	20
Manganese, Total	236	263	mg/kg	11		20
Nickel, Total	12.3	13.4	mg/kg	9		20
Potassium, Total	1290	1320	mg/kg	2		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	162J	118J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PEEKSKILL NY

Project Number: 13904

Lab Number: L2505083

Report Date: 02/05/25

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2025404-4 QC Sample: L2505081-01 Client ID: DUP Sample						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	17.7	19.2	mg/kg	8		20
Zinc, Total	83.4	90.8	mg/kg	8		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2025405-4 QC Sample: L2505081-01 Client ID: DUP Sample						
Mercury, Total	0.119	0.155	mg/kg	**26**	Q	20

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2505083
Report Date: 02/05/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG2025404-6 QC Sample: L2505081-01 Client ID: DUP Sample						
Aluminum, Total	7890	7980	mg/kg	1		20
Barium, Total	67.1	69.1	mg/kg	3		20
Calcium, Total	17300	18000	mg/kg	4		20
Copper, Total	41.4	40.3	mg/kg	3		20
Iron, Total	13700	14500	mg/kg	6		20
Magnesium, Total	4350	4420	mg/kg	2		20
Manganese, Total	236	243	mg/kg	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-01
Client ID: SB-103 (1-1.5)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil
Date Collected: 01/29/25 10:40
Date Received: 01/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.1		%	0.100	NA	1	-	01/30/25 10:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/04/25 10:15	02/04/25 14:40	1,9010C/9012B	JER

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-02
Client ID: SB-102 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 01/29/25 10:00
Date Received: 01/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	01/30/25 10:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	02/04/25 10:15	02/04/25 14:44	1,9010C/9012B	JER

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

SAMPLE RESULTS

Lab ID: L2505083-03
Client ID: SB-108 (0.5-1)
Sample Location: 418 N DIVISION ST PEEKSKILL, NY
Sample Depth:
Matrix: Soil

Date Collected: 01/29/25 09:30
Date Received: 01/29/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	01/30/25 10:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.22	1	02/04/25 10:15	02/04/25 14:45	1,9010C/9012B	JER

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

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: WG2026514-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	02/04/25 14:40	02/04/25 16:51	1,9010C/9012B	JER

Lab Control Sample Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505083
Report Date: 02/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG2026514-2 WG2026514-3								
Cyanide, Total	89		82		80-120	8		35

Matrix Spike Analysis
Batch Quality Control

Project Name: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

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 QC Batch ID: WG2026514-4 WG2026514-5 QC Sample: L2505083-01 Client ID: SB-103 (1-1.5)												
Cyanide, Total	ND	11	10	93		9.6	95		75-125	2		35
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG2026514-6 WG2026514-7 QC Sample: L2505126-01 Client ID: MS Sample												
Cyanide, Total	ND	11	10	91		11	99		75-125	8		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: PEEKSKILL NY

Project Number: 13904

Lab Number: L2505083

Report Date: 02/05/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG2025090-1 QC Sample: L2504939-01 Client ID: DUP Sample						
Solids, Total	91.5	91.6	%	0		20

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505083
Report Date: 02/05/25

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(*)
L2505083-01A	Vial MeOH preserved	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2505083-01B	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505083-01C	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505083-01D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2505083-01E	Plastic 120ml unpreserved	A	NA		2.4	Y	Absent		TS(7)
L2505083-01F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2505083-02A	Vial MeOH preserved	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2505083-02B	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505083-02C	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505083-02D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2505083-02E	Plastic 120ml unpreserved	A	NA		2.4	Y	Absent		TS(7)
L2505083-02F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2505083-03A	Vial MeOH preserved	A	NA		2.4	Y	Absent		NYTCL-8260HLW(14)
L2505083-03B	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)
L2505083-03C	Vial water preserved	A	NA		2.4	Y	Absent	30-JAN-25 07:24	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: PEEKSKILL NY
Project Number: 13904

Lab Number: L2505083
Report Date: 02/05/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2505083-03D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2505083-03E	Plastic 120ml unpreserved	A	NA		2.4	Y	Absent		TS(7)
L2505083-03F	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name:	PEEKSKILL NY	**Lab Number:**	L2505083
Project Number:	13904	**Report Date:**	02/05/25

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:	PEEKSKILL NY	**Lab Number:**	L2505083
Project Number:	13904	**Report Date:**	02/05/25

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:	PEEKSKILL NY	**Lab Number:**	L2505083
Project Number:	13904	**Report Date:**	02/05/25

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: PEEKSKILL NY
Project Number: 13904
Lab Number: L2505083
Report Date: 02/05/25

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 1 of 1

Date Rec'd in Lab 1/30/25

L2505083 **12FEB25**
SESI

Client Information

Client: 959 H46 (SESI)
Address: Parsippany NJ 07054 NJ
Phone: 973 808 9050
Fax:
Email: sheng.long@sesi.org

Project Information

Project Name: 418 N. Division St
Project Location: Peeks Kill, NJ
Project #: 13904
(Use Project name as Project #) ☐
Project Manager: Shen long
ALPHAQuote #:

Turn-Around Time

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

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:

Use Information on the Chain

Please specify Metals or TAL.

ANALYSIS

TCL+30/TAL Metals

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+30/TAL Metals	Sample Specific Comments	Total Bottle
05083-01	SB-103 (0-1.5)	1/29/25	1040	Soil	ERR	x		6
02	SB-102 (0.5-1)	↓	1000	↓	↓	↓		↓
03	SB-108 (0.5-1)	↓	930	↓	↓	↓		

Container Type
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
Eliana Diaz	1/29/25 @16:00	GSAC PACE	1/29/25 16:00
GSAC	1/29/25 19:20	NYSC	1/29/25 19:20
NYSC	1/29/25 19:20	Anthony Green	JAN 29 2025 2150
Anthony Green	1/30/25 0120		1/30/25 0120
	1/30/25 0320		01/30/25-0320

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:	L2505704
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Sheng Long
Phone:	(973) 808-9050
Project Name:	418 N. DIVISION ST
Project Number:	13904
Report Date:	02/10/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

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: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2505704-01	SB-100 (1-1.8)	SOIL	PEEKSKILL, NY	01/31/25 10:00	02/03/25
L2505704-02	SB-101 (0.5-1)	SOIL	PEEKSKILL, NY	01/31/25 12:00	02/03/25
L2505704-03	SB-104 (0.5-1)	SOIL	PEEKSKILL, NY	01/31/25 11:00	02/03/25
L2505704-04	SB-105 (0.5-1)	SOIL	PEEKSKILL, NY	01/31/25 15:35	02/03/25
L2505704-05	SB-106 (0.5-1)	SOIL	PEEKSKILL, NY	01/31/25 15:20	02/03/25
L2505704-06	SB-109 (0.5-1)	SOIL	PEEKSKILL, NY	01/31/25 15:40	02/03/25
L2505704-07	SB-117 (0.5-1)	SOIL	PEEKSKILL, NY	01/31/25 09:40	02/03/25

Project Name:	418 N. DIVISION ST	**Lab Number:**	L2505704
Project Number:	13904	**Report Date:**	02/10/25

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: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

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.

Sample Receipt

L2505704-01 through -07: The water-preserved VOA vials for Volatile Organics Low-Level analysis were received at the laboratory beyond the 48 hour holding time required for freezing. The client was notified and the results of the analysis are reported.

Total Metals

L2505704-01 through -05 and -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2505704-06: The sample has elevated detection limits for all elements due to the dilution required by the sample matrix.

Cyanide, Total

The WG2027194-2/-3 LCS/LCSD recoveries associated with L2505704-01 through -07, are outside our in-house acceptance criteria for cyanide, total (69%/73%), but within the vendor-certified acceptance limits. The results of the original analyses are 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

Title: Technical Director/Representative Date: 02/10/25

ORGANICS

VOLATILES

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-01
Client ID: SB-100 (1-1.8)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 10:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/06/25 23:37
Analyst: JIC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.1	4.2	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.26	1
Chloroform	ND		ug/kg	2.7	0.25	1
Carbon tetrachloride	ND		ug/kg	1.8	0.42	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.23	1
Dibromochloromethane	ND		ug/kg	1.8	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.48	1
Tetrachloroethene	ND		ug/kg	0.91	0.36	1
Chlorobenzene	ND		ug/kg	0.91	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.3	1.3	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.47	1
1,1,1-Trichloroethane	ND		ug/kg	0.91	0.30	1
Bromodichloromethane	ND		ug/kg	0.91	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.50	1
cis-1,3-Dichloropropene	ND		ug/kg	0.91	0.29	1
1,3-Dichloropropene, Total	ND		ug/kg	0.91	0.29	1
1,1-Dichloropropene	ND		ug/kg	0.91	0.29	1
Bromoform	ND		ug/kg	7.3	0.45	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.91	0.30	1
Benzene	ND		ug/kg	0.91	0.30	1
Toluene	ND		ug/kg	1.8	0.98	1
Ethylbenzene	ND		ug/kg	1.8	0.26	1
Chloromethane	ND		ug/kg	7.3	1.7	1
Bromomethane	ND		ug/kg	3.6	1.0	1
Vinyl chloride	ND		ug/kg	1.8	0.61	1
Chloroethane	ND		ug/kg	3.6	0.82	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.43	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	0.25	1

Project Name: 418 N. DIVISION ST **Lab Number:** L2505704

Project Number: 13904 **Report Date:** 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-01 Date Collected: 01/31/25 10:00

Client ID: SB-100 (1-1.8) Date Received: 02/03/25

Sample Location: PEEKSKILL, NY 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	0.91	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	3.6	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	3.6	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	3.6	0.31	1
Methyl tert butyl ether	ND		ug/kg	3.6	0.36	1
p/m-Xylene	ND		ug/kg	3.6	1.0	1
o-Xylene	ND		ug/kg	1.8	0.53	1
Xylenes, Total	ND		ug/kg	1.8	0.53	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.32	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.25	1
Dibromomethane	ND		ug/kg	3.6	0.43	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	18	1.7	1
Acetone	ND		ug/kg	18	8.7	1
Carbon disulfide	ND		ug/kg	18	8.2	1
2-Butanone	ND		ug/kg	18	4.0	1
Vinyl acetate	ND		ug/kg	18	3.9	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.3	1
1,2,3-Trichloropropane	ND		ug/kg	3.6	0.23	1
2-Hexanone	ND		ug/kg	18	2.1	1
Bromochloromethane	ND		ug/kg	3.6	0.37	1
2,2-Dichloropropane	ND		ug/kg	3.6	0.37	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.51	1
1,3-Dichloropropane	ND		ug/kg	3.6	0.30	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.91	0.24	1
Bromobenzene	ND		ug/kg	3.6	0.26	1
n-Butylbenzene	ND		ug/kg	1.8	0.30	1
sec-Butylbenzene	ND		ug/kg	1.8	0.26	1
tert-Butylbenzene	ND		ug/kg	3.6	0.21	1
o-Chlorotoluene	ND		ug/kg	3.6	0.35	1
p-Chlorotoluene	ND		ug/kg	3.6	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	1.8	1
Hexachlorobutadiene	ND		ug/kg	7.3	0.31	1
Isopropylbenzene	ND		ug/kg	1.8	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.20	1
Naphthalene	ND		ug/kg	7.3	1.2	1
Acrylonitrile	ND		ug/kg	7.3	2.1	1

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-01
Client ID: SB-100 (1-1.8)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 10:00
Date Received: 02/03/25
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	1.8	0.31	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.6	0.58	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.6	0.49	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.6	0.35	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.6	0.61	1
1,4-Dioxane	ND		ug/kg	140	64.	1
p-Diethylbenzene	ND		ug/kg	3.6	0.32	1
p-Ethyltoluene	ND		ug/kg	3.6	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.6	0.35	1
Ethyl ether	ND		ug/kg	3.6	0.62	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.1	2.6	1
Tentatively Identified Compounds						
Total TIC Compounds	5.23	J	ug/kg			1
Unknown	5.23	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	92		70-130

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-02
Client ID: SB-101 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 12:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/06/25 23:59
Analyst: JIC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	5.3		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	45		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.20	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.5	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-02
Client ID: SB-101 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 12:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.51	J	ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.14	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	9.1		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-02
Client ID: SB-101 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 12:00
Date Received: 02/03/25
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	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.7	1
Tentatively Identified Compounds						
Total TIC Compounds	3.57	J	ug/kg			1
Unknown	3.57	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	121		70-130
Dibromofluoromethane	97		70-130

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-03
Client ID: SB-104 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 11:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/07/25 00:22
Analyst: JIC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	1.4		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: 418 N. DIVISION ST **Lab Number:** L2505704

Project Number: 13904 **Report Date:** 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-03 Date Collected: 01/31/25 11:00

Client ID: SB-104 (0.5-1) Date Received: 02/03/25

Sample Location: PEEKSKILL, NY 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	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.89	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-03
Client ID: SB-104 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 11:00
Date Received: 02/03/25
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	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.26	1
1,3,5-Trimethylbenzene	0.25	J	ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	7.21	J	ug/kg			1
Unknown Cycloalkane	4.23	J	ug/kg			1
Unknown	2.98	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	93		70-130

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-04
Client ID: SB-105 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 15:35
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/07/25 00:45
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	0.21	J	ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	6.2		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.18	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: 418 N. DIVISION ST **Lab Number:** L2505704

Project Number: 13904 **Report Date:** 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-04 Date Collected: 01/31/25 15:35

Client ID: SB-105 (0.5-1) Date Received: 02/03/25

Sample Location: PEEKSKILL, NY 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	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-04
Client ID: SB-105 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 15:35
Date Received: 02/03/25
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	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	89	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1
Tentatively Identified Compounds						
Total TIC Compounds	3.12	J	ug/kg			1
Unknown	3.12	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	99		70-130

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-05
Client ID: SB-106 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 15:20
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/07/25 01:07
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	4.2		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.14	1
Chloromethane	ND		ug/kg	3.9	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 418 N. DIVISION ST **Lab Number:** L2505704

Project Number: 13904 **Report Date:** 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-05 Date Collected: 01/31/25 15:20

Client ID: SB-106 (0.5-1) Date Received: 02/03/25

Sample Location: PEEKSKILL, NY 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	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	ND		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	ND		ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-05
Client ID: SB-106 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 15:20
Date Received: 02/03/25
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	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	77	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	2.78	J	ug/kg			1
Unknown	2.78	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	95		70-130

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-06
Client ID: SB-109 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 15:40
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/07/25 01:30
Analyst: JIC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.9	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.42	1
Tetrachloroethene	ND		ug/kg	0.79	0.31	1
Chlorobenzene	ND		ug/kg	0.79	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.4	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.41	1
1,1,1-Trichloroethane	ND		ug/kg	0.79	0.26	1
Bromodichloromethane	ND		ug/kg	0.79	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.43	1
cis-1,3-Dichloropropene	ND		ug/kg	0.79	0.25	1
1,3-Dichloropropene, Total	ND		ug/kg	0.79	0.25	1
1,1-Dichloropropene	ND		ug/kg	0.79	0.25	1
Bromoform	ND		ug/kg	6.4	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.79	0.26	1
Benzene	ND		ug/kg	0.79	0.26	1
Toluene	ND		ug/kg	1.6	0.86	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.4	1.5	1
Bromomethane	ND		ug/kg	3.2	0.92	1
Vinyl chloride	ND		ug/kg	1.6	0.53	1
Chloroethane	ND		ug/kg	3.2	0.72	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1

Project Name: 418 N. DIVISION ST **Lab Number:** L2505704

Project Number: 13904 **Report Date:** 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-06 Date Collected: 01/31/25 15:40

Client ID: SB-109 (0.5-1) Date Received: 02/03/25

Sample Location: PEEKSKILL, NY 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	0.79	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	ND		ug/kg	3.2	0.89	1
o-Xylene	ND		ug/kg	1.6	0.46	1
Xylenes, Total	ND		ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	3.2	0.38	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.4	1
Acetone	ND		ug/kg	16	7.6	1
Carbon disulfide	ND		ug/kg	16	7.2	1
2-Butanone	ND		ug/kg	16	3.5	1
Vinyl acetate	ND		ug/kg	16	3.4	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.2	0.20	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.2	0.32	1
2,2-Dichloropropane	ND		ug/kg	3.2	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
1,3-Dichloropropane	ND		ug/kg	3.2	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.79	0.21	1
Bromobenzene	ND		ug/kg	3.2	0.23	1
n-Butylbenzene	ND		ug/kg	1.6	0.26	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.2	0.19	1
o-Chlorotoluene	ND		ug/kg	3.2	0.30	1
p-Chlorotoluene	ND		ug/kg	3.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.4	0.27	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.17	1
Naphthalene	ND		ug/kg	6.4	1.0	1
Acrylonitrile	ND		ug/kg	6.4	1.8	1

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-06
Client ID: SB-109 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 15:40
Date Received: 02/03/25
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	1.6	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.51	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.2	0.43	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.2	0.31	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.2	0.53	1
1,4-Dioxane	ND		ug/kg	130	56.	1
p-Diethylbenzene	ND		ug/kg	3.2	0.28	1
p-Ethyltoluene	ND		ug/kg	3.2	0.61	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.2	0.30	1
Ethyl ether	ND		ug/kg	3.2	0.54	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.9	2.2	1
Tentatively Identified Compounds						
Total TIC Compounds	4.62	J	ug/kg			1
Unknown	4.62	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	97		70-130

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-07
Client ID: SB-117 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 09:40
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/07/25 01:52
Analyst: JIC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.89	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.21	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.64	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.6	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-07
Client ID: SB-117 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 09:40
Date Received: 02/03/25
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	0.64	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.6	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.24	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.83	1
Acrylonitrile	ND		ug/kg	5.1	1.5	1

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-07
Client ID: SB-117 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 09:40
Date Received: 02/03/25
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	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.42	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.22	1
p-Ethyltoluene	ND		ug/kg	2.6	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.24	1
Ethyl ether	ND		ug/kg	2.6	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	1.8	1
Tentatively Identified Compounds						
Total TIC Compounds	3.75	J	ug/kg			1
Unknown	3.75	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/06/25 23:14
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2027794-5					
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	ND		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: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/06/25 23:14
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2027794-5					
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: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/06/25 23:14
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2027794-5					
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	2.90	J	ug/kg
Unknown	2.90	J	ug/kg

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/06/25 23:14
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2027794-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2027794-3 WG2027794-4								
Methylene chloride	101		97		70-130	4		30
1,1-Dichloroethane	104		99		70-130	5		30
Chloroform	107		99		70-130	8		30
Carbon tetrachloride	92		91		70-130	1		30
1,2-Dichloropropane	110		105		70-130	5		30
Dibromochloromethane	97		97		70-130	0		30
1,1,2-Trichloroethane	115		110		70-130	4		30
Tetrachloroethene	102		97		70-130	5		30
Chlorobenzene	107		101		70-130	6		30
Trichlorofluoromethane	90		91		70-139	1		30
1,2-Dichloroethane	108		107		70-130	1		30
1,1,1-Trichloroethane	102		98		70-130	4		30
Bromodichloromethane	108		108		70-130	0		30
trans-1,3-Dichloropropene	115		112		70-130	3		30
cis-1,3-Dichloropropene	116		113		70-130	3		30
1,1-Dichloropropene	104		101		70-130	3		30
Bromoform	98		103		70-130	5		30
1,1,2,2-Tetrachloroethane	107		105		70-130	2		30
Benzene	110		105		70-130	5		30
Toluene	104		98		70-130	6		30
Ethylbenzene	104		98		70-130	6		30
Chloromethane	87		80		52-130	8		30
Bromomethane	108		98		57-147	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2027794-3 WG2027794-4								
Vinyl chloride	93		89		67-130	4		30
Chloroethane	105		101		50-151	4		30
1,1-Dichloroethene	95		92		65-135	3		30
trans-1,2-Dichloroethene	100		96		70-130	4		30
Trichloroethene	103		102		70-130	1		30
1,2-Dichlorobenzene	110		103		70-130	7		30
1,3-Dichlorobenzene	108		100		70-130	8		30
1,4-Dichlorobenzene	108		101		70-130	7		30
Methyl tert butyl ether	113		111		66-130	2		30
p/m-Xylene	106		101		70-130	5		30
o-Xylene	110		104		70-130	6		30
cis-1,2-Dichloroethene	102		99		70-130	3		30
Dibromomethane	102		102		70-130	0		30
Styrene	112		106		70-130	6		30
Dichlorodifluoromethane	71		67		30-146	6		30
Acetone	54		62		54-140	14		30
Carbon disulfide	91		89		59-130	2		30
2-Butanone	85		88		70-130	3		30
Vinyl acetate	104		98		70-130	6		30
4-Methyl-2-pentanone	92		95		70-130	3		30
1,2,3-Trichloropropane	102		100		68-130	2		30
2-Hexanone	86		89		70-130	3		30
Bromochloromethane	106		101		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2027794-3 WG2027794-4								
2,2-Dichloropropane	103		98		70-130	5		30
1,2-Dibromoethane	115		113		70-130	2		30
1,3-Dichloropropane	114		110		69-130	4		30
1,1,1,2-Tetrachloroethane	116		113		70-130	3		30
Bromobenzene	110		102		70-130	8		30
n-Butylbenzene	105		98		70-130	7		30
sec-Butylbenzene	104		98		70-130	6		30
tert-Butylbenzene	103		97		70-130	6		30
o-Chlorotoluene	107		100		70-130	7		30
p-Chlorotoluene	110		102		70-130	8		30
1,2-Dibromo-3-chloropropane	86		90		68-130	5		30
Hexachlorobutadiene	89		85		67-130	5		30
Isopropylbenzene	105		98		70-130	7		30
p-Isopropyltoluene	105		98		70-130	7		30
Naphthalene	104		104		70-130	0		30
Acrylonitrile	87		89		70-130	2		30
n-Propylbenzene	107		99		70-130	8		30
1,2,3-Trichlorobenzene	110		105		70-130	5		30
1,2,4-Trichlorobenzene	111		105		70-130	6		30
1,3,5-Trimethylbenzene	109		101		70-130	8		30
1,2,4-Trimethylbenzene	110		103		70-130	7		30
1,4-Dioxane	90		99		65-136	10		30
p-Diethylbenzene	106		99		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2027794-3 WG2027794-4								
p-Ethyltoluene	107		100		70-130	7		30
1,2,4,5-Tetramethylbenzene	120		111		70-130	8		30
Ethyl ether	115		119		67-130	3		30
trans-1,4-Dichloro-2-butene	102		100		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		98		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	92		93		70-130

SEMIVOLATILES

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-01
Client ID: SB-100 (1-1.8)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 10:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/05/25 02:07
Analyst: MRG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 13:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 418 N. DIVISION ST **Lab Number:** L2505704

Project Number: 13904 **Report Date:** 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-01 Date Collected: 01/31/25 10:00

Client ID: SB-100 (1-1.8) Date Received: 02/03/25

Sample Location: PEEKSKILL, 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	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-01
Client ID: SB-100 (1-1.8)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 10:00
Date Received: 02/03/25
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	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	56		18-120

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-02
Client ID: SB-101 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 12:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/05/25 04:35
Analyst: IMK
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 13:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	41	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	31	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 418 N. DIVISION ST **Lab Number:** L2505704

Project Number: 13904 **Report Date:** 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-02 Date Collected: 01/31/25 12:00

Client ID: SB-101 (0.5-1) Date Received: 02/03/25

Sample Location: PEEKSKILL, 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	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	28	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	23	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	55	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	32	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-02
Client ID: SB-101 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 12:00
Date Received: 02/03/25
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	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	79		18-120

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-03
Client ID: SB-104 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 11:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/09/25 18:16
Analyst: SLR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/08/25 20:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	35	J	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	160	J	ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 418 N. DIVISION ST **Lab Number:** L2505704

Project Number: 13904 **Report Date:** 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-03 Date Collected: 01/31/25 11:00

Client ID: SB-104 (0.5-1) Date Received: 02/03/25

Sample Location: PEEKSKILL, 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	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	38	J	ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	23	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	38	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-03
Client ID: SB-104 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 11:00
Date Received: 02/03/25
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	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
Total TIC Compounds	473	J	ug/kg			1
Unknown Benzene	320	J	ug/kg			1
Unknown Benzene	153	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	13		10-136
4-Terphenyl-d14	86		18-120

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-04
Client ID: SB-105 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 15:35
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/05/25 05:43
Analyst: IMK
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 13:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 418 N. DIVISION ST **Lab Number:** L2505704

Project Number: 13904 **Report Date:** 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-04 Date Collected: 01/31/25 15:35

Client ID: SB-105 (0.5-1) Date Received: 02/03/25

Sample Location: PEEKSKILL, 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	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-04
Client ID: SB-105 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 15:35
Date Received: 02/03/25
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	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	101		25-120
Phenol-d6	102		10-120
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	83		18-120

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-05
Client ID: SB-106 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 15:20
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/05/25 06:28
Analyst: IMK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 13:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	170		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-05
Client ID: SB-106 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 15:20
Date Received: 02/03/25
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	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	110	J	ug/kg	120	22.	1
Benzo(a)pyrene	120	J	ug/kg	150	47.	1
Benzo(b)fluoranthene	140		ug/kg	120	32.	1
Benzo(k)fluoranthene	41	J	ug/kg	120	31.	1
Chrysene	110	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	78	J	ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	26	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	73	J	ug/kg	150	27.	1
Pyrene	160		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-05
Client ID: SB-106 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 15:20
Date Received: 02/03/25
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	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
Total TIC Compounds	159	J	ug/kg			1
Tetrachloroethene	159	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	100		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	85		18-120

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-06
Client ID: SB-109 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 15:40
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/05/25 05:20
Analyst: IMK
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 13:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 418 N. DIVISION ST **Lab Number:** L2505704

Project Number: 13904 **Report Date:** 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-06 Date Collected: 01/31/25 15:40

Client ID: SB-109 (0.5-1) Date Received: 02/03/25

Sample Location: PEEKSKILL, 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	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-06
Client ID: SB-109 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 15:40
Date Received: 02/03/25
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	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	89		18-120

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-07
Client ID: SB-117 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 09:40
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/05/25 06:05
Analyst: IMK
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 13:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	24	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: 418 N. DIVISION ST **Lab Number:** L2505704

Project Number: 13904 **Report Date:** 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-07 Date Collected: 01/31/25 09:40

Client ID: SB-117 (0.5-1) Date Received: 02/03/25

Sample Location: PEEKSKILL, 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	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	38	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	19	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	46	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	35	J	ug/kg	150	26.	1
Pyrene	24	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-07
Client ID: SB-117 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 09:40
Date Received: 02/03/25
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	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	107		10-120
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	101		18-120

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/05/25 00:54
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/04/25 07:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-07 Batch: WG2026480-1					
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	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
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: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/05/25 00:54
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/04/25 07:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-07 Batch: WG2026480-1					
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	21.
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	68.
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	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/05/25 00:54
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/04/25 07:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-07 Batch: WG2026480-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
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	50.
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	76		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	73		18-120

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/09/25 17:06
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/08/25 20:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG2028210-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
1,2-Dichlorobenzene	ND		ug/kg	170	30.
1,3-Dichlorobenzene	ND		ug/kg	170	28.
1,4-Dichlorobenzene	ND		ug/kg	170	29.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	57.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	93	J	ug/kg	170	31.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/09/25 17:06
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/08/25 20:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG2028210-1					
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/09/25 17:06
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 02/08/25 20:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG2028210-1					
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	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	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	73		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	85		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-07 Batch: WG2026480-2 WG2026480-3								
Acenaphthene	72		74		31-137	3		50
1,2,4-Trichlorobenzene	68		73		38-107	7		50
Hexachlorobenzene	74		75		40-140	1		50
Bis(2-chloroethyl)ether	69		76		40-140	10		50
2-Chloronaphthalene	75		78		40-140	4		50
1,2-Dichlorobenzene	66		74		40-140	11		50
1,3-Dichlorobenzene	65		71		40-140	9		50
1,4-Dichlorobenzene	64		71		28-104	10		50
3,3'-Dichlorobenzidine	60		55		40-140	9		50
2,4-Dinitrotoluene	94		95		40-132	1		50
2,6-Dinitrotoluene	90		92		40-140	2		50
Fluoranthene	76		78		40-140	3		50
4-Chlorophenyl phenyl ether	74		76		40-140	3		50
4-Bromophenyl phenyl ether	74		75		40-140	1		50
Bis(2-chloroisopropyl)ether	74		83		40-140	11		50
Bis(2-chloroethoxy)methane	75		79		40-117	5		50
Hexachlorobutadiene	73		78		40-140	7		50
Hexachlorocyclopentadiene	50		57		40-140	13		50
Hexachloroethane	70		78		40-140	11		50
Isophorone	73		77		40-140	5		50
Naphthalene	71		76		40-140	7		50
Nitrobenzene	81		85		40-140	5		50
NDPA/DPA	74		77		36-157	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-07 Batch: WG2026480-2 WG2026480-3								
n-Nitrosodi-n-propylamine	76		80		32-121	5		50
Bis(2-ethylhexyl)phthalate	91		92		40-140	1		50
Butyl benzyl phthalate	90		94		40-140	4		50
Di-n-butylphthalate	84		86		40-140	2		50
Di-n-octylphthalate	96		99		40-140	3		50
Diethyl phthalate	79		80		40-140	1		50
Dimethyl phthalate	80		83		40-140	4		50
Benzo(a)anthracene	74		76		40-140	3		50
Benzo(a)pyrene	76		79		40-140	4		50
Benzo(b)fluoranthene	76		79		40-140	4		50
Benzo(k)fluoranthene	71		75		40-140	5		50
Chrysene	72		74		40-140	3		50
Acenaphthylene	84		88		40-140	5		50
Anthracene	76		78		40-140	3		50
Benzo(ghi)perylene	81		81		40-140	0		50
Fluorene	73		76		40-140	4		50
Phenanthrene	74		76		40-140	3		50
Dibenzo(a,h)anthracene	75		74		40-140	1		50
Indeno(1,2,3-cd)pyrene	80		80		40-140	0		50
Pyrene	74		76		35-142	3		50
Biphenyl	76		79		37-127	4		50
4-Chloroaniline	76		83		40-140	9		50
2-Nitroaniline	99		102		47-134	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-07 Batch: WG2026480-2 WG2026480-3								
3-Nitroaniline	64		55		26-129	15		50
4-Nitroaniline	85		87		41-125	2		50
Dibenzofuran	75		76		40-140	1		50
2-Methylnaphthalene	69		72		40-140	4		50
1,2,4,5-Tetrachlorobenzene	79		83		40-117	5		50
Acetophenone	77		82		14-144	6		50
2,4,6-Trichlorophenol	80		82		30-130	2		50
p-Chloro-m-cresol	85		87		26-103	2		50
2-Chlorophenol	72		78		25-102	8		50
2,4-Dichlorophenol	76		80		30-130	5		50
2,4-Dimethylphenol	88		92		30-130	4		50
2-Nitrophenol	90		96		30-130	6		50
4-Nitrophenol	98		102		11-114	4		50
2,4-Dinitrophenol	78		83		4-130	6		50
4,6-Dinitro-o-cresol	99		105		10-130	6		50
Pentachlorophenol	75		76		17-109	1		50
Phenol	80		86		26-90	7		50
2-Methylphenol	78		83		30-130.	6		50
3-Methylphenol/4-Methylphenol	83		87		30-130	5		50
2,4,5-Trichlorophenol	83		87		30-130	5		50
Benzoic Acid	75		73		10-110	3		50
Benzyl Alcohol	81		87		40-140	7		50
Carbazole	75		76		54-128	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-07 Batch: WG2026480-2 WG2026480-3								
1,4-Dioxane	66		73		40-140	10		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		87		25-120
Phenol-d6	74		81		10-120
Nitrobenzene-d5	82		88		23-120
2-Fluorobiphenyl	75		80		30-120
2,4,6-Tribromophenol	75		78		10-136
4-Terphenyl-d14	76		79		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG2028210-2 WG2028210-3								
Acenaphthene	80		73		31-137	9		50
1,2,4-Trichlorobenzene	75		70		38-107	7		50
Hexachlorobenzene	87		78		40-140	11		50
Bis(2-chloroethyl)ether	72		71		40-140	1		50
2-Chloronaphthalene	79		72		40-140	9		50
1,2-Dichlorobenzene	73		69		40-140	6		50
1,3-Dichlorobenzene	73		70		40-140	4		50
1,4-Dichlorobenzene	73		69		28-104	6		50
3,3'-Dichlorobenzidine	67		62		40-140	8		50
2,4-Dinitrotoluene	91		80		40-132	13		50
2,6-Dinitrotoluene	84		71		40-140	17		50
Fluoranthene	83		76		40-140	9		50
4-Chlorophenyl phenyl ether	81		73		40-140	10		50
4-Bromophenyl phenyl ether	78		71		40-140	9		50
Bis(2-chloroisopropyl)ether	87		84		40-140	4		50
Bis(2-chloroethoxy)methane	76		70		40-117	8		50
Hexachlorobutadiene	70		67		40-140	4		50
Hexachlorocyclopentadiene	90		84		40-140	7		50
Hexachloroethane	81		78		40-140	4		50
Isophorone	76		70		40-140	8		50
Naphthalene	76		72		40-140	5		50
Nitrobenzene	114		109		40-140	4		50
NDPA/DPA	84		74		36-157	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG2028210-2 WG2028210-3								
n-Nitrosodi-n-propylamine	82		76		32-121	8		50
Bis(2-ethylhexyl)phthalate	103		90		40-140	13		50
Butyl benzyl phthalate	106		94		40-140	12		50
Di-n-butylphthalate	98		86		40-140	13		50
Di-n-octylphthalate	103		94		40-140	9		50
Diethyl phthalate	86		77		40-140	11		50
Dimethyl phthalate	80		69		40-140	15		50
Benzo(a)anthracene	81		73		40-140	10		50
Benzo(a)pyrene	92		83		40-140	10		50
Benzo(b)fluoranthene	86		83		40-140	4		50
Benzo(k)fluoranthene	83		76		40-140	9		50
Chrysene	80		73		40-140	9		50
Acenaphthylene	83		74		40-140	11		50
Anthracene	86		74		40-140	15		50
Benzo(ghi)perylene	89		78		40-140	13		50
Fluorene	82		75		40-140	9		50
Phenanthrene	83		74		40-140	11		50
Dibenzo(a,h)anthracene	84		74		40-140	13		50
Indeno(1,2,3-cd)pyrene	86		75		40-140	14		50
Pyrene	84		76		35-142	10		50
Biphenyl	78		70		37-127	11		50
4-Chloroaniline	**38**	Q	**28**	Q	40-140	30		50
2-Nitroaniline	90		79		47-134	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG2028210-2 WG2028210-3								
3-Nitroaniline	58		54		26-129	7		50
4-Nitroaniline	67		66		41-125	2		50
Dibenzofuran	83		75		40-140	10		50
2-Methylnaphthalene	101		91		40-140	10		50
1,2,4,5-Tetrachlorobenzene	81		73		40-117	10		50
Acetophenone	75		71		14-144	5		50
2,4,6-Trichlorophenol	80		69		30-130	15		50
p-Chloro-m-cresol	84		75		26-103	11		50
2-Chlorophenol	79		75		25-102	5		50
2,4-Dichlorophenol	80		74		30-130	8		50
2,4-Dimethylphenol	89		79		30-130	12		50
2-Nitrophenol	87		82		30-130	6		50
4-Nitrophenol	90		85		11-114	6		50
2,4-Dinitrophenol	102		90		4-130	13		50
4,6-Dinitro-o-cresol	110		95		10-130	15		50
Pentachlorophenol	86		76		17-109	12		50
Phenol	70		68		26-90	3		50
2-Methylphenol	78		71		30-130.	9		50
3-Methylphenol/4-Methylphenol	74		70		30-130	6		50
2,4,5-Trichlorophenol	91		78		30-130	15		50
Benzoic Acid	77		74		10-110	4		50
Benzyl Alcohol	80		74		40-140	8		50
Carbazole	85		74		54-128	14		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG2028210-2 WG2028210-3								
1,4-Dioxane	59		56		40-140	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		70		25-120
Phenol-d6	79		74		10-120
Nitrobenzene-d5	83		80		23-120
2-Fluorobiphenyl	77		70		30-120
2,4,6-Tribromophenol	94		83		10-136
4-Terphenyl-d14	84		75		18-120

PCBS

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-01
Client ID: SB-100 (1-1.8)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 10:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/05/25 06:55
Analyst: MEO
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 16:52
Cleanup Method: EPA 3665A
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	49.2	4.37	1	A
Aroclor 1221	ND		ug/kg	49.2	4.93	1	A
Aroclor 1232	ND		ug/kg	49.2	10.4	1	A
Aroclor 1242	ND		ug/kg	49.2	6.64	1	A
Aroclor 1248	ND		ug/kg	49.2	7.38	1	A
Aroclor 1254	ND		ug/kg	49.2	5.38	1	A
Aroclor 1260	ND		ug/kg	49.2	9.10	1	A
Aroclor 1262	ND		ug/kg	49.2	6.25	1	A
Aroclor 1268	ND		ug/kg	49.2	5.10	1	A
PCBs, Total	ND		ug/kg	49.2	4.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-02
Client ID: SB-101 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 12:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/05/25 07:05
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 16:52
Cleanup Method: EPA 3665A
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.1	4.72	1	A
Aroclor 1221	ND		ug/kg	53.1	5.32	1	A
Aroclor 1232	ND		ug/kg	53.1	11.3	1	A
Aroclor 1242	ND		ug/kg	53.1	7.16	1	A
Aroclor 1248	ND		ug/kg	53.1	7.97	1	A
Aroclor 1254	ND		ug/kg	53.1	5.81	1	A
Aroclor 1260	ND		ug/kg	53.1	9.82	1	A
Aroclor 1262	ND		ug/kg	53.1	6.75	1	A
Aroclor 1268	ND		ug/kg	53.1	5.50	1	A
PCBs, Total	ND		ug/kg	53.1	4.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-03
Client ID: SB-104 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 11:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/05/25 07:15
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 16:52
Cleanup Method: EPA 3665A
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.0	4.53	1	A
Aroclor 1221	ND		ug/kg	51.0	5.11	1	A
Aroclor 1232	ND		ug/kg	51.0	10.8	1	A
Aroclor 1242	ND		ug/kg	51.0	6.88	1	A
Aroclor 1248	ND		ug/kg	51.0	7.66	1	A
Aroclor 1254	ND		ug/kg	51.0	5.58	1	A
Aroclor 1260	ND		ug/kg	51.0	9.43	1	A
Aroclor 1262	ND		ug/kg	51.0	6.48	1	A
Aroclor 1268	ND		ug/kg	51.0	5.29	1	A
PCBs, Total	ND		ug/kg	51.0	4.53	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-04
Client ID: SB-105 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 15:35
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/05/25 07:25
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 16:52
Cleanup Method: EPA 3665A
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.0	4.71	1	A
Aroclor 1221	ND		ug/kg	53.0	5.31	1	A
Aroclor 1232	ND		ug/kg	53.0	11.2	1	A
Aroclor 1242	ND		ug/kg	53.0	7.15	1	A
Aroclor 1248	ND		ug/kg	53.0	7.95	1	A
Aroclor 1254	ND		ug/kg	53.0	5.80	1	A
Aroclor 1260	ND		ug/kg	53.0	9.80	1	A
Aroclor 1262	ND		ug/kg	53.0	6.73	1	A
Aroclor 1268	ND		ug/kg	53.0	5.49	1	A
PCBs, Total	ND		ug/kg	53.0	4.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-05
Client ID: SB-106 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 15:20
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/05/25 07:35
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 16:52
Cleanup Method: EPA 3665A
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.6	4.85	1	A
Aroclor 1221	ND		ug/kg	54.6	5.47	1	A
Aroclor 1232	ND		ug/kg	54.6	11.6	1	A
Aroclor 1242	ND		ug/kg	54.6	7.36	1	A
Aroclor 1248	ND		ug/kg	54.6	8.19	1	A
Aroclor 1254	ND		ug/kg	54.6	5.98	1	A
Aroclor 1260	ND		ug/kg	54.6	10.1	1	A
Aroclor 1262	ND		ug/kg	54.6	6.94	1	A
Aroclor 1268	ND		ug/kg	54.6	5.66	1	A
PCBs, Total	ND		ug/kg	54.6	4.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-06
Client ID: SB-109 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 15:40
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/05/25 07:45
Analyst: MEO
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 16:52
Cleanup Method: EPA 3665A
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.0	4.62	1	A
Aroclor 1221	ND		ug/kg	52.0	5.21	1	A
Aroclor 1232	ND		ug/kg	52.0	11.0	1	A
Aroclor 1242	ND		ug/kg	52.0	7.01	1	A
Aroclor 1248	ND		ug/kg	52.0	7.80	1	A
Aroclor 1254	ND		ug/kg	52.0	5.69	1	A
Aroclor 1260	ND		ug/kg	52.0	9.62	1	A
Aroclor 1262	ND		ug/kg	52.0	6.61	1	A
Aroclor 1268	ND		ug/kg	52.0	5.39	1	A
PCBs, Total	ND		ug/kg	52.0	4.62	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-07
Client ID: SB-117 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 09:40
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/05/25 07:55
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 16:52
Cleanup Method: EPA 3665A
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.5	4.75	1	A
Aroclor 1221	ND		ug/kg	53.5	5.36	1	A
Aroclor 1232	ND		ug/kg	53.5	11.3	1	A
Aroclor 1242	ND		ug/kg	53.5	7.22	1	A
Aroclor 1248	ND		ug/kg	53.5	8.03	1	A
Aroclor 1254	ND		ug/kg	53.5	5.86	1	A
Aroclor 1260	ND		ug/kg	53.5	9.89	1	A
Aroclor 1262	ND		ug/kg	53.5	6.80	1	A
Aroclor 1268	ND		ug/kg	53.5	5.54	1	A
PCBs, Total	ND		ug/kg	53.5	4.75	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/05/25 06:25
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 02/04/25 16:52
Cleanup Method: EPA 3665A
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-07 Batch: WG2026728-1						
Aroclor 1016	ND		ug/kg	49.6	4.40	A
Aroclor 1221	ND		ug/kg	49.6	4.96	A
Aroclor 1232	ND		ug/kg	49.6	10.5	A
Aroclor 1242	ND		ug/kg	49.6	6.68	A
Aroclor 1248	ND		ug/kg	49.6	7.43	A
Aroclor 1254	ND		ug/kg	49.6	5.42	A
Aroclor 1260	ND		ug/kg	49.6	9.16	A
Aroclor 1262	ND		ug/kg	49.6	6.29	A
Aroclor 1268	ND		ug/kg	49.6	5.13	A
PCBs, Total	ND		ug/kg	49.6	4.40	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	51		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG2026728-2 WG2026728-3									
Aroclor 1016	78		74		40-140	5		50	A
Aroclor 1260	77		74		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		73		30-150	A
Decachlorobiphenyl	63		60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		71		30-150	B
Decachlorobiphenyl	50		48		30-150	B

PESTICIDES

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-01
Client ID: SB-100 (1-1.8)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 10:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/05/25 21:33
Analyst: AKM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 17:42
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.322	1	A
Lindane	ND		ug/kg	0.686	0.306	1	A
Alpha-BHC	ND		ug/kg	0.686	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.624	1	A
Heptachlor	ND		ug/kg	0.823	0.369	1	A
Aldrin	ND		ug/kg	1.65	0.580	1	A
Heptachlor epoxide	ND		ug/kg	3.09	0.926	1	A
Endrin	ND		ug/kg	0.686	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.720	1	A
Endrin ketone	ND		ug/kg	1.65	0.424	1	A
Dieldrin	ND		ug/kg	1.03	0.514	1	A
4,4'-DDE	ND		ug/kg	1.65	0.381	1	A
4,4'-DDD	ND		ug/kg	1.65	0.587	1	A
4,4'-DDT	ND		ug/kg	1.65	1.32	1	A
Endosulfan I	ND		ug/kg	1.65	0.389	1	A
Endosulfan II	ND		ug/kg	1.65	0.550	1	A
Endosulfan sulfate	ND		ug/kg	0.686	0.326	1	A
Methoxychlor	ND		ug/kg	3.09	0.960	1	A
Toxaphene	ND		ug/kg	30.9	8.64	1	A
cis-Chlordane	ND		ug/kg	2.06	0.573	1	A
trans-Chlordane	ND		ug/kg	2.06	0.543	1	A
Chlordane	ND		ug/kg	13.7	5.45	1	A

Project Name: 418 N. DIVISION ST
Lab Number: L2505704
Project Number: 13904
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-01
Client ID: SB-100 (1-1.8)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 10:00
Date Received: 02/03/25
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	72		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-02
Client ID: SB-101 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 12:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/05/25 21:44
Analyst: AKM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 17:42
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.332	1	A
Lindane	ND		ug/kg	0.706	0.315	1	A
Alpha-BHC	ND		ug/kg	0.706	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.642	1	A
Heptachlor	ND		ug/kg	0.847	0.380	1	A
Aldrin	ND		ug/kg	1.69	0.596	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.952	1	A
Endrin	ND		ug/kg	0.706	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.741	1	A
Endrin ketone	ND		ug/kg	1.69	0.436	1	A
Dieldrin	ND		ug/kg	1.06	0.529	1	A
4,4'-DDE	19.8		ug/kg	1.69	0.392	1	A
4,4'-DDD	3.67		ug/kg	1.69	0.604	1	A
4,4'-DDT	3.13		ug/kg	1.69	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	ND		ug/kg	1.69	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.706	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.988	1	A
Toxaphene	ND		ug/kg	31.8	8.89	1	A
cis-Chlordane	ND		ug/kg	2.12	0.590	1	A
trans-Chlordane	ND		ug/kg	2.12	0.559	1	A
Chlordane	ND		ug/kg	14.1	5.61	1	A

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-02
Client ID: SB-101 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 12:00
Date Received: 02/03/25
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	68		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-03
Client ID: SB-104 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 11:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/05/25 21:55
Analyst: AKM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 17:42
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.323	1	A
Lindane	ND		ug/kg	0.688	0.308	1	A
Alpha-BHC	ND		ug/kg	0.688	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.626	1	A
Heptachlor	ND	IP	ug/kg	0.826	0.370	1	B
Aldrin	ND		ug/kg	1.65	0.581	1	A
Heptachlor epoxide	ND		ug/kg	3.10	0.929	1	A
Endrin	ND		ug/kg	0.688	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.722	1	A
Endrin ketone	ND		ug/kg	1.65	0.425	1	A
Dieldrin	ND		ug/kg	1.03	0.516	1	A
4,4'-DDE	20.2		ug/kg	1.65	0.382	1	A
4,4'-DDD	0.937	J	ug/kg	1.65	0.589	1	A
4,4'-DDT	1.41	JIP	ug/kg	1.65	1.33	1	B
Endosulfan I	ND		ug/kg	1.65	0.390	1	A
Endosulfan II	ND		ug/kg	1.65	0.552	1	A
Endosulfan sulfate	ND		ug/kg	0.688	0.327	1	A
Methoxychlor	ND		ug/kg	3.10	0.963	1	A
Toxaphene	ND		ug/kg	31.0	8.67	1	A
cis-Chlordane	0.785	JIP	ug/kg	2.06	0.575	1	B
trans-Chlordane	3.83		ug/kg	2.06	0.545	1	A
Chlordane	ND		ug/kg	13.8	5.47	1	A

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-03
Client ID: SB-104 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 11:00
Date Received: 02/03/25
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	70		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-04
Client ID: SB-105 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 15:35
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/05/25 22:07
Analyst: AKM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 17:42
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.746	0.334	1	A
Alpha-BHC	ND		ug/kg	0.746	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.679	1	A
Heptachlor	ND		ug/kg	0.896	0.402	1	A
Aldrin	ND		ug/kg	1.79	0.631	1	A
Heptachlor epoxide	ND		ug/kg	3.36	1.01	1	A
Endrin	ND		ug/kg	0.746	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.784	1	A
Endrin ketone	ND		ug/kg	1.79	0.461	1	A
Dieldrin	ND		ug/kg	1.12	0.560	1	A
4,4'-DDE	ND		ug/kg	1.79	0.414	1	B
4,4'-DDD	ND		ug/kg	1.79	0.639	1	A
4,4'-DDT	ND		ug/kg	1.79	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	ND		ug/kg	1.79	0.599	1	A
Endosulfan sulfate	ND		ug/kg	0.746	0.355	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.41	1	A
cis-Chlordane	ND		ug/kg	2.24	0.624	1	A
trans-Chlordane	ND		ug/kg	2.24	0.591	1	A
Chlordane	ND		ug/kg	14.9	5.94	1	A

Project Name: 418 N. DIVISION ST
Lab Number: L2505704
Project Number: 13904
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-04
Client ID: SB-105 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 15:35
Date Received: 02/03/25
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	75		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-05
Client ID: SB-106 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 15:20
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/05/25 22:18
Analyst: AKM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 17:42
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.753	0.336	1	A
Alpha-BHC	ND		ug/kg	0.753	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.685	1	A
Heptachlor	ND		ug/kg	0.903	0.405	1	A
Aldrin	ND		ug/kg	1.81	0.636	1	A
Heptachlor epoxide	ND		ug/kg	3.39	1.02	1	A
Endrin	ND		ug/kg	0.753	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.790	1	A
Endrin ketone	ND		ug/kg	1.81	0.465	1	A
Dieldrin	ND		ug/kg	1.13	0.565	1	A
4,4'-DDE	0.458	J	ug/kg	1.81	0.418	1	A
4,4'-DDD	ND		ug/kg	1.81	0.644	1	A
4,4'-DDT	ND	IP	ug/kg	1.81	1.45	1	B
Endosulfan I	ND		ug/kg	1.81	0.427	1	A
Endosulfan II	ND		ug/kg	1.81	0.604	1	A
Endosulfan sulfate	ND		ug/kg	0.753	0.358	1	A
Methoxychlor	ND		ug/kg	3.39	1.05	1	A
Toxaphene	ND		ug/kg	33.9	9.49	1	A
cis-Chlordane	ND		ug/kg	2.26	0.629	1	A
trans-Chlordane	ND		ug/kg	2.26	0.596	1	A
Chlordane	ND		ug/kg	15.0	5.98	1	A

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-05
Client ID: SB-106 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 15:20
Date Received: 02/03/25
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	74		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-06
Client ID: SB-109 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 15:40
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/05/25 22:30
Analyst: AKM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 17:42
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.700	0.313	1	A
Alpha-BHC	ND		ug/kg	0.700	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.637	1	A
Heptachlor	ND		ug/kg	0.840	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.945	1	A
Endrin	ND		ug/kg	0.700	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.735	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND		ug/kg	1.05	0.525	1	A
4,4'-DDE	ND		ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.599	1	A
4,4'-DDT	ND		ug/kg	1.68	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.700	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.980	1	A
Toxaphene	ND		ug/kg	31.5	8.82	1	A
cis-Chlordane	ND		ug/kg	2.10	0.585	1	A
trans-Chlordane	ND		ug/kg	2.10	0.555	1	A
Chlordane	ND		ug/kg	14.0	5.57	1	A

Project Name: 418 N. DIVISION ST
Lab Number: L2505704
Project Number: 13904
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-06
Client ID: SB-109 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 15:40
Date Received: 02/03/25
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	75		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-07
Client ID: SB-117 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 09:40
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/05/25 22:41
Analyst: AKM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/04/25 17:42
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.338	1	A
Lindane	ND		ug/kg	0.720	0.322	1	A
Alpha-BHC	ND		ug/kg	0.720	0.204	1	A
Beta-BHC	ND		ug/kg	1.73	0.655	1	A
Heptachlor	ND		ug/kg	0.864	0.387	1	A
Aldrin	ND		ug/kg	1.73	0.608	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.972	1	A
Endrin	ND		ug/kg	0.720	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.756	1	A
Endrin ketone	ND		ug/kg	1.73	0.445	1	A
Dieldrin	ND		ug/kg	1.08	0.540	1	A
4,4'-DDE	1.14	J	ug/kg	1.73	0.400	1	A
4,4'-DDD	ND		ug/kg	1.73	0.616	1	B
4,4'-DDT	ND		ug/kg	1.73	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.408	1	A
Endosulfan II	ND		ug/kg	1.73	0.577	1	A
Endosulfan sulfate	ND		ug/kg	0.720	0.343	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.07	1	A
cis-Chlordane	1.51	J	ug/kg	2.16	0.602	1	A
trans-Chlordane	1.58	JIP	ug/kg	2.16	0.570	1	B
Chlordane	ND		ug/kg	14.4	5.72	1	A

Project Name: 418 N. DIVISION ST
Lab Number: L2505704
Project Number: 13904
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-07
Client ID: SB-117 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 09:40
Date Received: 02/03/25
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	71		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/05/25 20:58
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 02/04/25 17:42
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-07 Batch: WG2026744-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.657	0.294	A
Alpha-BHC	ND		ug/kg	0.657	0.187	A
Beta-BHC	ND		ug/kg	1.58	0.598	A
Heptachlor	ND		ug/kg	0.789	0.354	A
Aldrin	ND		ug/kg	1.58	0.556	A
Heptachlor epoxide	ND		ug/kg	2.96	0.888	A
Endrin	ND		ug/kg	0.657	0.270	A
Endrin aldehyde	ND		ug/kg	1.97	0.690	A
Endrin ketone	ND		ug/kg	1.58	0.406	A
Dieldrin	ND		ug/kg	0.986	0.493	A
4,4'-DDE	ND		ug/kg	1.58	0.365	A
4,4'-DDD	ND		ug/kg	1.58	0.563	A
4,4'-DDT	ND		ug/kg	1.58	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.373	A
Endosulfan II	ND		ug/kg	1.58	0.527	A
Endosulfan sulfate	ND		ug/kg	0.657	0.313	A
Methoxychlor	ND		ug/kg	2.96	0.920	A
Toxaphene	ND		ug/kg	29.6	8.28	A
cis-Chlordane	ND		ug/kg	1.97	0.550	A
trans-Chlordane	ND		ug/kg	1.97	0.521	A
Chlordane	ND		ug/kg	13.1	5.23	A

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/05/25 20:58
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 02/04/25 17:42
Cleanup Method: EPA 3620B
Cleanup Date: 02/05/25
Cleanup Method: EPA 3660B
Cleanup Date: 02/05/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-07 Batch: WG2026744-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	80		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG2026744-2 WG2026744-3									
Delta-BHC	100		78		30-150	25		30	A
Lindane	101		79		30-150	24		30	A
Alpha-BHC	103		85		30-150	19		30	A
Beta-BHC	95		77		30-150	21		30	A
Heptachlor	99		79		30-150	22		30	A
Aldrin	98		78		30-150	23		30	A
Heptachlor epoxide	87		66		30-150	27		30	A
Endrin	110		84		30-150	27		30	A
Endrin aldehyde	81		63		30-150	25		30	A
Endrin ketone	107		81		30-150	28		30	A
Dieldrin	104		79		30-150	27		30	A
4,4'-DDE	99		75		30-150	28		30	A
4,4'-DDD	109		82		30-150	28		30	A
4,4'-DDT	119		92		30-150	26		30	A
Endosulfan I	98		75		30-150	27		30	A
Endosulfan II	100		78		30-150	25		30	A
Endosulfan sulfate	96		74		30-150	26		30	A
Methoxychlor	99		76		30-150	26		30	A
cis-Chlordane	94		73		30-150	25		30	A
trans-Chlordane	104		81		30-150	25		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG2026744-2 WG2026744-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		77		30-150	A
Decachlorobiphenyl	102		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		73		30-150	B
Decachlorobiphenyl	101		72		30-150	B

METALS

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-01
Client ID: SB-100 (1-1.8)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 10:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13800		mg/kg	8.37	2.72	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.18	3.22	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Arsenic, Total	1.91		mg/kg	0.837	0.362	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Barium, Total	151		mg/kg	0.837	0.089	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.256	J	mg/kg	0.418	0.046	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.114	J	mg/kg	0.837	0.046	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Calcium, Total	2330		mg/kg	8.37	4.75	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Chromium, Total	12.6		mg/kg	0.837	0.710	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Cobalt, Total	8.16		mg/kg	1.67	0.208	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Copper, Total	18.9		mg/kg	0.837	0.190	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Iron, Total	19100		mg/kg	4.18	0.879	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Lead, Total	2.97	J	mg/kg	4.18	0.199	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Magnesium, Total	8700		mg/kg	8.37	1.36	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Manganese, Total	234		mg/kg	0.837	0.449	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Mercury, Total	ND		mg/kg	0.075	0.049	1	02/06/25 12:37	02/07/25 11:14	EPA 7471B	1,7471B	JWN
Nickel, Total	9.89		mg/kg	2.09	0.676	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Potassium, Total	3140		mg/kg	209	42.4	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.67	0.275	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.418	0.249	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Sodium, Total	202		mg/kg	167	88.7	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.67	0.755	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Vanadium, Total	40.4		mg/kg	0.837	0.126	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM
Zinc, Total	34.7		mg/kg	4.18	0.507	2	02/06/25 10:10	02/06/25 14:12	EPA 3050B	1,6010D	EFM

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-02
Client ID: SB-101 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 12:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7000		mg/kg	8.55	2.78	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.27	3.29	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Arsenic, Total	3.62		mg/kg	0.855	0.369	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Barium, Total	48.8		mg/kg	0.855	0.091	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.249	J	mg/kg	0.427	0.047	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.104	J	mg/kg	0.855	0.047	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Calcium, Total	23000		mg/kg	8.55	4.85	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Chromium, Total	6.58		mg/kg	0.855	0.725	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Cobalt, Total	3.99		mg/kg	1.71	0.212	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Copper, Total	17.0		mg/kg	0.855	0.194	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Iron, Total	10200		mg/kg	4.27	0.898	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Lead, Total	30.4		mg/kg	4.27	0.203	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Magnesium, Total	3160		mg/kg	8.55	1.39	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Manganese, Total	195		mg/kg	0.855	0.458	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Mercury, Total	0.330		mg/kg	0.083	0.054	1	02/06/25 12:37	02/07/25 11:17	EPA 7471B	1,7471B	JWN
Nickel, Total	6.94		mg/kg	2.14	0.691	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Potassium, Total	1090		mg/kg	214	43.3	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.71	0.281	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.427	0.255	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Sodium, Total	117	J	mg/kg	171	90.6	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.71	0.771	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Vanadium, Total	12.9		mg/kg	0.855	0.129	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM
Zinc, Total	47.5		mg/kg	4.27	0.518	2	02/06/25 10:10	02/06/25 14:16	EPA 3050B	1,6010D	EFM

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-03
Client ID: SB-104 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 11:00
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11000		mg/kg	8.19	2.66	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.09	3.15	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Arsenic, Total	2.87		mg/kg	0.819	0.354	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Barium, Total	104		mg/kg	0.819	0.087	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.249	J	mg/kg	0.409	0.045	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.819	0.045	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Calcium, Total	32600		mg/kg	8.19	4.64	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Chromium, Total	65.1		mg/kg	0.819	0.694	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Cobalt, Total	8.64		mg/kg	1.64	0.203	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Copper, Total	46.7		mg/kg	0.819	0.186	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Iron, Total	15800		mg/kg	4.09	0.860	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Lead, Total	22.8		mg/kg	4.09	0.195	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Magnesium, Total	8380		mg/kg	8.19	1.33	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Manganese, Total	356		mg/kg	0.819	0.439	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Mercury, Total	0.206		mg/kg	0.084	0.055	1	02/06/25 12:37	02/07/25 11:21	EPA 7471B	1,7471B	JWN
Nickel, Total	25.0		mg/kg	2.05	0.662	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Potassium, Total	2530		mg/kg	205	41.5	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.64	0.269	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.409	0.244	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Sodium, Total	250		mg/kg	164	86.8	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.64	0.738	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Vanadium, Total	29.4		mg/kg	0.819	0.124	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM
Zinc, Total	34.5		mg/kg	4.09	0.496	2	02/06/25 10:10	02/06/25 14:19	EPA 3050B	1,6010D	EFM

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-04
Client ID: SB-105 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 15:35
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12300		mg/kg	8.76	2.85	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.38	3.37	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Arsenic, Total	2.32		mg/kg	0.876	0.379	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Barium, Total	53.9		mg/kg	0.876	0.093	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.361	J	mg/kg	0.438	0.048	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.169	J	mg/kg	0.876	0.048	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Calcium, Total	3820		mg/kg	8.76	4.97	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Chromium, Total	9.51		mg/kg	0.876	0.743	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Cobalt, Total	5.69		mg/kg	1.75	0.217	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Copper, Total	16.2		mg/kg	0.876	0.199	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Iron, Total	16300		mg/kg	4.38	0.920	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Lead, Total	4.32	J	mg/kg	4.38	0.209	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Magnesium, Total	4980		mg/kg	8.76	1.43	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Manganese, Total	230		mg/kg	0.876	0.470	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Mercury, Total	ND		mg/kg	0.077	0.050	1	02/06/25 12:37	02/07/25 11:24	EPA 7471B	1,7471B	JWN
Nickel, Total	7.65		mg/kg	2.19	0.708	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Potassium, Total	1390		mg/kg	219	44.4	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Selenium, Total	0.294	J	mg/kg	1.75	0.288	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.438	0.261	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Sodium, Total	204		mg/kg	175	92.9	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.75	0.791	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Vanadium, Total	22.4		mg/kg	0.876	0.132	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM
Zinc, Total	31.7		mg/kg	4.38	0.531	2	02/06/25 10:10	02/06/25 14:23	EPA 3050B	1,6010D	EFM

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-05
Client ID: SB-106 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 15:20
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16900		mg/kg	8.93	2.90	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.47	3.44	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Arsenic, Total	4.38		mg/kg	0.893	0.386	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Barium, Total	79.3		mg/kg	0.893	0.095	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.550		mg/kg	0.447	0.049	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.163	J	mg/kg	0.893	0.049	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Calcium, Total	1160		mg/kg	8.93	5.06	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Chromium, Total	12.5		mg/kg	0.893	0.758	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Cobalt, Total	5.02		mg/kg	1.79	0.222	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Copper, Total	24.5		mg/kg	0.893	0.203	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Iron, Total	20400		mg/kg	4.47	0.938	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Lead, Total	11.5		mg/kg	4.47	0.213	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Magnesium, Total	2970		mg/kg	8.93	1.46	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Manganese, Total	197		mg/kg	0.893	0.479	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Mercury, Total	0.237		mg/kg	0.093	0.061	1	02/06/25 12:37	02/07/25 11:27	EPA 7471B	1,7471B	JWN
Nickel, Total	12.2		mg/kg	2.23	0.722	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Potassium, Total	678		mg/kg	223	45.3	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.79	0.294	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.447	0.266	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Sodium, Total	97.4	J	mg/kg	179	94.7	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.79	0.806	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Vanadium, Total	25.7		mg/kg	0.893	0.135	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM
Zinc, Total	44.6		mg/kg	4.47	0.541	2	02/06/25 10:10	02/06/25 14:26	EPA 3050B	1,6010D	EFM

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-06
Client ID: SB-109 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 15:40
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14200		mg/kg	8.21	2.67	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.11	3.16	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Arsenic, Total	3.76		mg/kg	0.821	0.355	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Barium, Total	276		mg/kg	0.821	0.087	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.307	J	mg/kg	0.411	0.045	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.273	J	mg/kg	0.821	0.045	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Calcium, Total	5220		mg/kg	8.21	4.66	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Chromium, Total	22.9		mg/kg	0.821	0.696	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Cobalt, Total	12.6		mg/kg	1.64	0.204	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Copper, Total	92.8		mg/kg	0.821	0.186	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Iron, Total	21500		mg/kg	4.11	0.862	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Lead, Total	152		mg/kg	4.11	0.195	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Magnesium, Total	9000		mg/kg	8.21	1.34	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Manganese, Total	367		mg/kg	0.821	0.440	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Mercury, Total	3.90		mg/kg	0.821	0.535	10	02/06/25 12:37	02/07/25 18:49	EPA 7471B	1,7471B	WKP
Nickel, Total	13.8		mg/kg	2.05	0.664	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Potassium, Total	5610		mg/kg	205	41.6	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.64	0.270	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.411	0.245	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Sodium, Total	318		mg/kg	164	87.1	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Thallium, Total	0.951	J	mg/kg	1.64	0.741	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Vanadium, Total	44.0		mg/kg	0.821	0.124	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM
Zinc, Total	115		mg/kg	4.11	0.498	2	02/06/25 10:10	02/06/25 14:30	EPA 3050B	1,6010D	EFM

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-07
Client ID: SB-117 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 09:40
Date Received: 02/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14800		mg/kg	8.75	2.84	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Antimony, Total	ND		mg/kg	4.37	3.37	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Arsenic, Total	2.11		mg/kg	0.875	0.378	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Barium, Total	123		mg/kg	0.875	0.093	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Beryllium, Total	0.284	J	mg/kg	0.437	0.048	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Cadmium, Total	0.091	J	mg/kg	0.875	0.048	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Calcium, Total	3490		mg/kg	8.75	4.96	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Chromium, Total	8.14		mg/kg	0.875	0.742	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Cobalt, Total	8.40		mg/kg	1.75	0.217	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Copper, Total	72.1		mg/kg	0.875	0.198	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Iron, Total	18200		mg/kg	4.37	0.918	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Lead, Total	10.4		mg/kg	4.37	0.208	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Magnesium, Total	8100		mg/kg	8.75	1.42	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Manganese, Total	218		mg/kg	0.875	0.469	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Mercury, Total	0.079	J	mg/kg	0.086	0.056	1	02/06/25 12:37	02/07/25 20:50	EPA 7471B	1,7471B	WKP
Nickel, Total	6.92		mg/kg	2.19	0.707	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Potassium, Total	2670		mg/kg	219	44.3	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Selenium, Total	ND		mg/kg	1.75	0.288	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Silver, Total	ND		mg/kg	0.437	0.261	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Sodium, Total	712		mg/kg	175	92.7	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Thallium, Total	ND		mg/kg	1.75	0.789	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Vanadium, Total	38.9		mg/kg	0.875	0.132	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM
Zinc, Total	35.7		mg/kg	4.37	0.530	2	02/06/25 10:10	02/06/25 14:33	EPA 3050B	1,6010D	EFM

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

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): 01-07 Batch: WG2027362-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Antimony, Total	ND		mg/kg	2.00	1.54	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Arsenic, Total	ND		mg/kg	0.400	0.173	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Barium, Total	ND		mg/kg	0.400	0.042	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Beryllium, Total	ND		mg/kg	0.200	0.022	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Cadmium, Total	ND		mg/kg	0.400	0.022	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Calcium, Total	ND		mg/kg	4.00	2.27	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Chromium, Total	ND		mg/kg	0.400	0.339	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Cobalt, Total	ND		mg/kg	0.800	0.099	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Copper, Total	ND		mg/kg	0.400	0.091	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Iron, Total	0.617	J	mg/kg	2.00	0.420	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Lead, Total	ND		mg/kg	2.00	0.095	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Magnesium, Total	ND		mg/kg	4.00	0.652	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Manganese, Total	ND		mg/kg	0.400	0.214	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Nickel, Total	ND		mg/kg	1.00	0.323	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Potassium, Total	ND		mg/kg	100	20.3	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Selenium, Total	0.137	J	mg/kg	0.800	0.132	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Silver, Total	ND		mg/kg	0.200	0.119	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Sodium, Total	ND		mg/kg	80.0	42.4	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Thallium, Total	ND		mg/kg	0.800	0.361	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Vanadium, Total	ND		mg/kg	0.400	0.060	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM
Zinc, Total	ND		mg/kg	2.00	0.242	1	02/06/25 10:10	02/06/25 13:15	1,6010D	EFM

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): 01-07 Batch: WG2027364-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/06/25 12:37	02/06/25 21:26	1,7471B	JWN

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2027362-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	102		-		80-120	-		
Arsenic, Total	101		-		80-120	-		
Barium, Total	104		-		80-120	-		
Beryllium, Total	107		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	104		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Cobalt, Total	106		-		80-120	-		
Copper, Total	107		-		80-120	-		
Iron, Total	108		-		80-120	-		
Lead, Total	104		-		80-120	-		
Magnesium, Total	105		-		80-120	-		
Manganese, Total	102		-		80-120	-		
Nickel, Total	106		-		80-120	-		
Potassium, Total	110		-		80-120	-		
Selenium, Total	103		-		80-120	-		
Silver, Total	105		-		80-120	-		
Sodium, Total	107		-		80-120	-		
Thallium, Total	104		-		80-120	-		
Vanadium, Total	107		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2027362-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2027364-2					
Mercury, Total	99	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

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): 01-07 QC Batch ID: WG2027362-3 QC Sample: L2505404-01 Client ID: MS Sample												
Aluminum, Total	7040	180	8400	**756**	Q	-	-		75-125	-		20
Antimony, Total	ND	45	17.2	**38**	Q	-	-		75-125	-		20
Arsenic, Total	1.55	10.8	11.4	91		-	-		75-125	-		20
Barium, Total	96.9	180	269	96		-	-		75-125	-		20
Beryllium, Total	0.496	4.5	5.07	102		-	-		75-125	-		20
Cadmium, Total	0.121J	4.77	4.49	94		-	-		75-125	-		20
Calcium, Total	1080	900	1900	91		-	-		75-125	-		20
Chromium, Total	11.9	18	29.4	97		-	-		75-125	-		20
Cobalt, Total	5.83	45	48.6	95		-	-		75-125	-		20
Copper, Total	15.1	22.5	37.0	97		-	-		75-125	-		20
Iron, Total	13000	90	13100	111		-	-		75-125	-		20
Lead, Total	30.0	47.7	68.8	81		-	-		75-125	-		20
Magnesium, Total	2550	900	3820	**141**	Q	-	-		75-125	-		20
Manganese, Total	264	45	346	**182**	Q	-	-		75-125	-		20
Nickel, Total	12.2	45	55.7	97		-	-		75-125	-		20
Potassium, Total	968	900	2060	121		-	-		75-125	-		20
Selenium, Total	ND	10.8	8.12	75		-	-		75-125	-		20
Silver, Total	ND	4.5	4.40	98		-	-		75-125	-		20
Sodium, Total	4220	900	5070	94		-	-		75-125	-		20
Thallium, Total	ND	10.8	10.1	94		-	-		75-125	-		20
Vanadium, Total	16.0	45	59.4	96		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

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): 01-07 QC Batch ID: WG2027362-3 QC Sample: L2505404-01 Client ID: MS Sample									
Zinc, Total	36.0	45	81.2	100	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2027364-3 QC Sample: L2505404-01 Client ID: MS Sample									
Mercury, Total	ND	1.87	1.79	96	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2027362-4 QC Sample: L2505404-01 Client ID: DUP Sample						
Aluminum, Total	7040	6640	mg/kg	6		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.55	1.78	mg/kg	14		20
Barium, Total	96.9	67.4	mg/kg	**36**	Q	20
Beryllium, Total	0.496	0.476	mg/kg	4		20
Cadmium, Total	0.121J	0.133J	mg/kg	NC		20
Chromium, Total	11.9	12.8	mg/kg	7		20
Cobalt, Total	5.83	5.88	mg/kg	1		20
Copper, Total	15.1	18.6	mg/kg	**21**	Q	20
Lead, Total	30.0	46.0	mg/kg	**42**	Q	20
Manganese, Total	264	252	mg/kg	5		20
Nickel, Total	12.2	12.2	mg/kg	0		20
Selenium, Total	ND	0.341J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	16.0	16.8	mg/kg	5		20
Zinc, Total	36.0	36.8	mg/kg	2		20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2027364-4 QC Sample: L2505404-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2505704
Report Date: 02/10/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2027362-6 QC Sample: L2505404-01 Client ID: DUP Sample						
Aluminum, Total	7040	7140	mg/kg	1		20
Barium, Total	96.9	99.3	mg/kg	2		20
Manganese, Total	264	274	mg/kg	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-01
Client ID: SB-100 (1-1.8)
Sample Location: PEEKSKILL, NY
Sample Depth:
Matrix: Soil
Date Collected: 01/31/25 10:00
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.7		%	0.100	NA	1	-	02/04/25 12:37	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.21	1	02/05/25 19:30	02/06/25 14:11	1,9010C/9012B	JER

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-02
Client ID: SB-101 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 12:00
Date Received: 02/03/25
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	89.3		%	0.100	NA	1	-	02/04/25 12:37	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	02/05/25 19:30	02/06/25 14:12	1,9010C/9012B	JER

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-03
Client ID: SB-104 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 11:00
Date Received: 02/03/25
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	93.3		%	0.100	NA	1	-	02/04/25 12:37	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.98	0.21	1	02/05/25 19:30	02/06/25 14:13	1,9010C/9012B	JER

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-04
Client ID: SB-105 (0.5-1)
Sample Location: PEEKSKILL, NY

Date Collected: 01/31/25 15:35
Date Received: 02/03/25
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	88.3		%	0.100	NA	1	-	02/04/25 12:37	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/05/25 19:30	02/06/25 14:14	1,9010C/9012B	JER

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-05
Client ID: SB-106 (0.5-1)
Sample Location: PEEKSKILL, NY
Sample Depth:
Matrix: Soil
Date Collected: 01/31/25 15:20
Date Received: 02/03/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	02/04/25 12:37	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	02/05/25 19:30	02/06/25 14:15	1,9010C/9012B	JER

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-06
Client ID: SB-109 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 15:40
Date Received: 02/03/25
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	92.3		%	0.100	NA	1	-	02/04/25 12:37	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/05/25 19:30	02/06/25 14:18	1,9010C/9012B	JER

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

SAMPLE RESULTS

Lab ID: L2505704-07
Client ID: SB-117 (0.5-1)
Sample Location: PEEKSKILL, NY
Date Collected: 01/31/25 09:40
Date Received: 02/03/25
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	88.7		%	0.100	NA	1	-	02/04/25 12:37	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/05/25 19:30	02/06/25 14:19	1,9010C/9012B	JER

Project Name: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

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): 01-07 Batch: WG2027194-1										
Cyanide, Total	ND		mg/kg	0.86	0.18	1	02/05/25 19:30	02/06/25 13:54	1,9010C/9012B	JER

Lab Control Sample Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG2027194-2 WG2027194-3								
Cyanide, Total	**69**	Q	**73**	Q	80-120	5		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

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): 01-07 QC Batch ID: WG2027194-4 WG2027194-5 QC Sample: L2505536-10 Client ID: MS Sample												
Cyanide, Total	ND	11	9.7	87		10	89		75-125	3		35
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2027194-6 WG2027194-7 QC Sample: L2505536-11 Client ID: MS Sample												
Cyanide, Total	ND	11	9.8	89		9.5	91		75-125	2		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 418 N. DIVISION ST

Project Number: 13904

Lab Number: L2505704

Report Date: 02/10/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2026509-1 QC Sample: L2505704-01 Client ID: SB-100 (1-1.8)						
Solids, Total	93.7	93.9	%	0		20

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

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(*)
L2505704-01A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2505704-01B	Vial water preserved	A	NA		2.2	Y	Absent	**04-FEB-25 01:47**	NYTCL-8260HLW(14)
L2505704-01C	Vial water preserved	A	NA		2.2	Y	Absent	**04-FEB-25 01:47**	NYTCL-8260HLW(14)
L2505704-01D	Plastic 120ml unpreserved	A	NA		2.2	Y	Absent		TS(7)
L2505704-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2505704-01F	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2505704-01X	Vial MeOH preserved split	NA	NA			Y	Absent		NYTCL-8260HLW(14)
L2505704-02A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2505704-02B	Vial water preserved	A	NA		2.2	Y	Absent	**04-FEB-25 01:47**	NYTCL-8260HLW(14)
L2505704-02C	Vial water preserved	A	NA		2.2	Y	Absent	**04-FEB-25 01:47**	NYTCL-8260HLW(14)
L2505704-02D	Plastic 120ml unpreserved	A	NA		2.2	Y	Absent		TS(7)
L2505704-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2505704-02F	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2505704-03A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2505704-03B	Vial water preserved	A	NA		2.2	Y	Absent	**04-FEB-25 01:47**	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2505704-03C	Vial water preserved	A	NA		2.2	Y	Absent	**04-FEB-25 01:47**	NYTCL-8260HLW(14)
L2505704-03D	Plastic 120ml unpreserved	A	NA		2.2	Y	Absent		TS(7)
L2505704-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2505704-04A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2505704-04B	Vial water preserved	A	NA		2.2	Y	Absent	**04-FEB-25 01:47**	NYTCL-8260HLW(14)
L2505704-04C	Vial water preserved	A	NA		2.2	Y	Absent	**04-FEB-25 01:47**	NYTCL-8260HLW(14)
L2505704-04D	Plastic 120ml unpreserved	A	NA		2.2	Y	Absent		TS(7)
L2505704-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2505704-04F	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2505704-05A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2505704-05B	Vial water preserved	A	NA		2.2	Y	Absent	**04-FEB-25 01:47**	NYTCL-8260HLW(14)
L2505704-05C	Vial water preserved	A	NA		2.2	Y	Absent	**04-FEB-25 01:47**	NYTCL-8260HLW(14)
L2505704-05D	Plastic 120ml unpreserved	A	NA		2.2	Y	Absent		TS(7)
L2505704-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2505704-05F	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2505704-06A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 418 N. DIVISION ST
Project Number: 13904

Lab Number: L2505704
Report Date: 02/10/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2505704-06B	Vial water preserved	A	NA		2.2	Y	Absent	**04-FEB-25 01:47**	NYTCL-8260HLW(14)
L2505704-06C	Vial water preserved	A	NA		2.2	Y	Absent	**04-FEB-25 01:47**	NYTCL-8260HLW(14)
L2505704-06D	Plastic 120ml unpreserved	A	NA		2.2	Y	Absent		TS(7)
L2505704-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2505704-06F	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)
L2505704-07A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2505704-07B	Vial water preserved	A	NA		2.2	Y	Absent	**04-FEB-25 01:47**	NYTCL-8260HLW(14)
L2505704-07C	Vial water preserved	A	NA		2.2	Y	Absent	**04-FEB-25 01:47**	NYTCL-8260HLW(14)
L2505704-07D	Plastic 120ml unpreserved	A	NA		2.2	Y	Absent		TS(7)
L2505704-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2505704-07F	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name:	418 N. DIVISION ST	**Lab Number:**	L2505704
Project Number:	13904	**Report Date:**	02/10/25

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:	418 N. DIVISION ST	**Lab Number:**	L2505704
Project Number:	13904	**Report Date:**	02/10/25

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:	418 N. DIVISION ST	**Lab Number:**	L2505704
Project Number:	13904	**Report Date:**	02/10/25

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: 418 N. DIVISION ST
Project Number: 13904
Lab Number: L2505704
Report Date: 02/10/25

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 1 of 1

Date Rec'd in Lab: 02/03/25

ALPHA Job #: L2505704

Client Information
Client: 959 rt 46 (SESI)
Address: Parsippany
07054 NJ
Phone: 973 808 9050
Fax:
Email: Sheng.long@sesi.org

Project Information
Project Name: 418 N. Division St
Project Location: Peekskill, NJ
Project #: 13904
(Use Project name as Project #)
Project Manager: Shen Long
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
use information on the chain

Please specify Metals or TAL.

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

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

Billing Information
☐ Same as Client Info
PO #

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

ANALYSIS
TCL+30TAL+PCB

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

Sample Specific Comments

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+30TAL+PCB	Total Bottle
05704-01	SB-100 (1-1.8)	1/31/25	10:00	Soil	ED/JS	X	
-02	SB-101 (0.5-1)		12:00				
-03	SB-104 (0.5-1)		11:00				
-04	SB-105 (0.5-1)		15:35				
-05	SB-106 (0.5-1)		1520				
-06	SB-109 (0.5-1)		15:40				
-07	SB-117 (0.5-1)	↓	9:40	↓	↓	↓	

Container Type
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
Eliana Diaz	1/31/25@	2/3/25 1330	
	2/3/25 1610		2/3/25 1610
	2/3/25		2/3/25 1640
	2/3/25 2255		2/3/25 22:55

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)