SESI
CONSULTING ENGINEERS

Geotechnical
Environmental
Site Civil

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

Remedial Investigation Work Plan

For:

Highland Light Steam Laundry Site
418 N Division Street & 407, 425 & 427 Highland Avenue
Peekskill, NY 10528
NYSDEC BCP (TBD)

Prepared for:

418 NORTH DIVISION STREET LLC

SESI Project No:
13904

Date:
March 4, 2026

TABLE OF CONTENTS

LIST OF ACRONYMS ..... **i**
1.0 INTRODUCTION **1**
2.0 PROJECT BACKGROUND **1**
2.1 SITE DESCRIPTION 1
2.2 PROPOSED DEVELOPMENT 2
2.3 SITE HISTORY 2
2.4 PREVIOUS ENVIRONMENTAL INVESTIGATIONS 3
2.4.1 PRELIMINARY GEOTECHNICAL INVESTIGATION REPORT, SESI, MARCH 2025 3
2.4.2 PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT, SESI, JULY 2025 3
2.4.3 PHASE II ENVIRONMENTAL SITE INVESTIGATION REPORT, SESI, MARCH 2025 8
2.5 TOPOGRAPHY 9
2.6 GEOLOGIC SETTING 10
2.7 HYDROGEOLOGIC SETTING 11
2.8 SUMMARY OF ENVIRONMENTAL ASSESSMENT 11
3.0 REMEDIAL INVESTIGATION **12**
3.1 SOIL REMEDIAL INVESTIGATION 13
3.2 GROUNDWATER REMEDIAL INVESTIGATION 15
3.2.1 MONITORING WELL INSTALLATION 15
3.2.2 MONITORING WELL SAMPLING 17
3.3 SOIL VAPOR INVESTIGATION 18
3.3.1 SOIL VAPOR POINT INSTALLATION 18
3.3.2 SOIL VAPOR AND INDOOR AIR SAMPLING 19
4.0 DECONTAMINATION AND IDW **20**
5.0 SURVEY **21**
6.0 HUMAN HEALTH EXPOSURE ASSESSMENT **21**
7.0 FISH AND WILDLIFE IMPACT ANALYSIS **21**
8.0 ENVIRONMENTAL FOOTPRINT ANALYSIS **22**
9.0 DUSR **22**
10.0 REMEDIAL INVESTIGATION REPORT **23**
11.0 QUALITY ASSURANCE/QUALITY CONTROL **24**
12.0 HEALTH AND SAFETY PLAN **24**
13.0 COMMUNITY AIR MONITORING **24**
14.0 CITIZEN PARTICIPATION **24**

15.0 REMEDIAL INVESTIGATION SCHEDULE.....24

16.0 PROJECT CONTACTS.....25

TABLES

TABLE 3.1 SUMMARY OF PROPOSED SOIL BORINGS AND SAMPLING
TABLE 3.2 SOIL ANALYSES SUMMARY
TABLE 3.3 SUMMARY OF PROPOSED GROUNDWATER MONITORING WELLS
TABLE 3.4 SUMMARY OF PROPOSED SOIL VAPOR SAMPLING
TABLE 15.1 PROPOSED REMEDIAL INVESTIGATION SCHEDULE
TABLE 16.1 PROJECT CONTACTS

FIGURES

FIGURE 1.1 SITE LOCATION MAP
FIGURE 2.1 SITE PLAN
FIGURE 3.1 PROPOSED SOIL SAMPLE LOCATION PLAN
FIGURE 3.2 PROPOSED GROUNDWATER SAMPLE LOCATION PLAN
FIGURE 3.3 PROPOSED SOIL VAPOR SAMPLE LOCATION PLAN

APPENDICES

APPENDIX A PREVIOUS REPORTS
APPENDIX B QUALITY ASSURANCE PROJECT PLAN (QAPP)
APPENDIX C EMERGING CONTAMINANT SAMPLING PLAN
APPENDIX D TYPICAL BORING/WELL CONSTRUCTION LOG
APPENDIX E HEALTH AND SAFETY PLAN (HASP)
APPENDIX F COMMUNITY AIR MONITORING PLAN (CAMP)
APPENDIX G CITIZEN PARTICIPATION PLAN (CPP)

CERTIFICATIONS

I, Fuad Dahan, certify that I am a professional engineer, and meet the definition of qualified environmental professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and DER Green Remediation (DER-31).

NY Professional Engineer #090531	Date	Signature

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

LIST OF ACRONYMS

Acronym	Definition
AWQS	Ambient Water Quality Standards
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
bgs	Below ground surface
COC	Contaminant of Concern
DER	Division of Environmental Remediation
DER-10	NYSDEC Technical Guidance for Site Investigation & Remediation
DUSR	Data Usability Summary Report
ELAP	Environmental Laboratory Accreditation Program
FWRIA	Fish and Wildlife Resources Impact Analysis
ft-bgs	feet below ground surface
IDW	Investigative Derived Waste
msl	Mean Sea Level
MW	Monitoring Well
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PAH	Polycyclic Aromatic Hydrocarbons
PCB	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PFAS	Per and Polyfluoroalkyl Substances
RECs	Recognized Environmental Concerns
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
RSCO	Residential Soil Cleanup Objective
RRSCO	Restricted-Residential Use Soil Cleanup Objective
SCG	Standards, Criteria, and Guidance
SCO	Soil Cleanup Objectives
SESI	SESI Consulting Engineers, DPC
SVOCs	Semi-Volatile Organic Compounds
TAL	Target Analyte List
TCE	Trichloroethene
TCL	Target Compound List
TOGS	Technical and Operations Guidance Series
USCO	Unrestricted Use Soil Cleanup Objectives
VOCs	Volatile Organic Compounds

1.0 INTRODUCTION

418 North Division Street LLC (the "Volunteer") is applying to enter the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) to investigate and remediate property located at 418 N Division Street and 407, 425, and 427 Highland Avenue, Peekskill, New York (the "Site"). A Site Location Map is presented as **Figure 1.1**.

This document comprises a Remedial Investigation Work Plan (RIWP) that describes the investigation activities proposed to be conducted at the Site, as part of the Site's planned remedial investigation to design a remedial action. This RIWP includes a description of the Site, summary of the Site history and previous environmental investigations, a description of the Site's physical, geologic, hydrogeologic setting and subsurface features and a plan of action for further investigation of the areas of concern identified previously.

This RIWP has been prepared to achieve the following objectives:

- To identify any potential source areas of contamination;
- To complete the horizontal and vertical delineation of the nature and extent of contamination on the Site;
- To collect sufficient data to evaluate remedial alternatives for the Site; and
- To determine the remedial action needed to protect human health and the environment.

This RIWP is developed in general accordance with the Department's Remediation Technical Guidance for Site Investigation and Remediation (DER-10) and DER Green Remediation (DER-31).

2.0 PROJECT BACKGROUND

2.1 SITE DESCRIPTION

The Site encompasses four (4) contiguous parcels, identified on Westchester County 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. The Site is currently unoccupied. A Site Plan is presented as **Figure 2.1**.

The Site is situated within a mixed-use residential and commercial area.

2.2 PROPOSED DEVELOPMENT

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 constructing a six-story mixed-use residential/ commercial building with one level below grade on the north side.

2.3 SITE HISTORY

During the Phase I Site Reconnaissance in July 2025, Lot 9, located at 418 N Division Street, was developed with a one-story commercial building and associated loading area. Lot 10, located at 407 Highland Avenue, contained of 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, contained a two-story concrete and stone commercial building. Lot 11, located at 427 Highland Avenue, contained a one-story concrete commercial building. The buildings at Lot 9 and Lot 10 were connected from inside.

Historic Site operations reflect a mix of commercial, industrial, and municipal activities. Lot 9 was developed around 1971 and operated as the St. Labor Unemployment Office from approximately 1971 to 1982. By about 1987, the lot was occupied by Wayne Printing & Lithography, and subsequently became part of the adjacent Highland Light Steam Laundry facility. Lot 10A consists of multiple buildings with varying construction dates and uses. Building I was developed prior to 1887 and expanded around 1905; it was used for carpentry-related activities until approximately 1942, after which it became part of the Highland Light Steam Laundry operations, which continued through roughly 2001. Building II, constructed around 1911, also housed carpentry operations until approximately 1942, then was incorporated into the Highland Light Steam Laundry through 2001. Building III was constructed around 1950 and later expanded between 1974 and 2006; it functioned as part of the steam laundry operations from its development through approximately 2001. Lot 10B, also constructed circa 1911, operated as a dairy factory until approximately 1964 and subsequently became integrated into the steam laundry operations until about 2001. Lot 11, developed around 1923, initially functioned as a garage through the early 1970s, later supporting various light industrial uses including Marin Heating & Air Conditioner (circa 1972) and Highland Industrial Supplies and United Machine & Metal (circa 1977). Lot 12, developed around 1923, served as a municipal fire department facility from approximately 1950 until around 2020.

These historical operations indicate the potential for various sources of environmental concern, including but not limited to petroleum products, solvents, per and polyfluoroalkyl substances

(PFAS), printing-related materials, and other contaminants commonly associated with historical industrial and commercial land uses.

2.4 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

The following environmental reports that have been previously completed for the Site are summarized below:

- PRELIMINARY GEOTECHNICAL INVESTIGATION REPORT, SESI, MARCH 2025
- PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT, SESI, JULY 2025
- PHASE II ENVIRONMENTAL SITE INVESTIGATION REPORT, SESI, PREPARED MARCH 2025, UPDATED MARCH 2026

Copies of the previous environmental reports are included in **Appendix A**.

2.4.1 PRELIMINARY GEOTECHNICAL INVESTIGATION REPORT, SESI, MARCH 2025

SESI prepared a Preliminary Geotechnical Investigation Report dated March 24, 2025. The report summarized SESI's geotechnical investigation, findings and preliminary foundation design recommendations for the proposed development at the Site. The report also presents recommendations regarding other construction-related aspects of the proposed development, such as site preparation, groundwater control, excavation support and utility support.

2.4.2 PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT, SESI, JULY 2025

SESI prepared a Phase I Environmental Site Assessment (ESA) Report dated July 2025. The report summarized findings related to the presence or likely presence, use or release on the Subject Property of hazardous substances or petroleum products.

SESI identified the following Recognized Environmental Conditions (RECs), Business Environmental Risks (BERs), Controlled Recognized Environmental Conditions (CRECs), and Historical Recognized Environmental Conditions (HRECs) at the Site:

- **REC-1 ASTs and USTs:** The Subject Property was identified as Highland Light Steam Laundry/White Plains Linen on the UST database with Site ID No. 3-800121. One (1) 1,000-gallon No. 2 Fuel Oil UST was identified to be closed-removed as of October 2014. Spill No. 1408577 was reported when soil contamination was identified during the closure of a 1,000-gallon UST. Additional information in the narrative indicated that the 1,000-gallon UST was removed from the sidewalk and that an additional tank was suspected to

be in the nearby area as a results of a “magnetic survey”. Four (4) ASTs were identified, including, two (2) closed 275-gallon No. 2 Fuel Oil ASTs, one (1) active 550-gallon No. 2 Fuel Oil AST, one active (1) 8,000-gallon No. 2 Fuel Oil AST and three (3) closed 500- to 800-gallon ASTs with unknown contents. A sign and vent pipes associated with the 8,000-gallon AST were identified in the courtyard during the reconnaissance; however, the 8,000-gallon AST appeared to have been removed. The Subject Property was also identified on the CBS AST database with CBS No. 3-000007 for a 550-gallon AST that contained sodium hypochlorite which is reported as in service. Further investigation was recommended to investigate the current and former tank systems, evaluate for potential additional USTs, and evaluate for potential discharges.

An AST was not observed on Site. Despite the in-service listing in the database, all the ASTs appeared to be removed prior to acquisition. Although the 1,000-gallon UST was documented to be removed, during Phase II ESA, a GPR survey was conducted at the Site to preliminarily screen the presence of additional 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.

Therefore, all known ASTs and USTs were either closed or removed.

- **REC-2 Former On-site Laundry Operations (Lots 9, 10, and 11):** The majority of the Site was historically used for industrial laundry operations beginning in at least 1942, with operations starting in the southernmost structure and eventually occupying a majority of the interconnected buildings on Lots 9, 10, and 11. The on-site laundry operations utilized a variety of cleaning solvents and detergents and utilized floor drains, trench drains, and other large-scale drainage features below former laundry equipment. The on-site laundry operations were coal-powered, and a large coal storage area was previously located in the central portion of the Subject Property. This building was occupied by White Plains Linen, Highland Steam Landry, C&C Cleaners, and White Plains Coat & Apron Co. The Air Program Information indicates that tetrachloroethene (PCE) was used on-site. Soil vapor sample SV-2, collected in the northern portion of the southern building during the 2025 Phase II ESA, identified elevated concentrations of both PCE and trichloroethene (TCE), suggesting a potential source area. Therefore, further investigation was recommended.

- **REC-3 Former Coal Storage and Use (Lot 10):** Historic Sanborn Maps indicated the use of coal as a fuel source for onsite buildings in 1900 and 1911. A coal pile was indicated in the central portion of the Site from 1947 through 1950. In the 1958 Sanborn Map, a coal storage building is depicted north of the boiler room of the southern building with a coal pile still indicated within the courtyard. Coal storage and handling may have resulted in on-site contamination consisting of polynuclear aromatic hydrocarbons (PAHs), coal tar, and creosote. On-site data generated by the recent Phase II ESA identified PAH impacts throughout many areas of the Subject Property, which may be partially attributable to the former coal use and handling. During the 2025 Phase II ESA, soil analytical results in the general area of the former coal pile and coal storage building identified certain Volatile Organic Compounds (VOCs), polychlorinated biphenyls (PCBs), and metals (including mercury) above the most stringent NYSDEC Soil Cleanup Objective (SCO). Ground water was not encountered in this area of the Site. Therefore, further investigation was recommended.

- **REC-4 Former On-site Carpentry Shop, Metal Shop, Sash and Blind Factory, and Automobile Warehouse (Lot 10):** The southern structure formerly located on Lot 10 was occupied by a carpentry shop in the 1887 Sanborn map until 1911 when it is indicated as an automobile warehouse. The 1911 Sanborn map indicates the southern structures along Highland Avenue are occupied by the C.A. Lamos Son Sash and Blind Factory. These operations continued until approximately 1942 when the steam laundry operations were depicted on the 1942 Sanborn map. In addition, there appeared to have been metal fabrication occurring in this structure sometime between 1972-1977 based on City Directory listings. Further investigation was recommended.

- **REC-5 Former On-site Bus Garage and Trucking Operations (Lots 10, 11, and 12):** Historic Sanborn maps identified historic automotive uses on the former northwestern structure on Lot 11 from 1923 through 1972. Sanborn maps identified a trucking company on a former structure on Lots 10 and 12 in 1900. Soil analytical results from the 2025 Phase II ESA in the area of these former operations identified polynuclear aromatic hydrocarbons (PAHs), pesticides, and metals above the NYSDEC Unrestricted Use Soil Cleanup Objective (USCO). Groundwater analytical results identified PAHs and metals above the applicable NYSDEC Ambient Water Quality Standards (AWQS). No soil vapor exceedances were identified. Further investigation was recommended.

- **REC-6 Former On-site Printing and Lithography (Lot 9):** The 1987 City Directory identified Wayne Desalvo Inc./Wayne Printing & Lith at 418 North Division Street, located in the northeast corner of the Subject Property on Lot 9. Based on available information, it was unclear if operations consisted of printing operations, office space, or both. Printing operations may have used solvent, metals, and PFAS. Limited soil testing on Lot 9 during the Phase II ESA identified pesticides above the most NYSDEC's USCOs and polynuclear aromatic hydrocarbons (PAHs) above the NYSDEC's Residential Soil Cleanup Objectives (RSCOs) and/or Restricted Residential Soil Cleanup Objectives (RRSCOs). Further investigation was recommended.

- **REC-7 Former On-site Fire House (Lot 12):** Based on Sanborn maps and City Directory listings, the former structure on Lot 10 (425 Highland Avenue in the City Directories) was constructed between 1911 and 1923 and operated as a Fire Department building between at least 1952 and 2020. The former use of the building for fire department activities may have adversely impacted the subsurface, with potential contaminants of concern including petroleum and PFAS. The Phase II ESA soil analytical results in this area identified above the NYSDEC's USCO and/or RRSCO. One VOC, several PAHs, and several metals were detected in groundwater above their respective NYSDEC's AWQS. In addition, both Perfluorooctanoic Acid (PFOA) and Perfluorooctanesulfonic Acid (PFOS) were detected above the NYSDEC's AWQS; however, although the detections were an order of magnitude higher than the AWQS for both compounds, the concentrations were generally in the order of magnitude typical of urban areas and are not considered indicative of an on-site source. Soil vapor was not evaluated on Lot 10 as part of the Phase II ESA. Further investigation was recommended**.**

- **REC-8 Historic Fill:** Historic fill was identified on-site during the Phase II ESA. 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. Based on soil analytical results, PAHs and metals were detected in on-site soils above the most stringent NYSDEC SCOs which appear to be in part due to contaminated historic fill. Further investigation was recommended.

- **REC-9 On-site Contamination:** Analytical results from the Phase II ESA identified on-site contamination in soil, groundwater, and soil vapor above the applicable clean up

objectives, quality standards, and criteria, respectively. On-site contamination appeared to be attributable to both historic on-site operations (**REC-1** through **REC-7**) and contaminated historic fill (**REC-8**). Further investigation and remediation of on-site contamination was recommended.

- **HREC-1 Former Spills:** A review of the database as provided by EDR identified five (5) historic spills at the Site:

    - White Plains Linen, Spill No. 0206243, Closed 9/16/2002, Release of 10-gallons of No. 2 Fuel Oil
    - Coat & Apron Co., Spill No. 0410072, Closed 12/10/2004, Release of 2-gallons of No. 2 Fuel Oil
    - White Plains Linen, Spill No. 0809615, Closed 1/9/2009, Release of 75-gallons of No. 2 Fuel Oil during a fuel delivery. The overfill of No. 2 fuel oil was not recoverable and dissipated with laundry detergents into the sanitary sewer.
    - White Plains Linen, Spill No. 1408577, Closed 2/2/2022, Release of unreported quantity of No. 2 Fuel Oil. Reported when soil contamination was identified during the closure of a 1,000-gallon UST. Additional information in the narrative indicates that a 1,000-gallon UST was removed from the sidewalk and that an additional tank was suspected to be in the nearby area due to a “magnetic survey”. Impacted soils were remediated.
    - Spill No. 0302563, reported 6/10/2003, Closed 6/11/2003, Release of unknown material from a ruptured sewer connection into catch basin during onsite excavation for a gas leak.

  No further investigation or remediation was recommended due to regulatory closures.

- **BER-1 Drums and Compressed Gas Cylinders:** SESI observed several 55-gallon drums with unknown contents throughout the Subject Property during the Phase I. SESI recommended the drum contents be evaluated, and the drums and compressed gas cylinders should be properly disposed of off-site. All observed drums and cylinders have been removed from the Site as of November 2025 by the former Site owner.

- **BER-2 PCB-Containing Material (Including Caulk - All Buildings):** A survey for PCB caulk was not completed. However, based on the age of the building, SESI recommended a PCB survey for caulk.

- **BER-3 Asbestos Containing Material (ACM):** ACM surveying was not included in SESI's scope of work. An asbestos survey was conducted by DVD Environmental Inc. (DVD) in November 2024. The ACM identified on-site consisted of 9"x9" vinyl floor tiles in 407 Highland Avenue and 418 North Division Street and façade transite panels, and roof flashing tar/felt under the EPDM roof at 425 and 427 Highland Avenue. SESI recommended all ACM should be abated prior to any demolition activity by a licensed Asbestos Abatement Contractor according to all applicable rules and regulations.

- **BER-4 Universal Waste:** There were several pieces of universal waste throughout the buildings. Therefore, SESI recommended this universal waste be properly disposed of prior to redevelopment. All observed waste has been removed from the Site as of November 2025 by the former Site owner.

- **BER-5 Concrete:** Concrete may be disturbed as part of the redevelopment of the property. Therefore, SESI recommended sampling of any stained concrete prior to disposal.

- **BER-6 Lead Based Paint (LBP):** LBP surveying was not included as part of this Phase I Environmental Site Assessment. However, based on the age of the structures located on the Subject Property, the possibility of presence of LBP cannot be ruled out. Therefore, SESI recommended an LBP survey.

2.4.3 PHASE II ENVIRONMENTAL SITE INVESTIGATION REPORT, SESI, MARCH 2025

SESI prepared a Phase II Environmental Site Investigation Report dated March 31, 2025. The report summarized the results of environmental soil, groundwater and soil vapor sampling.

Analytical results from the soil investigation identified pesticides, PCBs, PAHs, metals and VOCs (chloroform, benzene, toluene, total xylenes, acetone, 1,1,1-Trichloroethane and/or TCE) at concentrations exceeding 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 the steam laundry, carpenter, and mechanic shop operations. The elevated PCB and metals exceedances suggest contamination resulted from historic site operations. 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. These VOCs were likely used or generated during past operations and subsequently released into the subsurface.

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. The PFAS levels at Site are typical of urban areas and are not indicative of an on-site source. The PAH and metals contaminations are likely attributable to releases from historic Site operations. However, the metals samples were unfiltered and collected from temporary wells using VAPS, which may have resulted in metal concentrations being skewed higher due to the presence of sediment. 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.

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 NYS Department of Health soil vapor screening levels. Notably, PCE was detected at a concentration slightly over 10x of these screening levels. The presence of elevated levels of PCE and TCE was attributed to past use and release of chlorinated solvents at the Site.

The investigation concluded that 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. Further investigation and remediation were recommended. SESI recommended the vapor intrusion pathway be further evaluated for the new development to determine whether a vapor mitigation system is necessary.

2.5 TOPOGRAPHY

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.

2.6 GEOLOGIC SETTING

Geologically, the Site soils are mapped as surficial materials, underlain by granular fill, underlain by till, and underlain further by Gneiss bedrock. Based on the United States Department of Agriculture (USDA) and Natural Resources Conservation Services (NRCS) Custom Soil Resource Report for Westchester County, New York, dated October 6, 2016, the Site is underlain by smoothed Udorthents (Map Unit Ub). This map unit typically consists of moderately well drained gravelly loam. Based on the USDA NRCS Web Soil Survey (WSS), the Site is underlain by Urban land-Charlton complex, 3 to 8 percent slopes (Map Unit UhB). This map unit typically consists of well drained fine sandy loam derived from coarse-loamy melt-out till derived from gneiss, granite and/or schist.

Based on soil borings conducted during the SESI Phase II investigation conducted between December 2024 and January 2025, 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 SESI geotechnical investigation conducted in January 2025 , the weathered rock was augured 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.

2.7 HYDROGEOLOGIC SETTING

During the previous investigations, 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. The direction of groundwater flow has not been calculated at this time but is anticipated to follow the topography and flow in a southwesterly direction across the Site. The nearest surface water body is the Annsville Creek located approximately 3,400 feet (0.65-miles) northwest of the Site. The Annsville Creek discharges to the Hudson River located approximately 4,000 feet (0.75-miles) southwest of the Site.

2.8 SUMMARY OF ENVIRONMENTAL ASSESSMENT

Based on the investigations conducted to date, the primary contaminants of concern (COCs) are anticipated to be VOCs, PAHs, pesticides, PCBs, and metals in soil, VOCs, PAHs, PFAS and metals in groundwater, and VOCs in soil vapor. COCs will be refined based on the Remedial Investigation (RI) results.

Soil (maximum concentrations):

- **VOCs:** 1,1,1-trichloroethane (0.72 mg/kg), acetone (0.43 mg/kg), benzene (0.99 mg/kg), chloroform (0.88 mg/kg), toluene (2.5 mg/kg), trichloroethene (0.68 mg/kg) and xylenes (total) (2.4 mg/kg).
- **PAHs:** Benzo(a)anthracene (14 mg/kg), benzo(a)pyrene (9.4 mg/kg), benzo(b)fluoranthene (9.6 mg/kg), Benzo(k)fluoranthene (2.2 mg/kg), chrysene (13 mg/kg), dibenzo(a,h) anthracene (1.7 mg/kg) and indeno(1,2,3-cd)pyrene (4.3 mg/kg)
- **Pesticides**: 4,4'-DDE (2.36 mg/kg), 4,4'-DDD (2.89 mg/kg) and 4,4'-DDT (2.8 mg/kg).
- **PCBs**: Total PCBs (0.238 mg/kg)
- **Metals**: Arsenic (19.8 mg/kg), barium (564 mg/kg), copper (180 mg/kg), lead (420 mg/kg), manganese (2,540 mg/kg), mercury (3.9 mg/kg) and zinc (349 mg/kg).

Groundwater (maximum concentrations):

- **VOCs**: 1,2,4,5-Tetramethylbenzene (6.9 ug/L).
- **PAHs**: Benzo(a)anthracene (0.14 ug/L), benzo(a)pyrene (0.07 ug/L), benzo(b) fluoranthene (0.13 ug/L), benzo(k)fluoranthene (0.08 ug/L), chrysene (0.18 ug/L) and indeno(1,2,3-cd)pyrene (0.1 ug/L).
- **PFAS**: PFOS (94.1 ppt) and PFOA (36.9 ppt)
- **Metals**: Chromium (103.3 ug/L), copper (540.7 ug/L), iron (74,200 ug/L), lead (221.1 ug/L), magnesium (42,500 ug/L), manganese (2,188 ug/L), mercury (3.3 ug/L), selenium (39.8 ug/L), sodium (174,000 ug/L) and thallium (1.82 ug/L).

Soil Vapor (maximum concentrations):

- **VOCs**: Trichloroethene (9.67 ug/m^3) and tetrachloroethene (1,150 ug/m^3).

3.0 REMEDIAL INVESTIGATION

Soil borings, soil vapor borings, and groundwater monitoring wells are proposed below based on the following rationale to complete the nature and extent delineation of contaminated soil, groundwater, and soil vapor on the Site. The applicable standards criteria and guidance (SCGs) for the Site soil are the Soil Cleanup Objectives (SCOs) (December 2025). The applicable standards criteria and guidance (SCGs) for the Site groundwater are the applicable 6 NYCRR Part 703 AWQS and Technical and Operational Guidance Series (TOGS) 1.1.1. The applicable criteria for sub-slab vapor are the NYSDOH Decision Matrices (October 2006, amended February 2024) lower threshold values, which will be used for comparison purposes only and not for remedial decisions. New York State does not have applicable remediation criteria for constituents found in soil vapor gases.

This RIWP assumes a comprehensive Site survey will be completed prior to the start of RI activities to field locate the proposed sample locations. Prior to the start of intrusive activities, all sample locations will be cleared by Ground Penetrating Radar (GPR). In addition, the GPR survey will also be conducted at the entire Site to confirm the absence of any USTs.

Following the RI activities, all soil boring, monitoring well and soil vapor point locations will be surveyed for location and elevation. The survey data will be provided pursuant to the DER-10 requirements in an acceptable format (e.g., North America Datum 83 [NAD83]).

3.1 SOIL REMEDIAL INVESTIGATION

To further evaluate and delineate soil contamination, Thirteen (13) additional soil borings will be advanced on the Site. Borings are proposed at an approximate frequency of one per 3,600 ft^2 for site-wide coverage. The proposed soil boring locations are presented in **Figure 3.1** and the rationale for their locations are presented in **Table 3.1** below.

Table 3.1: Summary of Proposed Soil Borings and Sampling

Soil Boring ID	Boring Depth (ft)	Proposed Sampling Interval (ft)	Target Analyses	Sampling Rationale
RI-SB-1 through RI-SB-13	20	0-1	TAL/TCL+30 and 1,4-Dioxane (All borings), PFAS (50% of borings)	Nature of Surface Soil (In areas with exposed surface)
		1-5		Nature and Extent of Fill Layer
		5-10		Characterize Bottom Fill Layer
		10-15		Characterize Soil Vertically
		15-20		
DUP1-2026MMDD through DUP4-2026MMDD	TBD	TBD	TAL/TCL+30 and 1,4-Dioxane (All borings), PFAS (50% of borings)	QA/QC
MS1-2026MMDD through MS4-2026MMDD	TBD	TBD		
MSD1-2026MMDD through MSD4-2026MMDD	TBD	TBD		
FB1-2026MMDD through FB4-2026MMDD	N/A	N/A		
TB1-2026MMDD through TB4-2026MMDD	N/A	N/A	TCL VOCs	QA/QC

The borings will be advanced to a depth of 20 feet bgs or to refusal, whichever occurs first. If refusal is not encountered, the borings will extend at least 10 feet into native material to adequately characterize the fill and underlying soils. Based on the findings of the Phase II ESA, soil contamination is unlikely to extend beyond 10.0 ft bgs. Borings will be completed using direct-push or other drilling methods as needed. Up to 65 soil samples will be collected, assuming a maximum of five (5) samples per boring at a minimum of one sample per 5-foot depth interval based on field screening that includes visual observations, photoionization detector (PID) readings and olfactory observations. Boring logs documenting soil classifications, PID readings, and visual observations will be provided in the final report. It should be noted that refusal was encountered between 2.0 and 10.0 feet bgs across the Site during the 2024-2025 Phase II investigation. All investigative derived

waste (IDW) of soil cuttings and purged groundwater will be containerized, sampled, and properly disposed of pursuant to DER-10 3.3.e requirements, further discussed in Section 4.

Soil samples will be analyzed by a NYSDOH Environmental Laboratory Accreditation Program (ELAP) certified laboratory for TCL + 30/TAL including VOCs by EPA Method 8260C, SVOCs and 1,4-dioxane by EPA Method 8270D, pesticides by EPA Method 8081B, PCBs by EPA Method 8082A, TAL metals by EPA Methods 6010C, 7471B, and Cyanide by EPA Method 9012B. Samples will also be analyzed for the 41 PFAS compounds by EPA Modified Method 1633A. Category B deliverables will be requested on each sample chain of custody. SESI's field sampling procedures are described in the Quality Assurance Project Plan (QAPP) presented in **Appendix B.** The Sampling Plan for Emerging Contaminants is included as **Appendix C.**
A summary of the parameters to be tested, the analytical methods and the holding times for the samples is shown on **Table 3.2**.

Table 3.2 – Soil Analyses Summary

Parameter and Analytical Method	Holding Time
Volatile Organic Compounds (VOCs) – USEPA 8260C	14 days
SVOCs (BNAs) and 1,4-Dioxane – USEPA 8270D or E	14 days (until extraction, 40 days extracted)
Pesticides – USEPA 8081B	14 days (until extraction) 40 days (extracted)
PCBs – USEPA 8082A	None
Metals - Method 6010D, 7470A for mercury, and 9012B for cyanide	180 days Cyanide: 14 days
PFAS – USEPA 1633A	28 days

Quality Assurance/Quality Control (QA/QC) samples will be collected and analyzed as specified in the QAPP. The number of duplicate, spiked, and blank samples analyzed will be collected at a frequency of one (1) duplicate for every 20 samples. The inclusion and frequency of analysis of field blanks will be on the order of one per every 20 soil samples but not more than one (1) per day. For the soil matrix, field blanks will be collected at a frequency of one (1) per day. Samples to be

analyzed for volatile organic compounds will be accompanied by a trip blank for each shipment and field blanks (soil). An equipment blank for PFAS will be collected once per day, regardless of whether equipment being used is disposable, at a frequency of one (1) per 20 samples taken for soil.

3.2 GROUNDWATER REMEDIAL INVESTIGATION

The Groundwater RI will be conducted to achieve the following:

- delineate the nature and extent of specific contaminants in the Site groundwater;
- identify actual or potential impacts to sensitive receptors, e.g. surface water;
- determine whether a contaminant plume exists;
- gather sufficient data to determine groundwater flow direction and contour map and evaluate groundwater remedial alternatives, as appropriate, and
- provide information on the background quality of the groundwater flowing into the Site.

3.2.1 MONITORING WELL INSTALLATION

During the March 2025 Phase II ESA, 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.

To investigate the groundwater on a Site-wide basis, up to four (4) permanent overburden and up to two (2) permanent bedrock groundwater monitoring wells will be installed as shown on **Figure 3.2**. The proposed groundwater monitoring wells and sampling details are presented in the **Table 3.3** below.

Overburden monitoring wells will be advanced to practical refusal at the bedrock surface and have up to 10 feet of screens.

Bedrock wells will be installed 15 feet into the bedrock and have 10 feet of screens sealed in bedrock. Monitoring well installation details are discussed below.

Table 3.3: Summary of Proposed Groundwater Monitoring Wells

Well ID	Type	Estimated Depth (ft bgs)	Estimated Screen Interval (ft bgs)	Target Analyses
RI-MW-01	Overburden	Refusal (Approx. 5.0')	0.0 - 5.0	TAL/TCL+30, PFAS, 1,4-Dioxane
RI-MWBR-02	Bedrock	20’	10 - 20.0	TAL/TCL+30, PFAS, 1,4-Dioxane
RI-MW-03	Overburden	Refusal (Approx. 7.0')	0.0 - 7.0	TAL/TCL+30, PFAS, 1,4-Dioxane
RI-MWBR-04	Bedrock	20’	10 - 20.0	TAL/TCL+30, PFAS, 1,4-Dioxane
RI-MW-05	Overburden	Refusal (Approx. 5.0')	0.0 -5.0	TAL/TCL+30, PFAS, 1,4-Dioxane
RI-MW-06	Overburden	Refusal (Approx. 10.0')	0.0 - 10.0	TAL/TCL+30, PFAS, 1,4-Dioxane

Overburden Monitoring Well Installation

Each monitoring well will be constructed with 2-inch diameter 10 feet well screens. The well screening will intersect the water table and extend to the bottom of the well boring. The annular space of each well will be filled with well sand to at least 2 feet above the screening and will be sealed with hydrated bentonite or cement grout. The wells will be subsequently completed with flush mount casing. A typical boring and well construction log is provided in **Appendix D**.

Bedrock Monitoring Well Installation

Where bedrock wells are needed, sonic or air rotary drilling will be used to advance boreholes into the bedrock to the bottom depths as specified in **Table 3.3**. Monitoring wells will then be constructed with 10 feet of 2” PVC screen at the bottom of the borehole. Solid 2-inch schedule 40 PVC risers will be installed from the top of the screen to ground surface. #2 Sand will be placed in the annular space around the well screen from the bottom of screen to one (1) foot above the top of screen to protect the screen from intrusion of bentonite or grout. At least two (2) feet of bentonite seal will be placed in the annular space in the rock around the well from above the sand pack. After bentonite cures for at least eight (8) hours, the annulus around the well will be sealed with grout mixture. Therefore, the bedrock wells are sealed in the rock. The wells will be subsequently completed with flush mount casing. A typical boring and well construction log is provided in **Appendix D**.

Monitoring Well Development

Once the grout cures for at least 24 hours, the wells will be developed in accordance with ASTM D5521. All monitoring wells will be developed or cleared of all fine-grained materials and sediments that have settled in or around the well during installation so that the screen is transmitting representative portions of the groundwater. A decontaminated pump or bailer will be used and subsequently decontaminated after each use following procedures outlined in the

Decontamination Protocol. Pumping or bailing will cease when the turbidity falls below 50 NTUs or until specific conductivity, pH, and temperature are stable (i.e., consecutive readings are within 10 percent with no overall upward or downward trends in measurements). Water generated during well development will be containerized, staged securely, and disposed of at appropriate permitted facilities as discussed in Section 4.0.

Monitoring Well Survey

Following well construction, the wells will be surveyed for location and ground, inner casing and outer casing elevations. The survey data will be provided pursuant to the DER-10 requirements in an acceptable format (e.g., North America Datum 83 [NAD83]). The wells will be gauged for groundwater depth to determine the groundwater elevation. The Site-specific groundwater flow direction and gradient will be determined based on the latest elevation data and summarized in the Remedial Investigation Report (RIR).

3.2.2 MONITORING WELL SAMPLING

One (1) round of sampling will be conducted from each well at least seven (7) days after monitoring well development. The data will be analyzed to determine whether groundwater contamination exists, and the magnitude and the extent of any potential contaminant plume. In addition to the analytical data, field measurements and chemical analyses will be conducted to characterize the impacted groundwater.

The wells will be sampled using the low-flow technique, when possible. A flow rate of 100 ml to 250 ml per minute is used to purge the wells. Drawdown should not exceed 0.3 feet. At the initiation of low flow purging water levels and field parameters are recorded. Field parameters are then monitored every five minutes during low flow purging using a flow through cell. When three consecutive measurements of pH differ by 0.1 units or less, with ORP within 10 mv or less, turbidity varies 10 percent or less, conductivity differs by 3 percent or less and dissolved oxygen by 10 percent or less, sampling may begin. Flow through cells allow continuous real-time readings. When the parameters stabilize, the flow through cell is disconnected and sample bottles are filled directly from the tubing. If the parameters of a well do not stabilize in a timely manner, the groundwater sample will be collected after emptying three well volumes from the sample well.

Groundwater samples will be analyzed by a NYSDOH ELAP certified laboratory, and Category B deliverables will be requested on each sample chain of custody.

All the wells will be sampled for TCL + 30/TAL metals, PFAS, and 1-4 dioxane. The VOCs will be analyzed by EPA Method 8260C, SVOCs by EPA Method 8270D, pesticides by EPA Method 8081B, PCBs by EPA Method 8082A, TAL metals by EPA Methods 6010C, 7471B, and 9012, PFAS compounds by Modified EPA Modified Method 1633A, and 1-4,dioxane by EPA Method 8270 SIM. The QAPP, which describes all field sampling procedures, is included as **Appendix B,** and the Sampling Plan for Emerging Contaminants is included as **Appendix C**.

In addition, QA/QC samples will be collected and analyzed as specified in the QAPP. Specifically, the number of duplicate, spiked and blank samples analyzed will be a minimum of one (1) duplicate for every 20 samples. For the aqueous matrix, field blanks will be collected at a frequency of one (1) per day. A trip blank will be included with each shipment of samples where sampling and analysis for TCL volatiles is planned (water matrix only). A trip blank will consist of 40 ml VOA vials prepared before the sample bottles are sent by the laboratory. It consists of a sample of distilled, deionized water that accompanies the other sample bottles into the field and back to the laboratory. The trip blank will be analyzed for TCL VOCs as a measure of potential contamination from background sources and their effect on the results. To check for contaminant carryover when non-dedicated sampling equipment is used, a rinsate blank will be submitted to the laboratory. This blank will also be analyzed for TCL VOCs. An equipment blank for Per- and polyfluoroalkyl substances (PFAS) will be collected once per day, regardless of whether equipment being used is disposable, at a frequency of one (1) per 20 samples taken for groundwater.

3.3 SOIL VAPOR INVESTIGATION

3.3.1 SOIL VAPOR POINT INSTALLATION

SESI will collect seven (7) sub-slab soil vapor samples from seven (7) soil vapor probe locations. In addition, one (1) ambient air sample will be collected per day from the Site concurrently with soil vapor sampling. The proposed soil vapor point locations are shown on **Figure 3.3**. The purpose of the soil vapor investigation is to assess the potential for vapor intrusion into future buildings. The applicable criteria for sub-slab vapor are the NYSDOH Decision Matrices (Amended February 2024) lower threshold values, which will be used for comparison purposes

only and not for remedial decisions. New York State does not have applicable remediation criteria for constituents found in soil vapor gases.

The soil gas samples will be collected in accordance with the procedures of the NYS Department of Health October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York (Amended February 2024). Specifically, a core bit will be used to drill a 1" borehole through the building slab. A sacrificial vapor point connected to flexible tubing will be inserted into the borehole. The annular space of the borehole will be filled with sand and the surface will be sealed with bentonite to seal the surface. Prior to sampling the tubing system will be purged of ambient air with a low-flow pump.

Co-located indoor air samples will also be collected in the current buildings. These buildings will eventually be demolished as part of Site redevelopment.

3.3.2 SOIL VAPOR AND INDOOR AIR SAMPLING

The ambient air, indoor air and sub-slab soil vapor samples will be collected using laboratory supplied 6.0 L stainless-steel summa canisters. The summa canisters will be equipped with a manometer to verify the canister is under vacuum, and a flow controller will be set to a flow rate not to exceed 15 ml/min over a 24-hour collection period. A sample log sheet will be maintained summarizing sample identification, date and time of sample collection, sampling depth/height, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of the soil vapor extracted, vacuum of canisters before and after the samples are collected, apparent moisture content of the sampling zone, and chain of custody protocols. The vapor samples will be sent to a certified laboratory for analysis of VOCs in accordance with EPA Method TO-15. The field sampling procedures are described in the QAPP, which is included as **Appendix B**.

As part of the soil vapor sampling, a tracer gas will be used to serve as a QA/QC device to verify the integrity of the soil vapor probe seal. Helium will be used as the tracer gas, and a box will serve to keep it in contact with the probe during testing. A portable monitoring device will be used to analyze a sample of soil vapor for the tracer prior to sampling. If the tracer sample results show a significant presence of the tracer (> 10%), the probe seals will be adjusted to prevent infiltration. At the conclusion of the sampling round, tracer monitoring will be performed a second time to confirm the integrity of the probe seals. SESI's field sampling procedures are described in the

QAPP presented in **Appendix B.** The proposed soil vapor sample points are presented in **Table 3.4** below.

Table 3.4: Summary of Proposed Soil Vapor Sampling

Location Name	Sampling Depth/Height (ft)	Sample Media	Summa Type	Flow Rate (mL/min)	Collection Period	Analysis
RI-SV-1 through RI-SV-7	Beneath Current Building Slabs	Soil Vapor	6.0L Canister	4.17	24 Hours	TO-15
RI-AA-1	3 ft above grade	Ambient Air				
RI-IA-1 through RI-IA-7	3 ft above grade	Indoor Air				

*One (1) ambient air sample will be collected per day of soil vapor sampling

4.0 DECONTAMINATION AND IDW

Equipment utilized for ground intrusive activities (i.e. borings and wells) will be decontaminated between each boring. Equipment utilized for sample collection (i.e. spoons, trowels) will be decontaminated between each sample unless disposable equipment is utilized. Appropriate decontamination areas will be established to support work being conducted in each area of the Site. PFAS free certified deionized water, supplied from the laboratory, will be used for the decontamination of the sampling tools if needed. Otherwise locally supplied water, if available, or water supplied by the driller in a tank, will be used to decontaminate the equipment.

All investigative derived waste (IDW) of soil cuttings and purged groundwater will be containerized, sampled, and properly disposed of pursuant to DER-10 3.3.e requirements. Drill cuttings produced on-site are presumed contaminated and must be placed on protective sheeting, covered when left overnight, and will be used to backfill their originating borehole unless conditions such as free product, gross contamination, penetration of confining layers, or installation of monitoring wells prohibit reuse; in such cases, cuttings will be containerized and managed as waste to be disposed of at appropriate permitted facilities. Water generated during well development or purging will be containerized, staged securely, and disposed of at appropriate permitted facilities.

Disposable sampling equipment, including macro core liners, spoons, gloves, bags, paper towels, and PPE that contacts environmental media, will be double bagged and disposed of as municipal trash in a facility trash dumpster as non-hazardous refuse.

5.0 SURVEY

After the RI sampling scope is completed, a survey will be completed, which includes the locations and elevations of all the monitoring wells, soil borings, and soil vapor points. Survey datum will be provided relative to NAD83. Elevation datum will be provided relative to NAVD88.

6.0 HUMAN HEALTH EXPOSURE ASSESSMENT

A qualitative human health exposure assessment will be performed for the Site in accordance with the NYSDEC DER-10 Appendix 3B. Sampling data, along with the physical conditions of the contaminant sources or physical hazards near the Site, will be reviewed. Potential on-site and off-site exposures will be evaluated. The Exposure Assessment will describe the nature and size of the population exposed, or potentially exposed, to the contaminants that are present at, or migrating from the Site, and will characterize the exposure setting, identify exposure pathways, and evaluate contaminant fate and transport.

Several objectives will be met by the exposure assessment. First, applicable Site information and characterization data for environmental media of concern will be evaluated. Applicable SCGs, including Part 375 SCOs and CP-51 SCOs for soil, and AWQS for groundwater and surface water, will be applied. Second, a qualitative assessment will be made if there is a potential for off-Site migration of any contaminants.

An assessment of current and future Site activities and Site use will be conducted in relation to potential human exposure. Next, potential exposure pathways will be identified, and each aspect of the potential exposure pathway will be evaluated. Soil and groundwater contamination will be addressed and the impact of remediation on future exposure scenarios will be analyzed.

7.0 FISH AND WILDLIFE IMPACT ANALYSIS

A Fish and Wildlife Resources Impact Analysis (FWRIA) Decision Key will be completed prior to the excavation work to determine if a FWRIA is needed. Contaminant migration pathways and any fish and wildlife exposure pathways will be identified. As stated in the FWRIA, “if no resources

are associated with the site or if there is no potential for contaminant migration to the resources, then only the necessary information to support that conclusion should be provided."

If resources are identified, or migration pathways exist, a FWRIA will be completed and submitted as part of the RI Report. The FWRIA would include qualitative estimates of the following: 1) the routes, intensity, frequency, and duration of actual or potential exposures to chemicals; 2) the nature and size of the population exposed to the contaminants that are present at or migrating from the site; 3) the exposure setting and possible exposure pathways; and 4) contaminant fate and transport.

A Fish & Wildlife assessment is not anticipated for this Site due to its urban location and distance from surface water bodies and wildlife areas. The DEC Environmental Resource Mapper, located at the link below, does not identity any significant natural communities or rare plants or animals in the vicinity of the Site.
https://gisservices.dec.ny.gov/gis/erm/?_gl=1*faquhx*_ga*MTA0MDU5ODAxMi4xNjk2NTEwOTc0*_ga_QEDRGF4PYB*MTc0MTExNDEwMy4xNTkuMS4xNzQxMTE1MzUxLjAuMC4w

8.0 ENVIRONMENTAL FOOTPRINT ANALYSIS

An Environmental Footprint Analysis (EFA) will be completed prior to the remedial work as part of the feasibility study, remedial design and updated throughout remedial construction to ensure contributions to the remedial footprint are being identified, monitored and addressed. SESI will utilize the EPA's Spreadsheets for Environmental Footprint Analysis (SEFA) and SiteWise™ to analyze the environmental footprint of the Site cleanup project, determine which cleanup activities drive the footprint, and adjust project parameters to reduce the footprint.

9.0 DUSR

Following the completion of the laboratory analysis program, a Data Usability Summary Report (DUSR) will be completed for the lab data generated during the RI and included as part of the RI Report. The DUSR is carried out as specified in DER-10 to evaluate the quality control measures that were implemented during the field and laboratory analytical programs, with the objective of determining whether the reported analytical data are representative and usable for decision making. The DUSR will evaluate whether the data are technically defensible (i.e. were all analytical data requirements met and documented?). Data usability analysis reviews the Site

data to determine whether they are adequate to draw conclusions regarding the nature and extent of contamination.

The items that will be reviewed as part of the DUSR will include the following:

- Completeness (number of samples collected and analyzed compared to plans)
- Chains of custody are complete and accurate
- Holding times
- Instrument calibration
- Relative percent difference between field duplicates
- Reasonableness of data (e.g. relationships between total and soluble analytes)
- Blank contamination

The DUSR will be conducted in accordance with guidelines provided under Appendix 2B of DER-10. The site-specific Quality Assurance Project Plan (QAPP) is included in **Appendix B**.

10.0 REMEDIAL INVESTIGATION REPORT

Following the completion of the RI activities and the receipt of sample results, a RIR will be prepared. The RIR report will summarize the activities completed during the RI including analytical results, well construction and sampling logs, conclusions from the human health exposure assessment and from the FWRIA if necessary, a DUSR, and laboratory data packages. Scaled figures showing the sample locations and areas of contamination exceeding applicable standards will be prepared for soil, soil vapor, and groundwater. Sampling results will be summarized and discussed and the need for additional investigation and remediation will be evaluated (including the removal of hydraulic lifts, drains, subsurface pits, tanks, drains, etc. if applicable). In addition, analytical summary tables will be prepared for soil, soil vapor, and groundwater compared to applicable standards.

The RIR will also include: 1) a summary of the Site history and previous investigations, 2) a description of current site conditions, 3) the identification of exposure pathways via a Qualitative Human Health Exposure Assessment; an analysis of the results, 4) a description of the nature and extent of the contamination including post remediation soil data collected during prior investigations (i.e., UST, pit, oil/water separator, and lift removals) ; and 5) a detailed conclusions with recommendations.

Analytical data collected during the Remedial Investigation will be submitted in the NYSDEC approved Electronic Data Deliverable (EDD) format. EDDs will be prepared using the NYSDEC's Environmental Information Management System (EIMS) database software application EQuIS™ for submission.

11.0 QUALITY ASSURANCE/QUALITY CONTROL

QA/QC is addressed in the QAPP included as **Appendix B**. The QAPP outlines procedures to be followed for sampling and analysis to ensure quality of the results. A DUSR will be prepared for each laboratory report and will be provided with the final reports to document the reliability of the sample results.

12.0 HEALTH AND SAFETY PLAN

A Site-specific Health and Safety Plan (HASP) has been prepared and is included as **Appendix E**. All on-site personnel and visitors involved in the RI will be required to read and sign the HASP prior to entry of the Site.

13.0 COMMUNITY AIR MONITORING

A Community Air Monitoring Plan (CAMP) is provided as **Appendix F**, in accordance with DER-10 requirements for remedial investigation. The CAMP sets forth air monitoring procedures that will be utilized to measure airborne emissions during the RI, to minimize the release of contaminants to off-Site areas during any ground-intrusive and soil handling activities on the Site.

14.0 CITIZEN PARTICIPATION

Citizen participation activities will be performed throughout the RI process to involve and inform the public. The specific citizen participation activities to be performed are outlined in the Citizen Participation Plan (CPP), included as **Appendix G**.

15.0 REMEDIAL INVESTIGATION SCHEDULE

The proposed remedial investigation schedule is presented on **Table 15.1** below.

Table 15.1: Proposed Remedial Investigation Schedule

Activity	Scheduled Date
Remedial Investigation – Soil and Soil Vapor Sampling	Winter/Spring 2026
Remedial Investigation – Groundwater Sampling	Winter/Spring 2026

Activity	Scheduled Date
Submit Draft RIR	Spring/Summer 2026

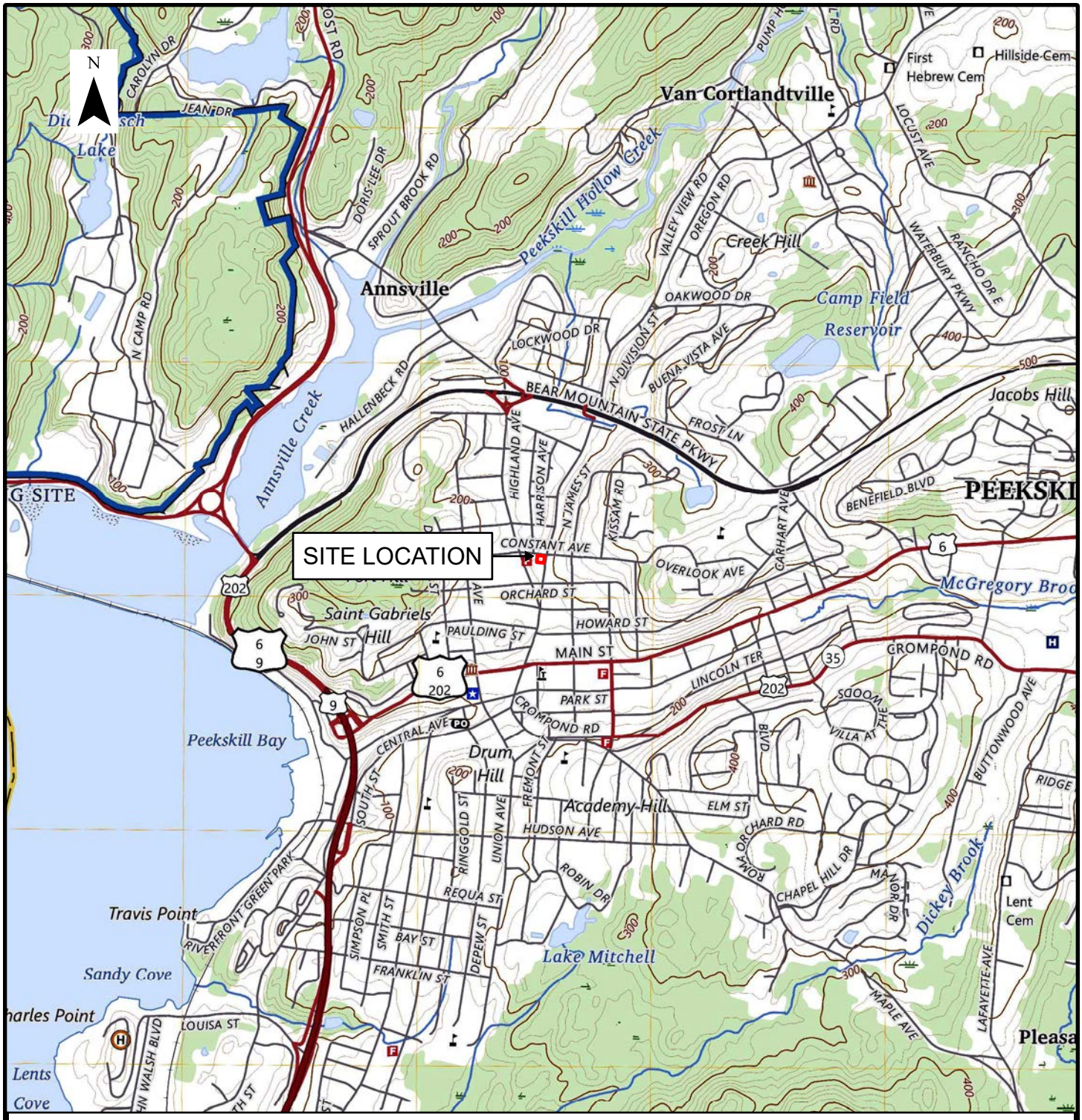
16.0 PROJECT CONTACTS

The RIWP activities will be conducted by SESI and their qualified subcontractors, on behalf of 418 North Division Street LLC. The organization of SESI's key project management and field staff, and respective areas of responsibility, is presented in **Table 16.1** below along with the names of subcontractors.

Table 16.1: Project Contacts

Role	Name	Telephone No.
Project Principal	Fuad Dahan, P.E., PhD	973-808-9050 x249
Project Manager (PM)	Sheng Long	973-808-9050 x278
Engineer of Record	Fuad Dahan, P.E., PhD	973-808-9050 x249
Assistant Project Manager	MaryKate Chorazak	973-808-9050
Field Team Leader	TBD	
Quality Assurance Officer	Joe Scardino	973-808-9050
Field Personnel	TBD	
Analytical Laboratory	SGS North America Inc.	732-329-0200
Data Validator	Amine Dahmani	860-942-2881
Driller	Coastal Environmental Solutions	631-942-9209
Driller	PG Environmental Services, Inc.	631-637-6352

Figures



REFERENCE:

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

LEGEND:

SITE LOCATION

SCALE: 1" = 2,000'

0 1,000 2,000 4,000 FEET

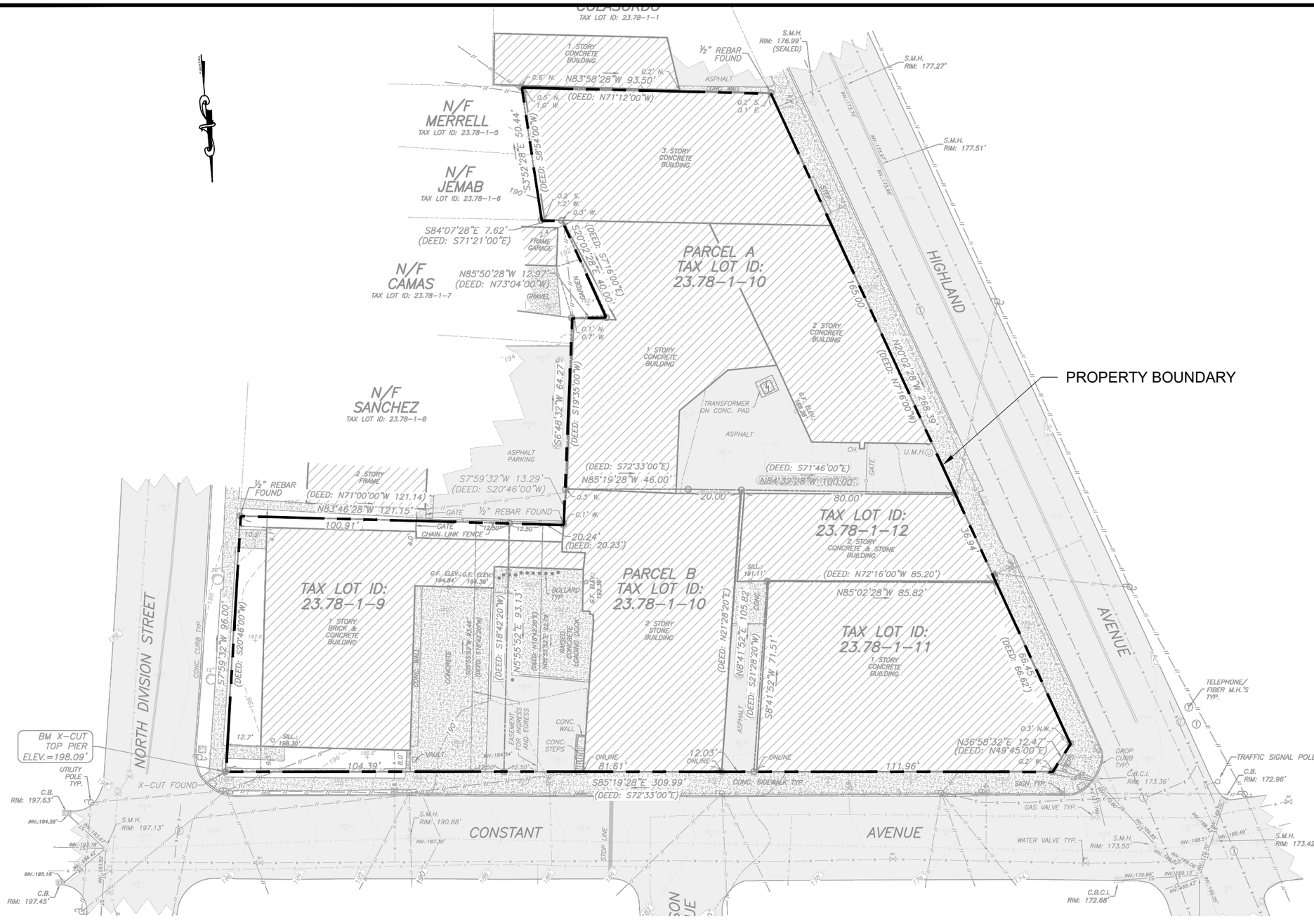
418 NORTH DIVISION STREET
BLOCK 1, LOT 9
PEEKSKILL, NY

SITE LOCATION PLAN

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:	MKC
SCALE:	AS NOTED
DATE:	11/12/2025
JOB NO:	13904

Y:\GIS\Project_Numbers\13904\APRX_PROJECT\APRX_Phase1_Prj_No.aprx, 11/12/2025 12:05 PM, Kim Vanderklein, LAYOUT: FIG-1.1



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 2026

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.

SCALE: 1"=40'

0 40 80

dwg by: AW
chk by: MC
scale: AS NOTED
date: 05/12/2025

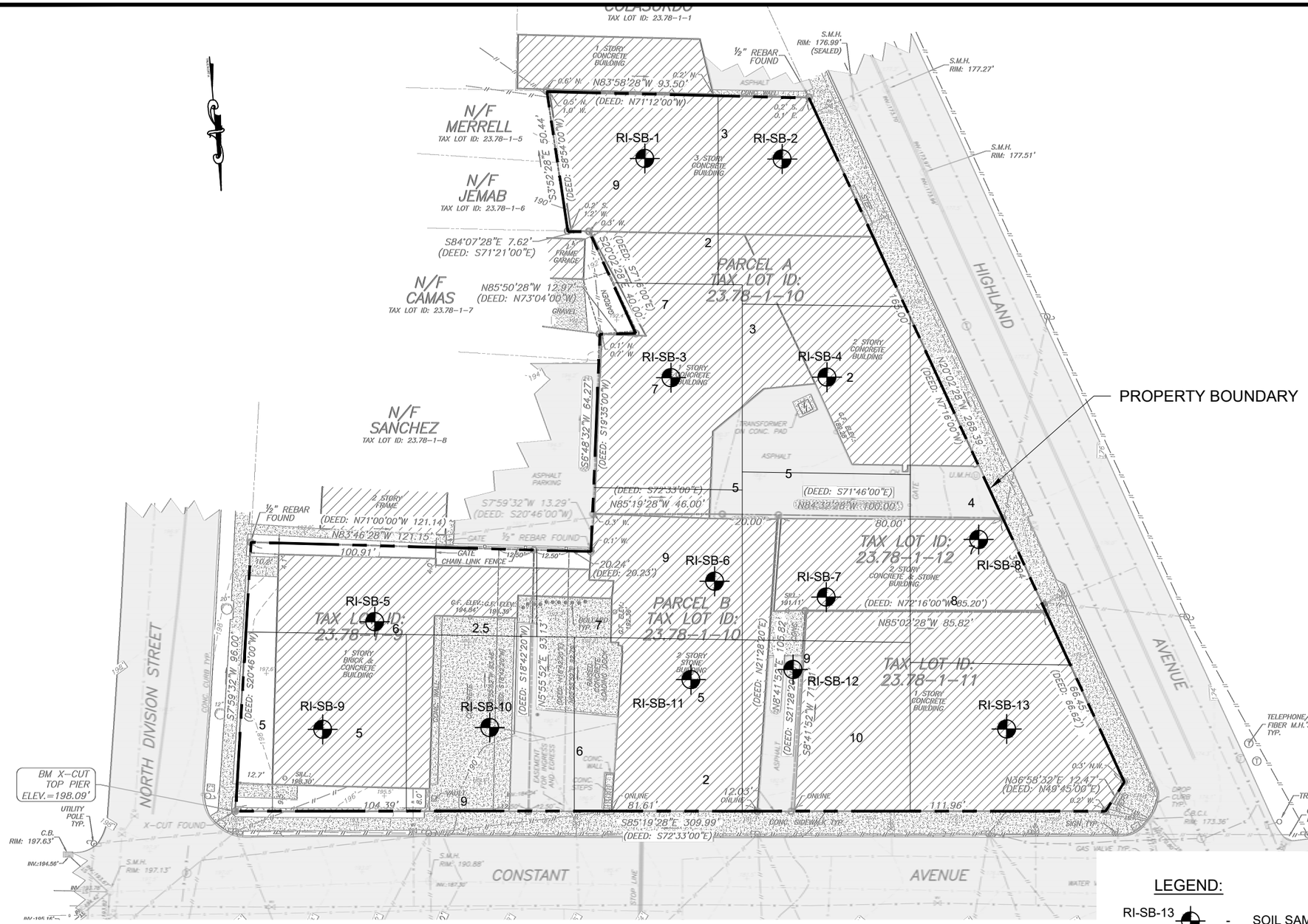
SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

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

title: SITE PLAN

job no: 13904
drawing no: FIG 2.1

N: \ACAD\13904\CAD\ENVIRONMENTAL\RIWP\13904.DWG_SITE_LOCATION_PLAN_RIWP.DWG 02/12/26 04:18:30PM, alan.ward, LAYOUT:SITE–RIWP



LEGEND:

RI-SB-13 - SOIL SAMPLE NUMBER & APPROX. LOCATION

5 - PHASE II REFUSAL DEPTH

- 3600 SQ FT GRID

SCALE: 1"=40'

0 40 80

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 2026
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: MC
scale: AS NOTED
date: 05/12/2025

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

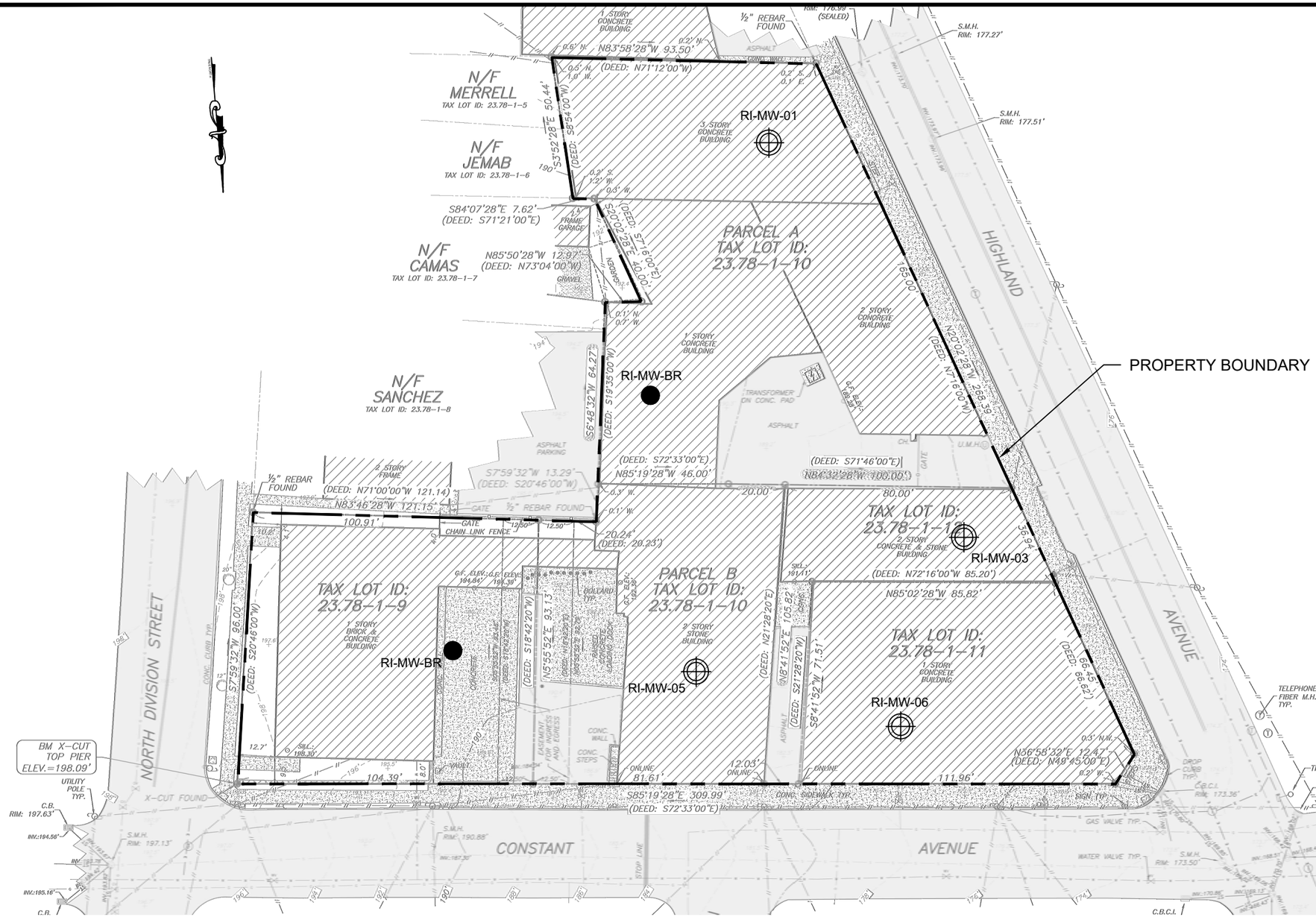
project:
418 NORTH DIVISION STREET
CITY OF PEEKSKILL
WESTCHESTER COUNTY, NEW YORK

title:
PROPOSED SOIL SAMPLE LOCATION PLAN

job no: 13904
drawing no:

FIG 3.1

N:\ACAD\13904\CAD\ENVIRONMENTAL RIWP\13904.DWG_SITE_LOCATION_PLAN_RIWP.DWG 02/12/26 04:07:37PM, alan.ward, LAYOUT:SOIL–RIWP



NOTE:

1. THIS PLAN IS FOR LOCATING BORINGS, TEST PITS & SOIL VAPOR POINTS ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.
2. OVERBURDEN WELLS WILL BE INSTALLED TO THE DEPTH OF REFUSAL AND HAVE A 10 FOOT SCREEN.
3. BEDROCK WELLS WILL BE INSTALLED 15 FEET INTO BEDROCK AND HAVE 10 FOOT OF SCREEN SEALED IN ROCK.

REFERENCE

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

LEGEND:

RI-MW-01 - PROPOSED OVERBURDEN WELL APPROX. LOCATION

RI-MW-BR - PROPOSED BEDROCK WELL APPROX. LOCATION

SCALE: 1"=40'

0 40 80

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 2026
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

dwg by: AW
chk by: MC
scale: AS NOTED
date: 05/12/2025

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

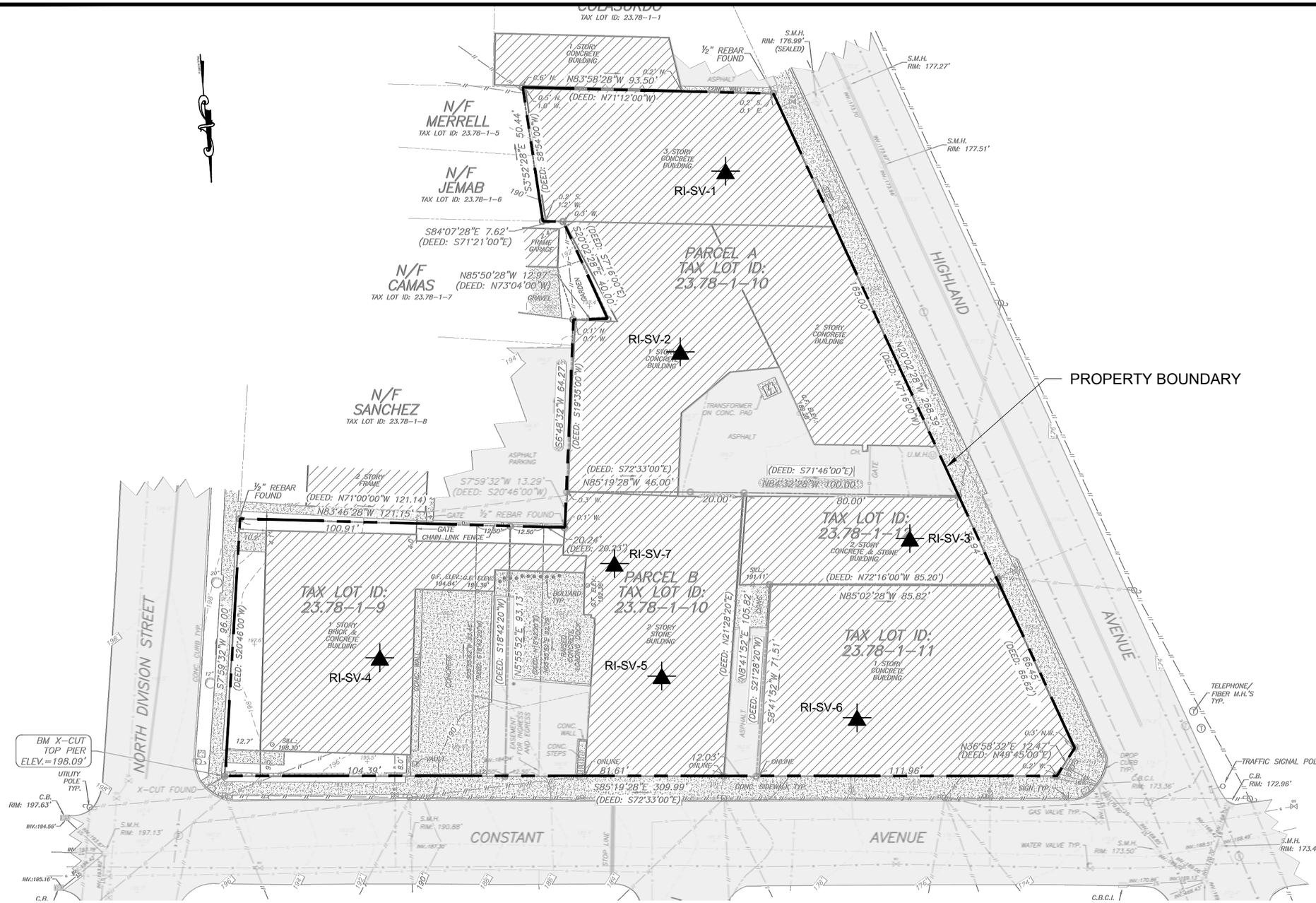
project: 418 NORTH DIVISION STREET
CITY OF PEEKSKILL
WESTCHESTER COUNTY, NEW YORK

title: PROPOSED GROUNDWATER SAMPLE LOCATION PLAN

job no: 13904
drawing no:

FIG 3.2

N:\ACAD\13904\CAD\ENVIRONMENTAL\RIWP\13904-DWG_SITE_LOCATION_PLAN_RIWP.DWG 02/12/26 02:57:47PM, alan.ward, LAYOUT:GW-RIWP



LEGEND:

RI-SV-1 - SOIL VAPOR NUMBER & APPROX. LOCATION

SCALE: 1"=40'

0 40 80

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 2026
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: MC
scale: AS NOTED
date: 05/12/2025

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:
PROPOSED SOIL VAPOR SAMPLE LOCATION PLAN

job no: 13904
drawing no:

FIG 3.3

N:\ACAD\13904\CAD\ENVIRONMENTAL\RIWP\13904.DWG_SITE_LOCATION_PLAN_RIWP.DWG 02/13/26 10:18:02AM, alan.ward, LAYOUT: VAPOR–RIWP

Appendix A:

Previous Reports

SESI
CONSULTING ENGINEERS

Geotechnical
Environmental
Site Civil

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

PRELIMINARY GEOTECHNICAL INVESTIGATION REPORT

FOR

Proposed Mixed-Use Building
418 N. Division Street, Peekskill NY 10566

Joseph Alvarez, P.E.
Staff Engineer

Jose M. Rodriguez, P.E.
Principal
NY Lic. No. 095960

Prepared for:

STAGG Group
March 24, 2025

SESI Contact:
Jose M. Rodriguez
jose.rodriguez@sesi.org

SESI Project No:
13904

Table of Contents

1.0 INTRODUCTION 1
2.0 PROJECT DESCRIPTION 1
2.1 Site and Surrounding Conditions 1
2.2 Proposed Development 1
3.0 AVAILABLE INFORMATION REVIEW 2
4.0 PRELIMINARY SUBSURFACE INVESTIGATION AND LABORATORY PROGRAM 2
4.1 Field Investigation 2
4.2 Geotechnical Laboratory Program 3
4.3 Subsurface Conditions 3
4.3.1 Surface Materials 4
4.3.2 Granular Sub-base Fill 4
4.3.3 Till 4
4.3.4 Decomposed/Weathered Bedrock: 4
4.3.5 Bedrock 4
4.3.6 Groundwater 5
5.0 EVALUATION AND RECOMMENDATIONS 6
5.1 Introduction 6
5.2 Site Preparation Procedures 6
5.2.1 Demolition 6
5.2.2 Specific Building Area Procedures 6
5.2.3 Rock Excavation 7
5.3 Fill Placement 7
5.4 Control of Groundwater 8
5.5 Slopes and Excavations 8
5.6 Utility Lines 8
6.0 FOUNDATION DESIGN CRITERIA 8
6.1 Shallow Conventional Footings 8
6.2 Below-Grade Slab and Walls 9
6.3 Seismic Design 9
7.0 TESTING AND INSPECTION REQUIREMENTS 10
7.1 Testing Requirements 10
7.2 Inspection 10
8.0 Additional Recommendations 10
8.1 Temporary Support of Excavation 10

8.2 Underpinning 11
8.3 Preconstruction Survey and Monitoring Program 11
8.4 Supplemental Investigation Recommendations 12
9.0 LIMITATIONS 12
10.0 DISCLAIMER 12

DRAWING

DRAWING NO. 1 Exploration Location Plan

APPENDICES

APPENDIX A SESI Boring and Test Pit Logs
SESI Environmental Borings
SESI Soil Classification and Exploration Log Key

APPENDIX B SESI Laboratory Test Data

1.0 INTRODUCTION

SESI Consulting Engineers (SESI) recently completed a preliminary geotechnical investigation for the proposed mixed-used development at 418 N. Division Street, Peekskill, NY, herein reference as "the Site." This geotechnical investigation report summarizes SESI's geotechnical investigation, our findings, and our preliminary foundation design recommendations for the proposed development. The report also presents recommendations regarding other construction-related aspects of the proposed development, such as site preparation, groundwater control, excavation support and utility support.

All elevations given in this report are referenced to the 1988 North American Vertical datum (NAVD88), unless otherwise noted.

2.0 PROJECT DESCRIPTION

2.1 Site and Surrounding Conditions

Based on the November 18, 2024, *Topographic Survey of Property* prepared by Geologic Land Surveying, PLLC, the site is an approximately 1.068-acre parcel located on Tax Lots 23.78-1-9, 23.78-1-10A, 23.78-1-10B, 23.78-1-11 and 23.78-1-11 in Peekskill, New York. The site is bordered to the north by Constant Avenue, to the west by Highland Avenue, to the east by North Division Street, residential and commercial buildings, and lastly, to the south by residential and commercial buildings.

A 25-foot-wide ingress and egress easement traverses the northern portion of the site in a north-south orientation for a total approximate length of 93 feet. The easement is most likely to service the utility valve located on-site at the end of the easement. At the time of our visit, the utility valve was observed to be removed and the utility line was sealed with end caps. We recommend additional information is obtained from the easement owner prior to the start of the redevelopment design phase.

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, to a low point in the northwestern portion of the project area, with an approximate elevation of ±174. Additionally, the site slopes downward from a high point in the southwestern portion of the site, with an approximate elevation of ±177.5, to the low point in the northwestern portion of the site, with an approximate elevation of ±174.

2.2 Proposed Development

Based on recent discussions with the project team and the latest architectural plans prepared by Marin Architects, dated January 6, 2025, we understand that the proposed development will involve demolishing the existing on-site buildings and constructing a six-story mixed-use building with multiple cellar levels. Based on the aforementioned architectural plans, we understand the cellars will be fully and partially below grade as follows:

- The cellars are up to three (3) stories beneath the existing ground at the northeastern portion of the site. The cellars are partially and gradually exposed, from three (3) stories to one (1) story beneath the ground, along the northern face of the building, running parallel to Constant Avenue from N. Division Street towards Highland Avenue.
- The cellar is one (1) story beneath the existing ground at the intersection of Constant Avenue and Highland Avenue.

- The cellars are up to two (2) stories beneath the existing ground at the southwestern portion of the site. The cellars are partially and gradually exposed, from two (2) stories to one (1) story beneath the ground, along the western face of the proposed building, running parallel to Highland Avenue towards Constant Avenue.

The proposed building will comprise of five (5) residential levels, two (2) commercial levels and garage levels. Additionally, the southeastern portion of the site will consist of landscape area. We understand the lowest finished floor slab elevation for the proposed structure will be at an approximate elevation of ±164.4. We understand the existing site grades need to be cut approximately 10 to 26 feet in order to meet the proposed finished floor elevations.

At this time, structural plans have not been provided, nor have we received any information regarding wall, floor, or column loads for the proposed construction. Once the structural plans are finalized, we recommend SESI reviews them to ensure that our recommendations remain applicable. For the purposes of this report, we have assumed typical residential wall, floor, and column loads for the proposed structures.

3.0 AVAILABLE INFORMATION REVIEW

We obtained and reviewed available historic aerial photographs, geologic maps, and FEMA flood map for the Site.

- FEMA Flood Insurance Rate Map - We researched and reviewed the FEMA Preliminary Flood Insurance Rate Map, Map Number 36119C0016F (effective as of 9/28/2007) which indicates that the Site is located within “Zone X” which is determined to be outside the 0.2% annual chance floodplain. This should be confirmed by the site civil engineer.
- Historic Aerial Photographs – Historic aerial photographs indicate that the existing buildings located on the site predate 1964. No further redevelopments seem to have occurred from 1964 to present time.
- Geological Mapping – We reviewed the Geologic Map of New York – Lower Hudson Sheet compiled and edited by Donald W. Fisher, Yngvar W. Isachsen and Lawrence V. Rickard in March 1970, and the Surficial Geologic Map of New York – Lower Hudson Sheet compiled and edited by Donald H. Cadwell in 1989. The surficial geology map indicates that the surficial geology of the site consists of till of variable texture, usually poorly sorted diamict and relatively impervious. The bedrock geology map indicates that the bedrock geology consists of biotite-hornblende granite and granitic gneiss.

4.0 PRELIMINARY SUBSURFACE INVESTIGATION AND LABORATORY PROGRAM

4.1 Field Investigation

Our geotechnical subsurface investigation consisted of six (6) drilled borings (GT-1 through GT-6). A location plan showing the approximate locations of the drilled borings is attached as ***Drawing 1***. Individual boring logs, which describe the materials encountered along with a key to SESI soil terminology, are presented in **Appendix A**.

Before drilling the borings, a private utility mark-out was performed at the site by PG Environmental Services, Inc. to identify areas free of detectable subsurface utilities. The geotechnical borings were drilled by PG Environmental Services, Inc. on January 29 through January 31, 2025, using a track-mounted drill rig to depths ranging from ±six (6) to ±24 feet below the existing grade elevation.

In each boring, conventional mud-rotary drilling techniques were used to advance the boring. Near continuous soil sampling was performed below the existing site grade to the approximate depth of the bedrock and/or weathered rock. The soil samples were typically obtained using Standard Penetration Test (SPT) procedures in general accordance with the provisions of ASTM D1586; a 140-pound automatic hammer was used to advance the SPT sampler in all borings. The drilled borings were backfilled with soil cuttings. Our field engineer identified soil classifications for each soil sample. The samples were transported to our Parsippany, New Jersey office, where soil classifications were confirmed by our office project personnel.

During our geotechnical investigation, SESI also observed twenty (20) supplemental environmental borings throughout the site ranging from approximately two (2) feet to ten (10) feet below ground surface on January 28 through January 31, 2025. These are indicated as SB-100 through SB-119. Additionally, SESI installed two (2) monitoring wells to depths of ten (10) feet and thirteen (13) feet below grade, TW-1 and TW-2, respectively. The environmental borings were performed using direct push methods to advance the sampling sleeve. Our field engineer identified and classified the soils for each sampled interval. Our field engineer screened for organic vapors using a photo-ionization detector (PID) and took soil samples at select locations. Additionally, we collected soil vapor samples under the existing concrete slabs located throughout the site. The location of these explorations and wells are shown on the *Exploration Location Plan*, which is included as **Drawing 1**. The environmental logs are attached in Appendix A of this report. A summary of our environmental investigation will be provided under a separate report.

The fieldwork was conducted under the direct technical observation of a geotechnical engineer from SESI Consulting Engineers. Our representative located the exploration points in the field, maintained continuous logs of the exploration activities as the work progressed, and coordinated the soil sampling operations to obtain the desired subsurface information. The boring locations were laid out in the field using Google Earth mapping software and an electronic device. Ground surface locations and elevation at each exploration point were obtained from the November 18, 2024, *Topographic Survey of Property* prepared by Geologic Land Surveying, PLLC, using nearby landmarks as reference points. The actual boring locations may vary by several feet and should be confirmed by a survey if required.

Previously, SESI observed twelve (12) environmental borings throughout the site on December 19 and 20, 2024 during an initial environmental Phase II investigation. The environmental borings were performed to depths ranging from two (2) feet to ten (10) feet below ground surface. During this investigation we performed soil sampling, soil vapor sampling and soil identification as previously stated. These are indicated as SB-1 through SB-15 on **Drawing 1.** Individual environmental logs are presented in **Appendix A**.

4.2 Geotechnical Laboratory Program

Soil samples suitable for identification purposes were extracted from the borings. The soil samples were brought to our soil mechanics laboratory for additional classification and appropriate geotechnical testing. The laboratory testing program consisted of one (1) mechanical grain size analysis and one (1) water content determination. The results of the percent passing sieve No. 200 tests and the water content determinations are presented on the individual boring logs. The results of the mechanical grain size analysis are presented on the individual boring logs and in graphical form in **Appendix B**.

4.3 Subsurface Conditions

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. The granular fill consisted of sands and gravels with little to trace amount of fines. The natural till consisted predominantly of sands, with little to trace amounts of silts and clays with variable amounts of medium to fine gravel. The bedrock in this area consisted of Gneiss and/or Granitic Gneiss. The bedrock was found to be excessively weathered within the upper portions. The natural soils and bedrock encountered in our borings generally agreed with the published geological records. The following generalized strata are listed in order of increasing depth.

4.3.1 Surface Materials

Asphalt pavement was observed in borings GT-2, GT-4 and GT-5. The asphalt layer thickness was measured to be approximately six (6) inches. Concrete was observed in borings GT-1, GT-3 and GT-6. The concrete thickness was observed to be approximately six (6) inches.

4.3.2 Granular Fill

Below the surface materials in borings GT-1, GT-4, GT-5 and GT-6 granular fill was encountered. The granular fill extended to about 2 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. Based on the recorded SPT N-values, the granular fill was observed in a loose to very dense condition, which is typical of fill material.

4.3.3 Till

Natural soils were encountered beneath the granular fill or surface material in all boring locations at depths ranging from approximately six (6) inches to six (6) feet below existing surface grade. The natural soils extended to the top of weathered rock and/or bedrock in all borings with a layer thickness of approximately 1.5 feet to 12 feet. The natural soils generally consisted of coarse to fine sand with trace to little amounts of silt and clay, and little amounts of coarse to fine gravel. Based on the observed SPT N-values, the natural till was generally observed in a medium dense to very dense condition.

4.3.4 Decomposed/Weathered Bedrock:

Weathered/decomposed rock material was encountered in GT-3, GT-4 and GT-5 at depths ranging from approximately 4 to 6 feet below ground surface. The decomposed bedrock extended to top of competent bedrock with a layer thickness of approximately 2 to 7.5 feet. 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.

4.3.5 Bedrock

Bedrock was encountered in GT-1, GT-2, GT-4 and GT-6 at depths ranging from approximately 5 to 16 feet below the existing ground surface. A total of six (6) 5-foot rock cores and one (1) 3-foot rock core were collected at boring locations GT-1, GT-2, GT-4 and GT-6 upon encountering auger refusal. The bedrock generally consisted of Granitic 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. See the table below for the relationship between RQD and Rock Quality.

RELATIONSHIP OF RQD AND ROCK QUALTIY:

ROCK QUALITY DESIGNATION (RQD)[1]	DESCRIPTION OF ROCK QUALITY
0 – 25	VERY POOR
25 – 50	POOR
50 – 75	FAIR
75 – 90	GOOD
90 – 100	EXCELLENT

Rock Quality Designation" is defined as a modified core recovery ratio that considers only pieces of the core that are at least 4 inches long. Obvious mechanical fractures caused by drilling are ignored in this system.

4.3.6 Groundwater

During our preliminary geotechnical investigation, groundwater was observed in boring GT-6 at an approximate depth of 10 feet below surface grade. Additionally, during our supplemental environmental and preliminary geotechnical investigation, we installed two (2) monitoring wells, TW-101 and TW-102, to an approximate depth of 10 and 13 feet below surface grades, respectively**.** The monitoring wells were pumped dry and allowed to recharge for a minimum of 24 hours. SESI returned to the site to observe monitoring wells, TW-101 and TW-102, on February 7, 2025, and noted the installed monitoring wells were dry. As such, the groundwater encountered in GT-6 is most likely a perched water condition. Fluctuations of a few feet in the perched water elevations should be anticipated based on the time of year and amount of recent precipitation.

We previously installed three (3) monitoring wells, TW-1 through TW-3, during our preliminary Phase II Site Assessment on December 19 and December 20, 2024. The monitoring wells were installed up to 10 feet below surface grades. The monitoring wells installed during the Phase II encountered groundwater in the overburden zone at approximately 5 feet below ground surface (bgs). However, groundwater was not observed in the overburden zone in the eastern portion of the Site during the preliminary Phase II investigation.

Based on the observations of our geotechnical investigation and review of the previous environmental Phase II information, it is likely that groundwater encountered is trapped water in the till soils over the less permeable bedrock. However, we recommend this is confirmed during the demolition and/or with additional monitoring wells once the final lowest level slab elevation is known.

The location of the monitoring wells can be observed in the attached **Drawing 1.**

During construction, groundwater may be observed, likely trapped water inside rock fractures or on top of the rock. It should also be noted that localized zones of perched water may be encountered within the fill, and above zones with high percentages of fine-grained soils.

5.0 EVALUATION AND RECOMMENDATIONS

5.1 Introduction

The recommended building area preparation procedures and support considerations discussed in this report are based primarily on geotechnical engineering considerations. Our geotechnical design considerations may require modifications to address environmental and/or legal considerations. This may include reuse of on-site materials, handling and disposal of soils, pumping/treating of groundwater, etc.

From a foundation support standpoint, this site can be considered good with respect to providing satisfactory support for the planned building. The bedrock will provide suitable support for conventional shallow foundations with moderate allowable bearing capacities. The primary negative aspects of the project site include the following:

- Rock Excavation: Rock removal will be required to reach the proposed bottom of excavation elevation. It is anticipated that rock will be encountered approximately five (5) feet from existing grades in the central portion of the site, approximately six (6) feet from existing grades in the northwestern and northern portion of the site and approximately sixteen (16) feet from existing grades in the northeastern portion of the site. This indicates the need to remove up to twenty-two (22) feet of rock in some areas. It is recommended that line drilling is performed along the property line or excavation limits prior to excavation of any bedrock to control the limits of rock removal and to prevent overbreak.
- Partial Over-excavation of Overburden: Depending on the proposed footing elevation relative to the top of bedrock, over-excavation may be necessary to reach a suitable bearing stratum (i.e., bedrock), specifically on the northwestern portion of the site. The proposed footing must extend to the top of bedrock to prevent differential settlement of the proposed structure. Perched groundwater may be encountered during over-excavation operations. The Contractor should implement proper dewatering techniques and consider any required environmental requirements for treating and disposing of the groundwater.

5.2 Site Preparation Procedures

5.2.1 Demolition

Site preparation should begin by demolishing the existing structures and removing all existing surface improvements within the site. All foundations, subsurface walls, concrete slabs, asphalt and all subsurface utilities that will be abandoned should be completely removed from within the limits of the proposed building areas. Following demolition and prior to the excavation for the proposed cellars, a support of excavation (SOE) system should be installed. The support of excavation system may be required prior to removing some existing site features, especially near the property line.

5.2.2 Specific Building Area Procedures

In general, the building area preparation procedures should consist of the installation of the temporary excavation support system, followed by mass excavating the existing building foundations within the proposed building limits. Following the existing building removal, the rock excavation for the proposed basement levels can be performed to the top of bedrock. A rock stabilization and/or rockfall prevention system may need to be installed on areas of the exposed

rock face showing inadequate rock competencies. The bedrock competency should be evaluated by a qualified geotechnical engineer.

5.2.3 Rock Excavation

The quality of rock to be removed is expected to be fair to good below the weathered / decomposed rock stratum and highly fractured upper portions of the bedrock. We expect rock excavation can be accomplished using hydraulic hoe rams, splitters, and excavators fitted with special ripping teeth. Rock excavation should be controlled to prevent excessive rock over-break and vibrations that may adversely affect the existing neighboring structures and roadways. If the Contractor elects to use blasting to expedite the rock excavation process, the Contractor should strictly comply with all applicable monitoring requirements. Rock excavation work will need to be performed very carefully to ensure vibration and movement threshold levels established for the adjacent structures and utilities are not exceeded, and neighboring structures and utilities are not adversely impacted or damaged. Vibration and rock over-break control methods should be used during excavation. These methods typically include line and channel drilling to control the over-break, and pre-splitting and smooth wall blasting to control vibrations. The purpose of these methods is to ensure an air cushion and to establish a crack plane between the peripheral holes to thereby minimize the propagation of primary vibrations and strain cracking in the rock mass beyond the excavation perimeter. The method and procedure selected will depend upon the relative location of the excavation work with respect to the neighboring structures. Line drilling should consist of 2-to-3-inch-diameter holes spaced center-to-center at no more than three times their diameter. Channel drilling should consist of 2-to-3-inch-diameter holes drilled intersecting one another. Excavation vibration control can also be achieved by limiting the equipment's impact energy, or in case of blasting, by reducing the charge per delay, to a value that would produce non-damaging levels of ground vibrations. The ground vibrations and adjacent building movements should be monitored and carefully reviewed during the work. The Contractor's soil and rock excavation, removal, and associated monitoring plan should be prepared by the Contractor's Professional Engineer licensed in the State of New York (with the necessary input from a licensed blaster) and experienced in similar controlled rock excavation and removal activities. This plan should be submitted to the Owner and the Geotechnical Engineer for review.

5.3 Fill Placement

In any areas, if any, that require soil compaction, a trench roller exerting a minimum of 5,000-pounds-force shall be used. A minimum of four passes per lift shall be observed by a qualified geotechnical engineer. Lifts should be placed in a maximum 12-inch loose lift. In-place field density tests should be performed to determine the adequacy of the compacted soil fill. Structural fill should be compacted to a minimum of 92% of the Modified Proctor (ASTM D1557), and an average of 95% of the Modified Proctor (ASTM D1557). Fills located within three (3) feet vertically of a bearing structural element (i.e. footing, pavement, etc.) should achieve a minimum of 95% of the Modified Proctor Density (ASTM D1557). Wetting or drying of the fill material should be accomplished as necessary to achieve adequate compaction.

Areas with no structural loads may be compacted to a minimum of 90% of the Modified Proctor Density (ASTM D1557).

Backfill in confined and load bearing areas should be placed in a maximum eight (8) inch loose lift and compacted to 95% of the Modified Proctor Density (ASTM D1557).

Crushed stone/bedrock can be used as structural fill given a maximum particle size of six (6) inches. If offsite borrow material is required, it should consist of a granular material with the maximum particle size of 6 inches and a maximum amount of fines (percentage passing a No. 200 mesh sieve) of 15% to help facilitate construction during wet weather. The “fines” should be non-plastic.

5.4 Control of Groundwater

We anticipate groundwater seepage will be encountered during construction, trapped throughout the overburden soils, at the soil/rock interface, and from rock fractures, especially during periods of wet weather. During construction, gravel filled sumps with pumps should be installed below the subgrade elevation to allow for temporary dewatering of the excavation. Dewatering should be done in accordance with all applicable regulations.

5.5 Slopes and Excavations

OSHA requires that all excavation in excess of 4 feet be shored, braced, or adequately benched/sloped in order to provide protection from sidewall collapses, with all excavations conducted in accordance with 29 CFR Part 1926 “Safety and Health Regulations for Construction,” Subpart P “Excavations.”

All temporary excavations greater than 4 feet in depth should have the sides sloped back or be appropriately sheeted and braced in accordance with all applicable codes and be evaluated by a qualified geotechnical engineer. This is discussed further in the Temporary Support of Excavation section of this report.

5.6 Utility Lines

The site soils will provide suitable support for utility lines. Cobbles greater than 3 inches in diameter should be removed from the utility line subgrade or a minimum 4-inch thick sand layer placed beneath the utility lines. If utility lines fall within soft soils, the excavation should be extended an additional 12 inches and replaced with ¾-inch clean crushed stone or clean sand and gravel.

Backfill material placed around utility lines to 6 inches above the utility line should have a maximum particle size of 1.5 inches. Backfill of utility trenches that fall within load-bearing areas should be placed in maximum 6-inch-thick lifts and compacted to the same density requirements as in the building/parking areas. Trench backfill in non-load bearing areas should be compacted to 90 percent of the Modified Proctor density (ASTM D1557).

6.0 FOUNDATION DESIGN CRITERIA

6.1 Shallow Conventional Footings

After the site preparation procedures described above are completed, the building foundation can be conventional spread/strip footings bearing on bedrock. The rock surface should be relatively flat, or a leveling mat of concrete (mud-mat) placed to create a level working surface. If a leveled surface cannot be obtained, the footings may need to be pinned to the rock surface and should be designed on a case-by-case basis. For a sound rock, the surface is to be blown clean and free of any standing water, soil or loose rock. Any decomposed rock should be removed, and the bearing surface should be inspected by a qualified SESI engineer. The footings may be designed for a maximum net allowable bearing pressure of 10 tsf (20,000 psf) within sound bedrock or 6 tsf (12,000 psf) on weathered/fractured bedrock. The maximum allowable bearing capacities recommended herein are higher than the presumptive bearing capacities provided in Table

1806.2 *Presumptive Load-Bearing Values* of the 2020 New York State Building Code and may require approval of the local building department.

Regardless of the loads, the minimum plan dimension of isolated footings should be 36 inches, and the minimum width of continuous footings should be 24 inches. A base coefficient of sliding of 0.45 may be used for shallow foundation founded on bedrock.

6.2 Below-Grade Slab and Walls

The slab-on-grade floor system can be designed using a subgrade modulus of 175 pci, assuming that a 6-inch-thick layer of granular material with a maximum particle size of 1.5 inches and a maximum percent passing the No. 200 mesh sieve of 12 percent is placed beneath the floor slab.

SESI recommends that an exterior drainage system be installed to mitigate hydrostatic pressure along the below grade exterior walls. The exterior drains should extend to the bottom of the foundation and consist of 4-inch ADS piping wrapped in filter fabric, backfilled with 12-inches of ¾-inch diameter clean crushed stone. The use of drainage boards along the exterior walls could also facilitate the drainage of perched groundwater near the foundation walls. The exterior drains should be gravity fed to follow the natural bedrock surface slope, a sump pit within the basement or to the local sewer system. This should be coordinated with the project civil engineer and confirm what is permitted by the City of Peekskill. The installation of a one-way valve could mitigate the risk of storm sewer backup into the drainage piping if the drainage is fed to the sewer system.

SESI recommends that below grade walls be waterproofed, and water-stop should be placed at all below-grade joints. The waterproofing could include the use of a membrane such as Preprufe/Bituthene waterproofing system by W.R. Grace and Co. extending to the bottom of the below grade wall footings. We recommend that a sub slab drainage system be installed below the basement slabs to allow for any rise in the perched groundwater elevation during precipitation events. The sub-slab drainage system should be gravity fed to follow the natural bedrock surface slope, a sump pit within the basement or to the local sewer system. This should be coordinated with the project civil engineer and confirm what is permitted by the City of Peekskill. A vapor barrier should also be installed to protect the cellar floor slab from damage due to water vapor in areas that are finished or are moisture sensitive.

6.3 Seismic Design

Based on a structural occupancy/risk category of I/II/III and information provided by the ASCE Hazard Tool, the following seismic design criteria should be used for this project. Site Class D can be used for seismic design purposes in accordance with the 2020 New York State Building Code.

Mapped Spectral Response Acceleration for Short Periods	S_S = 0.28g
Mapped Spectral Response Acceleration for 1-Second Period	S_1 = 0.061g
Site Coefficient	F_a = 1.6
Site Coefficient	F_v = 2.4
Spectral Response for short periods	S_{MS} = 0.441g
Spectral Response for 1 second period	S_{M1} = 0.145g
Design Spectral Response Acceleration for Short Periods	S_{DS} = 0.294g
Design Spectral Response Accelerations for 1-Second Period	S_{D1} = 0.097g

7.0 TESTING AND INSPECTION REQUIREMENTS

7.1 Testing Requirements

During the placement of all fills, visual observations and in-place density tests shall be performed to determine the adequacy of the compacted fill. In-place density testing shall be conducted in accordance with appropriate ASTM testing standards. Density testing should be done in accordance with the following minimum frequency requirements; or as determined by the geotechnical engineer.

Building Pad Subgrade Areas: Minimum of 4 tests per 12-inch lift; spacing not to exceed 50 feet between test locations, or as determined by the geotechnical engineer.

Parking/Roadway Areas: Minimum of 3 tests per 12-inch lift; spacing not to exceed 100 feet between test locations, or as determined by the geotechnical engineer.

Utility Trenches: Minimum of 1 test per 6-inch lift; spacing not to exceed 50 feet between test locations, or as determined by the geotechnical engineer.

7.2 Inspection

The recommendations presented in the previous sections of this report are based on the assumption that the site preparation procedures will be done under engineering inspection by a representative of this office. SESI should inspect the excavation support systems, subgrades, deep foundation elements (if required) and fill placement. Visual observations and in-place density testing should be done throughout fill construction to determine that the work is done in accordance with our recommendations.

Additionally, we should inspect and approve the bottom of all footing excavations prior to placement of concrete to determine that the founding materials can support the anticipated foundation loads.

8.0 ADDITIONAL RECOMMENDATIONS

8.1 Temporary Support of Excavation

Stabilizing the upper portion of the foundation excavation would initially require stabilization of the soil overburden and likely a portion of the decomposed rock above the rock excavation. Soldier piles with timber lagging is one recommended support system to cut the areas adjacent to the roadways and adjacent structures. H-Pile sections or pipe piles would be installed by drilling though the overburden soils and decomposed rock and into the competent bedrock. The drilled piles would require casing up to the competent bedrock surface and then embedded into the competent bedrock as required. Timber lagging would then be installed off the back face of the soldier piles as excavation of the Site progresses in a top-down construction sequence. If groundwater seepage is observed during the SOE installation, gravel filled sump pumps can be utilized to allow proper construction. Dewatering should be performed in accordance with all pertaining environmental regulations.

Unless access agreements and easements are obtained to install the temporary SOE piles outside of the property, the SOE piles will be installed within the property. This will result in needing to embed the SOE piles within the foundation walls or offset the foundation wall from property line, reducing the total cellar floor area.

The soldier pile wall should be supported, as needed, using rakers and/or struts attached to the soldier piles by a Steel H-beam waler. In areas where the raker and waler system are not appropriate, the wall can be supported by installing tieback anchors, drilling into the soils behind

the wall and grouting the anchors in-place. Installation of tieback anchors beyond the property line will require access agreements with adjacent properties or the City of Peekskill. Design of the soldier pile retaining wall should limit the deflection at the top of the wall to less than 1-inch when in service adjacent to sidewalks. Depending on the proximity, depth, and condition of existing neighboring building foundations, the SOE system may need to be designed with more stringent lateral movement requirements.

Once the soldier pile and lagging sections attain the top of competent rock, an open cut within the rock would begin as required. Stabilization of the rock face would be accomplished using temporary rock bolts and/or shotcrete, as necessary. Alternatively, the lagging section could continue to the bottom of the excavation to provide stabilization of the rock face, if needed.

Some alternate support of excavation systems could be designed as a dual-purpose temporary SOE and permanent foundation element in coordination with the project structural engineer of record. These systems usually include a drilled concrete secant pile wall or steel sheeting wall. Although the steel sheeting wall may not be an effective solution due to the high elevation of rock and proposed rock excavation, a drilled secant pile wall may provide a more constructable alternative solution. Drilled secant piles consist of overlapping drilled concrete shafts typically 24 inches in diameter, with a steel core beam installed in every other secant pile. A secant system may be designed to serve as the temporary support of excavation system as well as the exterior perimeter foundation walls.

8.2 Underpinning

Excavation adjacent to neighboring buildings could require underpinning and should be further evaluated. The selection of the SOE and underpinning systems is contingent on the proximity of the buildings in relation to the proposed excavation, the elevation of the neighboring building's footings, and the condition of the footings. Pending further evaluation of the adjacent existing building foundations in relation to the proposed construction, SESI can provide additional underpinning recommendations such as push piles, jet grouting, compaction grouting, concrete piers, etc. to be performed under the neighboring buildings to allow for the construction of the proposed building foundations. These underpinning techniques will require access agreements be implemented with neighboring property owners.

8.3 Preconstruction Survey and Monitoring Program

A preconstruction survey (existing conditions survey) of all neighboring structures, sidewalks and utilities in nearby areas should be performed prior to demolition. The pre-construction survey would provide the Owner, the SOE designer, and the foundation contractor with documentation of the existing condition in the event of a future damage claim. The pre-construction survey should be made by a qualified Progressional Engineer experienced in such documentation work. The pre-construction survey should include photographs and notes on existing cracks, damage, and wear of existing building and infrastructure. The pre-construction survey would serve as a pictorial and quantitative reference document to assess conditions prior to construction. A construction monitoring program should be designed for monitoring the responses of adjacent structures and evaluating construction procedures based on the pre-construction survey. This program should consist of monitoring horizontal and vertical movements by optical surveying and vibration monitoring using threshold-type seismographs to measure construction-induced vibrations and crack gauges. Crack reference line and settlement reference points should be established on existing fractures for monitoring during construction. Ambient vibration level at the Site and at the neighboring structures should be measured as part of the documentation work.

8.4 Supplemental Investigation Recommendations

The scope of our investigation was to provide the preliminary recommendations presented within this report; therefore, we recommend that the Site be further investigation once the existing building have been demolished. The supplemental investigation should consist of performing test pit excavation within the footprint of the demolished buildings and adjacent to the existing neighboring building to further evaluate the SOE and underpinning requirements.

9.0 LIMITATIONS

The subsurface investigation performed identifies the subsurface conditions only at the locations of the explorations and at the depths where the samples were taken. SESI Consulting Engineers reviews the published geologic data and the field and laboratory data and uses their professional judgment and experience to render an opinion on the subsurface conditions throughout the Site. Because the actual subsurface conditions may differ, we recommend that SESI be retained to provide construction inspection to minimize the risks associated with unanticipated conditions.

This report should not be used:

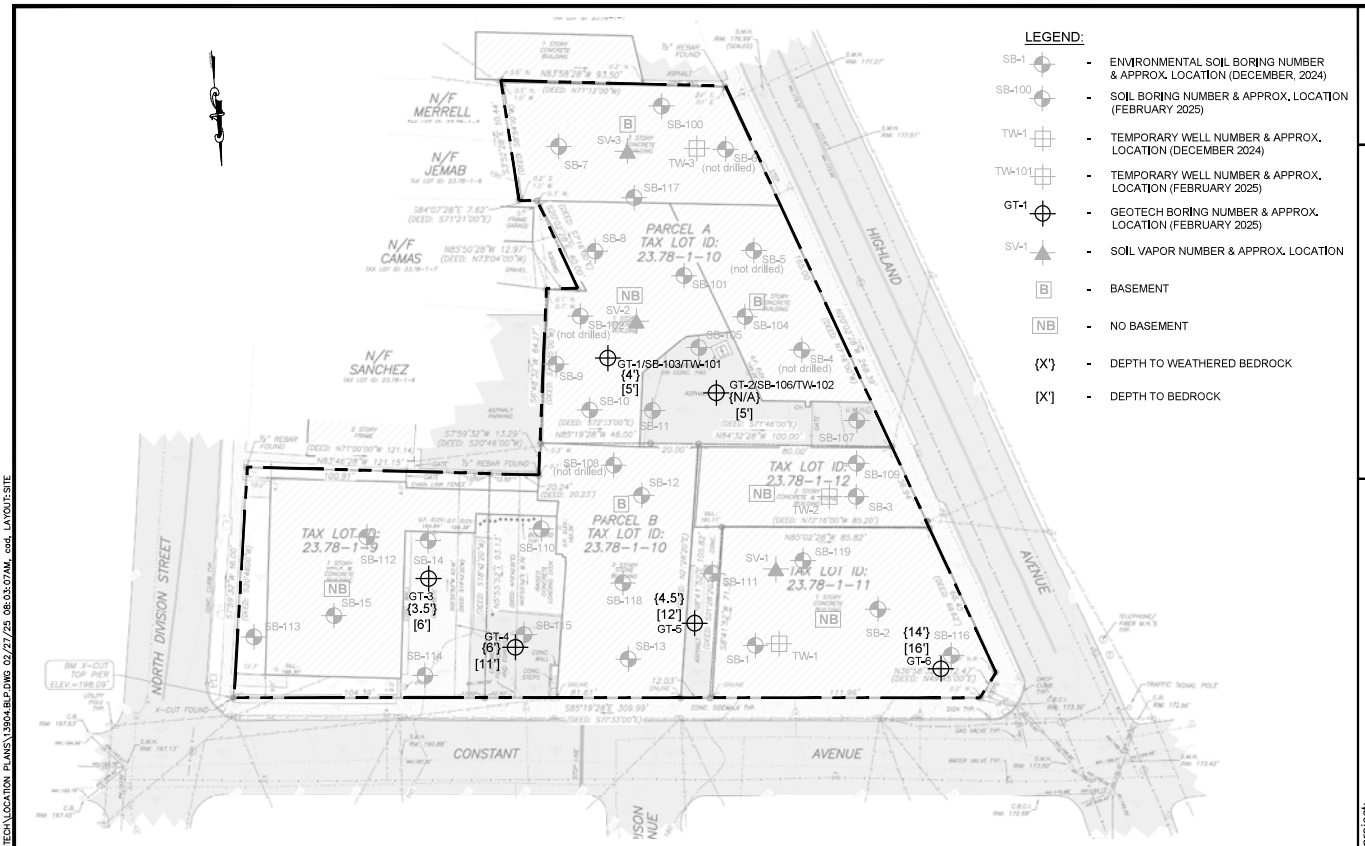
1. When the nature of the proposed building is changed;
2. When the size or configuration of the proposed building is altered;
3. When the location or orientation of the proposed building is modified;
4. When there is a change in ownership; or
5. For application to an adjacent or any other site.

SESI shall not accept any responsibility for problems that may occur if SESI is not consulted when there are changes to the factors considered in this report's development. The soil logs should not be separated from the Engineering Report to minimize the possibility of soil log misinterpretation.

10.0 DISCLAIMER

This Report was prepared by SESI for the sole and exclusive use of STAGG Group. Nothing under the Professional Services Agreement between SESI and its client STAGG Group, LLC shall be construed to give any rights or benefits to anyone other than Client and SESI, and all duties and responsibilities undertaken pursuant to the Agreement will be for the sole and exclusive benefit of Client and SESI and not for the benefit of any other party. This Report has been prepared and issued subject to the express condition that same is not to be disseminated to anyone other than Client, without the advance written consent of SESI (which SESI, in its sole discretion, is free to grant or withhold). Use of the Report by any other person is unauthorized and such use is at the sole risk of the user.

DRAWING 1



LEGEND:

- SB-1 - ENVIRONMENTAL SOIL BORING NUMBER & APPROX. LOCATION (DECEMBER, 2024)
- SB-100 - SOIL BORING NUMBER & APPROX. LOCATION (FEBRUARY 2025)
- TW-1 - TEMPORARY WELL NUMBER & APPROX. LOCATION (DECEMBER 2024)
- TW-101 - TEMPORARY WELL NUMBER & APPROX. LOCATION (FEBRUARY 2025)
- GT-1 - GEOTECH BORING NUMBER & APPROX. LOCATION (FEBRUARY 2025)
- SV-1 - SOIL VAPOR NUMBER & APPROX. LOCATION
- B - BASEMENT
- NB - NO BASEMENT
- {X'} - DEPTH TO WEATHERED BEDROCK
- [X'] - DEPTH TO BEDROCK

NOTE:
THIS PLAN IS FOR LOCATING BORINGS & 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.

SCALE: 1"=40'
0 40 80

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

N:\ACAD\13904\CAD\GEOTECH\LOCATION PLANS\13904.BLP.DWG 02/27/25 08:03:07AM, cad: LAYOUT:SITE

dwg by: AW
chk by: SL
scale: AS NOTED
date: 02/25/2025

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:
EXPLORATION LOCATION PLAN

job no: 13904
drawing no:
DWG 1.0
1 of 1

APPENDIX A

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: GT-1

PROJECT NAME Proposed Mixed Use Building
PROJECT NO. 13904
DATE STARTED 01-29-2025 **COMPLETED** 01-29-2025
DRILLING CONTRACTOR PG Environmental
SAMPLER 2" Split Spoon
EQUIPMENT Geoprobe 7822DT
DRILLING FOREMAN Angel **HELPER**
LOGGED BY E. Diaz **CHECKED BY** J. Alvarez
LATITUDE 41.295622 **LONGITUDE** -73.919318

PROJECT LOCATION 418 North Division Street, Peekskill, NY
ELEVATION DATUM NAVD 88 **GROUND ELEVATION** 190.5±
DRILLING METHOD Mud Rotary
SAMPLE HAMMER Auto
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ▽ **AT TIME OF DRILLING** Not Encountered
CASING DEPTH ▼ **AT END OF DRILLING** Not Encountered
FINAL DEPTH 10.0± ft ⧩ **24 HR AFTER DRILLING** Not Encountered

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sample Data: Number	Type	Rec. (in)	Moisture	Blows/6-in Core time/ft	N-Value (Blows/ft) 20 40 60 80	Remarks
		6" Concrete Slab					Moist			
		Fill: Dark gray/brown coarse to fine SAND, some medium to fine Gravel, little Silt, with Concrete pieces		S-1		10		26-15-50/4"		
		Light brown coarse to fine SAND, little coarse to fine Gravel, little Silt		S-2		14	Moist	46-50-39-34 (89)	•	
	186	Light brown coarse to fine SAND, little coarse to fine Gravel, little Silt, with Bedrock pieces		S-3		2		50/2"		AT 4' auger to 5' (weathered Bedrock)
		RC-1 (Poor Rock Quality) 5-10 Feet: Gray-white banded GNEISS; medium to coarse grained; moderately weathered; very close to close fracture spacing; narrow to wide fracture separation; stained fracture filling; near vertical to shallow dipping; strong to very strong strength	5	RC-1		REC = 60%, RQD = 17%		03:40 03:33 04:15 04:21		
	181							04:29		TW-101 installed at 10' below ground
		BORING COMPLETED AT 10± FEET	10							Pipe sticks out 5 feet
	176		15							
	171		20							
	166		25							
	161		30							
	156									

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: GT-2

PROJECT NAME Proposed Mixed Use Building
PROJECT NO. 13904
DATE STARTED 01-30-2025 **COMPLETED** 01-30-2025
DRILLING CONTRACTOR PG Environmental
SAMPLER 2" Split Spoon
EQUIPMENT Geoprobe 7822DT
DRILLING FOREMAN Angel **HELPER**
LOGGED BY E. Diaz **CHECKED BY** J. Alvarez
LATITUDE 41.295676 **LONGITUDE** -73.919479

PROJECT LOCATION 418 North Division Street, Peekskill, NY
ELEVATION DATUM NAVD 88 **GROUND ELEVATION** 189.5±
DRILLING METHOD Mud Rotary
SAMPLE HAMMER Auto
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ▽ **AT TIME OF DRILLING** Not Encountered
CASING DEPTH ▼ **AT END OF DRILLING** Not Encountered
FINAL DEPTH 13.0± ft ⧩ **24 HR AFTER DRILLING** Not Encountered

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sample Data: Number	Type	Rec. (in)	Moisture	Blows/6-in Core time/ft	N-Value (Blows/ft) 20 40 60 80	Remarks
	185		0							6" Asphalt
		RC-1 (Poor Rock Quality) 5-9 Feet: Gray-white banded GNEISS; medium to coarse grained; moderately weathered; very close to close fracture spacing; narrow to wide fracture separation; stained fracture filling; near vertical to shallow dipping; strong to very strong strength	5	RC-1		REC = 60%; RQD = 25%		03:15 04:38 04:18 04:44		Auger to 5'
	180	RC-2(Poor Rock Quality) 9-13 Feet: Gray-white banded GNEISS; medium to coarse grained; moderately weathered; very close to close fracture spacing; narrow to wide fracture separation; stained fracture filling; near vertical to shallow dipping; medium weak to strong strength	10	RC-2		REC = 87%; RQD = 44%		04:12 04:16 05:40 06:12		TW-102 installed at 13' below grade Pipe sticks out 1'
		BORING COMPLETED AT 13± FEET								
	175		15							
	170		20							
	165		25							
	160		30							
	155									

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: GT-3

PROJECT NAME Proposed Mixed Use Building
PROJECT NO. 13904
DATE STARTED 01-31-2025 **COMPLETED** 01-31-2025
DRILLING CONTRACTOR PG Environmental
SAMPLER 2" Split Spoon
EQUIPMENT Geoprobe 7822DT
DRILLING FOREMAN Angel **HELPER**
LOGGED BY E. Diaz **CHECKED BY** J. Alvarez
LATITUDE 41.295862 **LONGITUDE** -73.919064

PROJECT LOCATION 418 North Division Street, Peekskill, NY
ELEVATION DATUM NAVD 88 **GROUND ELEVATION** 190.7±
DRILLING METHOD Mud Rotary
SAMPLE HAMMER Auto
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ▽ **AT TIME OF DRILLING** Not Encountered
CASING DEPTH ▼ **AT END OF DRILLING** Not Encountered
FINAL DEPTH 6.0± ft ⧩ **24 HR AFTER DRILLING** Not Encountered

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sample Data: Number	Type	Rec. (in)	Moisture	Blows/6-in Core time/ft	N-Value (Blows/ft) 20 40 60 80	Remarks
		6" Concrete Slab								
		Brown and gray coarse to fine SAND, little medium to fine Gravel, little Silt		S-1		14		11-14-17-15 (31)	•	
		Brown and gray medium to fine Sand, some medium to fine Gravel, little Silt		S-2		8		23-21-40/2"		At 3.5' auger up to 6'
	186	Weathered Bedrock	5							
		BORING COMPLETED AT 6± FEET								
	181		10							
	176		15							
	171		20							
	166		25							
	161		30							

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: GT-4

PROJECT NAME Proposed Mixed Use Building
PROJECT NO. 13904
DATE STARTED 01-30-2025 **COMPLETED** 01-30-2025
DRILLING CONTRACTOR PG Environmental
SAMPLER 2" Split Spoon
EQUIPMENT Geoprobe 7822DT
DRILLING FOREMAN Angel **HELPER**
LOGGED BY E. Diaz **CHECKED BY** J. Alvarez
LATITUDE 41.295955 **LONGITUDE** -73.919184

PROJECT LOCATION 418 North Division Street, Peekskill, NY
ELEVATION DATUM NAVD 88 **GROUND ELEVATION** 190.0±
DRILLING METHOD Mud Rotary
SAMPLE HAMMER Auto
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ▽ **AT TIME OF DRILLING** Not Encountered
CASING DEPTH ▼ **AT END OF DRILLING** Not Encountered
FINAL DEPTH 21.0± ft ⧩ **24 HR AFTER DRILLING** Not Encountered

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sample Data: Number	Type	Rec. (in)	Moisture	Blows/6-in Core time/ft	N-Value (Blows/ft) 20 40 60 80	Remarks
		6" Asphalt								
		Fill: Dark brown-light brown coarse to fine SAND, some medium to fine Gravel, little Silt, with Asphalt pieces		S-1		16	Dry	11-8-10 (18)		
		Gray/light brown coarse to fine Sand, and medium to fine Gravel, trace Silt		S-2		26	Moist	40-50-50 (100)		
	185	Dark brown coarse to fine Sand, and medium to fine Gravel, trace Silt with bedrock pieces	5	S-3		2		50/5"		Refusal at 5 ft Auger clean up to 11 ft
	180	Weathered Rock	10							
	175	RC-1 (Fair Rock Quality) 11-16 Feet: Gray-white banded GNEISS; fine to medium grained; slightly weathered; moderate to close fracture spacing; narrow to wide fracture separation; clean fracture filling; near vertical to shallow dipping; strong to very strong strength	15	RC-1		REC = 100%; RQD = 60%		03:47 03:44 03:09 04:04 06:21		
	170	RC-2 (Fair Rock Quality) 16-21 Feet: Gray-white banded GNEISS; fine to medium grained; slightly weathered; moderate to close fracture spacing; narrow to wide fracture separation; clean fracture filling; near vertical to shallow dipping; strong to very strong strength	20	RC-2		REC = 100%; RQD = 60%		03:54 03:21 04:19 04:26 04:52		
		BORING COMPLETED AT 21± FEET								
	165		25							
	160		30							

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: GT-5

PROJECT NAME Proposed Mixed Use Building
PROJECT NO. 13904
DATE STARTED 01-31-2025 **COMPLETED** 01-31-2025
DRILLING CONTRACTOR PG Environmental
SAMPLER 2" Split Spoon
EQUIPMENT Geoprobe 7822DT
DRILLING FOREMAN Angel **HELPER**
LOGGED BY E. Diaz **CHECKED BY** J. Alvarez
LATITUDE 41.295928 **LONGITUDE** -73.919418

PROJECT LOCATION 418 North Division Street, Peekskill, NY
ELEVATION DATUM NAVD 88 **GROUND ELEVATION** 183.0±
DRILLING METHOD Mud Rotary
SAMPLE HAMMER Auto
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ▽ **AT TIME OF DRILLING** Not Encountered
CASING DEPTH ▼ **AT END OF DRILLING** Not Encountered
FINAL DEPTH 12.0± ft ⧩ **24 HR AFTER DRILLING** Not Encountered

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sample Data: Number	Type	Rec. (in)	Moisture	Blows/6-in Core time/ft	N-Value (Blows/ft) 20 40 60 80	Remarks
		Asphalt								
		Possible Fill: Gray-brown medium to fine SAND, some Silt, trace medium to fine Gravel, with Concrete pieces		S-1		11	Moist	14-6-4-2 (10)		
		Gray-brown coarse to fine Sand, some Silt, little medium to fine Gravel		S-2		12	Moist	2-8-11-15 (19)		-200 = 27.4%
				S-3		3		50/3"		Split spoon refusal at 4 ft Possible bedrock
	178	Weathered bedrock	5							
	173		10							
		BORING COMPLETED AT 12± FEET								Auger up to 12 ft (weathered bedrock)
	168		15							
	163		20							
	158		25							
	153		30							

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

BOREHOLE NUMBER: GT-6

PROJECT NAME	Proposed Mixed Use Building	**PROJECT LOCATION**	418 North Division Street, Peekskill, NY
PROJECT NO.	13904	**ELEVATION DATUM**	NAVD 88
DATE STARTED	01-29-2025	**COMPLETED**	01-30-2025
DRILLING CONTRACTOR	PG Environmental	**SAMPLE HAMMER**	Auto
SAMPLER	2" Split Spoon	**AUGER INNER DIAMETER**	
EQUIPMENT	Geoprobe 7822DT	**ROTARY BIT DIAMETER**	
DRILLING FOREMAN	Angel	**CASING DIAMETER**	
LOGGED BY	E. Diaz	**CASING DEPTH**	
LATITUDE	41.296011	**FINAL DEPTH**	24.0± ft

GROUND ELEVATION 175.5±
OUTER DIAMETER
DEPTH TO GROUNDWATER:
AT TIME OF DRILLING 10.00± ft
AT END OF DRILLING Not Measured
24 HR AFTER DRILLING Not Measured

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sample Data: Number	Type	Rec. (in)	Moisture	Blows/6-in Core time/ft	N-Value (Blows/ft)	Remarks
		6" Concrete					Dry			
		Fill: Light brown coarse to fine Sand, and medium to fine Gravel, trace Silt, with Concrete pieces		S-1		6	Dry	22-10-WOH-WOH		
		No Recovery		S-2		0		1-1-1-2 (2)		
	171	Fill: Light brown/gray-brown coarse to fine SAND, little Silt, little medium to fine Gravel	5	S-3		5	Moist	4-1-1-1 (2)		
		Brown medium to fine SAND, some Silt, little coarse to fine Gravel		S-4		4	Moist	2-3-8-18 (11)		
		Light brown coarse to fine SAND, some coarse to fine Gravel, some Silt		S-5		18		18-18-12-12 (30)		Light mottled
	166	Light brown coarse to fine SAND, some coarse to fine Gravel, some Silt	10	S-6		14	Wet	11-12-26-21 (38)		W= 11.8% -200 = 20.9%
		Light brown coarse to fine SAND, little medium to fine Gravel, some Silt		S-7		22	Wet	1-13-13-24 (26)		
	161	Brown coarse to fine Sand, some coarse to fine Gravel, some Silt	15	S-8		8	Wet	10-50/2"		Split spoon refusal at 14' Auger up to 16'
		RC-1 (Very Poor Rock Quality) 16-21 Feet: Gray-white banded GNEISS; medium to coarse grained; moderately weathered; very close to close fracture spacing; narrow to wide fracture separation; stained fracture filling; near vertical to shallow dipping; strong to very strong strength		RC-1		REC = 48%; RQD = 13%		03:11 05:19 08:18 08:21 08:59		20-21' The drill went down 4 inches
	156	RC-2 (Very Poor Rock Quality) 21-24 Feet: Gray-white banded GNEISS; medium to coarse grained; moderately weathered; very close to close fracture spacing; narrow to wide fracture separation; stained fracture filling; near vertical to shallow dipping; strong to very strong strength	20	RC-2		REC = 72%; RQD = 12%		05:21 04:42 08:05		Bedrock pieces getting stuck in sampler
	151	BORING COMPLETED AT 24± FEET	25							
	146		30							
	141									

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

SOILS CLASSIFICATION AND EXPLORATION LOG KEY

Our experience has shown that the following field identification system, which is pattered somewhat after the Burmister System, permits a more detailed breakdown of the components within a soil sample than other identification systems allow. It also compels the supervising technician to examine a sample quite closely in order to accurately describe the components within the sample.

Grain Size and Classifications

Gravel:
Coarse gravel ranges from 3-in to 1-in
Medium gravel ranges from 1-in to 3/8-in
Fine gravel ranges from 3/8-in to No. 10 sieve

Sand:
Coarse sand ranges from No. 10 to No. 30 sieve
Medium sand ranges from No. 30 to No. 60 sieve
Fine sand ranges from No. 60 to No. 200 sieve

Silt:
Material which passes the No. 200 sieve
Exhibits little to no plasticity

Clay:
Material which passes the No. 200 Sieve
Exhibits varying degrees of plasticity

Component Classification

CAPITALS	More than 50% of the sample by weight
Proper Case	Less than 50% of the sample by weight

Proportion Terms

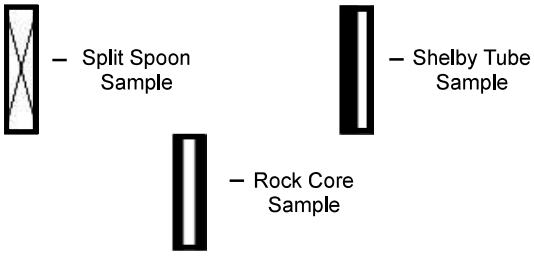
and	Component ranges from 35% to 50% of the sample by weight
some	Component ranges from 20% to 35% of the sample by weight
little	Component ranges from 10% to 20% of the sample by weight
trace	Component ranges from 0% to 10% of the sample by weight

Gradation Designation

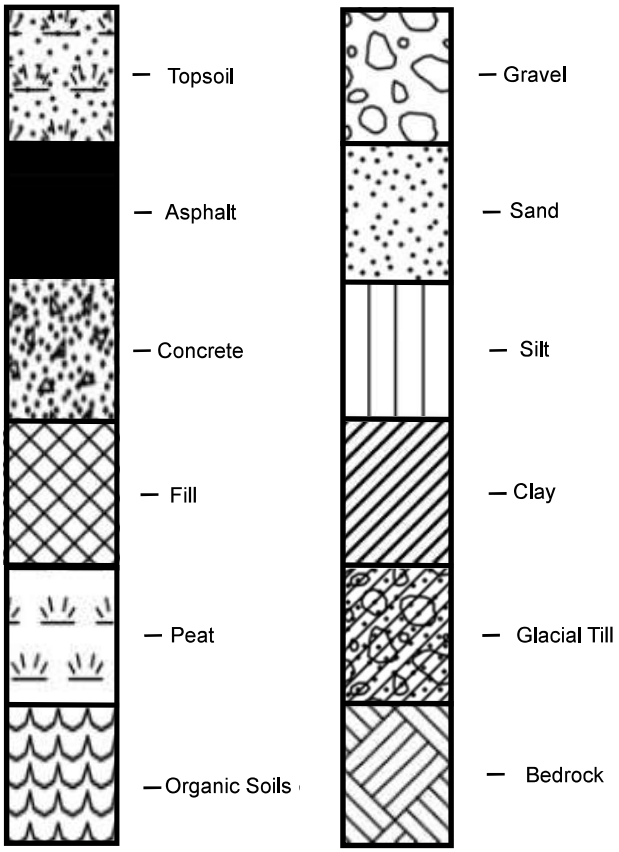
Coarse to fine (c-f)	All fractions greater than 10% of the component
Coarse to Medium (c-m)	Less than 10% of the component is fine
Medium to fine (m-f)	Less than 10% of the component is coarse
Coarse (c)	Less than 10% of the component is medium or fine
Medium (m)	Less than 10% of the component is coarse or fine
Fine (f)	Less than 10% of the component is coarse or medium

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 judgement of such authorized users. Information on the logs should not be relied upon without the geotechnical engineer's recommendations contained in the report from which these logs were extracted.

Sampling Types



Generalized Stratum Types



Strata Separation

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
						(8-10) Gray coarse to fine SAND and GRAVEL, little silt	0
10				10			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
						(0.5-5) Fill: Brown/ gray coarse to fine SAND and GRAVEL, some silt	0
							0
5				5			0
	47	2	5				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-4**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:		GROUND ELEVATION:	
GEOPROBE BY:	DATE STARTED:	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						SB-4 was not drilled	
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-5**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:		GROUND ELEVATION:	
GEOPROBE BY:	DATE STARTED:	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						SB-5 was not drilled	
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-6**
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:		GROUND ELEVATION:	
GEOPROBE BY:	DATE STARTED:	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						SB-6 was not drilled	
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-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
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	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
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	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:	418 N Division st	GEOPROBE NO.	SB-102
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:		GROUND ELEVATION:	
GEOPROBE BY:	DATE STARTED:	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						SB-102 was not drilled	
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-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	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	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
						(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
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:	418 N Division st	GEOPROBE NO.	SB-108
LOCATION:	Peekskill, NY	JOB NO.	13904
METHOD:		GROUND ELEVATION:	
GEOPROBE BY:	DATE STARTED:	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						SB-108 was not drilled	
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-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
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	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
						(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
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
						(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
							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 Gravel, trace Silt. No visual impacts. No odor. Mostly dry.	0
							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')
						End of Boring at +/- 10 feet BGS.	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
						End of Boring at +/-5 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-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')
						End of Boring at +/- 10 feet BGS	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

Particle Size Distribution Report

ASTM D6913

% +3"	% Gravel=28.7			% Sand=50.4			% Fines
	Coarse	Medium	Fine	Coarse	Medium	Fine	
0.0	0.0	11.6	17.1	14.5	16.1	19.8	20.9

Test Results (ASTM D6913)

Sieve Size or Diam. (in.)	Finer (%)	Spec.* (%)	Out of Spec. (%)	Pct. of Fines
.75	100.0			
.375	88.4			
#4	80.8			
#10	71.3			
#20	61.8			
#40	51.1			
#60	40.7			
#100	31.0			
#140	25.0			
#200	20.9			

* (no specification provided)

Material Description

Light brown coarse to fine SAND, some medium to fine Gravel, some Silt

Atterberg Limits

PL= LL= PI=

Coefficients

D_{90}= 10.6033 D_{85}= 7.1618 D_{60}= 0.7456
D_{50}= 0.3993 D_{30}= 0.1423 D_{15}=
D_{10}= C_u= C_c=

Classification

USCS= AASHTO=

Test Remarks

Water Content(%)= 11.8

Location: GT-6
Sample Number: S-6 **Depth:** 10-12 **Sample Date:** 02/05/2025

SESI CONSULTING ENGINEERS

Client: STAGG Group
Project: Proposed Mixed-Use Building
Project No: 13904 **Figure** 1

Tested By: MLT **Checked By:** MLT

SESI
CONSULTING ENGINEERS

Geotechnical
Environmental
Site Civil

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

Phase I Environmental Site Assessment Report

For:

418 N Division Street

Peekskill, NY 10528

Prepared for:

STAGG GROUP

July 31, 2025

SESI Contact:

Fuad Dahan

fd@sesi.org

SESI Project No:

13904

TABLE OF CONTENTS

LIST OF ACRONYMS i
1.0 PROJECT SUMMARY 1
2.0 INTRODUCTION 9
2.1. PURPOSE 9
2.2. SCOPE OF SERVICES 9
2.3. SIGNIFICANT ASSUMPTIONS 10
2.4. LIMITATIONS/METHODOLOGY/RELIANCE 10
2.5. DISCLAIMER 11
3.0 SITE DESCRIPTION 12
3.1. LOCATION/STRUCTURE/LEGAL DESCRIPTION 12
3.2. PROPERTY AND VICINITY CHARACTERISTICS 12
3.3. CURRENT USE OF THE PROPERTY 12
3.4. DESCRIPTION OF STRUCTURES, ROADS AND SITE IMPROVEMENTS 12
4.0 SITE BACKGROUND INFORMATION 14
4.1. TITLE INFORMATION 14
4.2. ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS 14
4.3. SPECIALIZED KNOWLEDGE/OTHER USER PROVIDED INFORMATION 14
4.3.1. INTERVIEWS 14
4.4. COMMONLY KNOWN OR REASONABLY ASCERTAINABLE RECORDS 14
4.5. VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES 15
4.6. OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION 15
5.0 RECORDS REVIEW 16
5.1. STANDARD ENVIRONMENTAL RECORD SOURCES: FEDERAL, CITY, STATE 16
5.1.1. EDR SEARCH 16
5.1.2. PREVIOUS ENVIRONMENTAL REPORTS 24
5.1.3. LOCAL, COUNTY, AND STATE INFORMATION REQUESTS 26
5.2. PHYSICAL SETTING SOURCES 28
5.2.1. TOPOGRAPHY 28
5.2.2. SURFACE WATERS AND WETLANDS 28
5.2.3. GEOLOGY AND GROUNDWATER 28
5.3. HISTORICAL USE INFORMATION FOR THE PROPERTY 30
5.3.1. AERIAL PHOTOGRAPHS 30

5.3.2. HISTORICAL AND CURRENT SITE OPERATIONS....31
5.3.3. USGS TOPOGRAPHIC MAPS....33
5.3.4. SANBORN FIRE INSURANCE MAPS....33
5.4. ENVIRONMENTAL LIEN AND AUL SEARCH REPORT....37
5.5. ENVIRONMENTAL PERMITS....37
6.0 SITE RECONNAISSANCE....38
6.1. METHODOLOGY AND LIMITING CONDITIONS....38
6.2. SUBJECT PROPERTY OBSERVATIONS....38
6.3. CHEMICAL STORAGE AND USAGE....39
6.4. BULK STORAGE TANKS....39
6.5. SUBJECT PROPERTY WASTE AND WASTEWATER....39
6.6. STAINED SOIL, STAINED PAVEMENT, OR STRESSED VEGETATION....39
6.7. PITS, PONDS, OR LAGOONS....39
6.8. WELLS....39
6.9. FLOOR DRAINS AND SUMPS....39
6.10. PCB-CONTAINING MATERIAL, INCLUDING CAULK....40
6.11. ASBESTOS-CONTAINING MATERIAL....40
6.12. RADON....40
6.13. UNIVERSAL WASTE....40
6.14. CONCRETE....40
6.15. LEAD-BASED PAINT....41
6.16. VAPOR INTRUSION....41
7.0 DATA GAPS....42
8.0 FINDINGS....43
9.0 OPINIONS....44
10.0 CONCLUSIONS AND RECOMMENDATIONS....45
11.0 DEVIATIONS....52
12.0 REFERENCES....53
13.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL....54

TABLES

TABLE 3.1 ADJACENT PROPERTY USES
TABLE 5.1 PROPERTY LISTINGS

TABLE 5.2 AERIAL PHOTOGRAPHIC REVIEW
TABLE 5.3 HISTORICAL SITE OPERATIONS
TABLE 5.4 TOPOGRAPHIC MAP REVIEW
TABLE 5.5 SANBORN MAP REVIEW

FIGURES

FIGURE 1.1 SUBJECT PROPERTY LOCATION MAP
FIGURE 1.2 SITE PLAN
FIGURE 10.1 REC LOCATION PLAN

APPENDICES

APPENDIX A TOPOGRAPHIC SURVEY OF PROPERTY PREPARED BY GEOLOGIC LAND SURVEYING, PLLC
APPENDIX B ENVIRONMENTAL DATA R ESOURCES, INC. REPORTS
APPENDIX C USER QUESTIONNAIRE AND DOCUMENTS
APPENDIX D ENVIRONMENTAL RECORD SEARCH RESULTS AND INFORMATION REQUESTS
APPENDIX E SITE PHOTO LOG

LIST OF ACRONYMS

Acronym	Definition
ACM	Asbestos-Containing Material
BCP	Brownfield Cleanup Program
BER	Business Environmental Risk
CREC	Controlled Recognized Environmental Condition
CVOC	Chlorinated Volatile Organic Compounds
EDR	Environmental Data Resources
ESA	Environmental Site Assessment
HREC	Historical Recognized Environmental Condition
LBP	Lead-based Paint
MSL	Mean Sea Level
NYSDEC	New York State Department of Environmental Conservation
NYCDOH	New York City Department of Health
NOV	Notice of Violations
PCB	Polychlorinated Biphenyls
PCE	Tetrachloroethene
REC	Recognized Environmental Condition
SESI	SESI Consulting Engineers, DPC
TCE	Trichloroethene
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank

1.0 PROJECT SUMMARY

SESI Consulting Engineers (SESI), at the request of Stagg Group (User) has conducted a Phase I Environmental Site Assessment (ESA) for the Subject Property located at 418 N Division Street and 407, 425, and 427 Highland Avenue, Peekskill, Westchester County, New York (herein referred to as the "Subject Property"). 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 acres. A Subject Property Location Map is included on **Figure 1.1**. A Site Plan is included on **Figure 1.2.**

As noted above, the Subject Property consists of four (4) continuous parcels. 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 11, located at 427 Highland Avenue, contains a one-story concrete commercial building. Lot 12, located at 425 Highland Avenue, contains a two-story concrete and stone commercial building. The buildings at Lot 9 and Lot 10 are connected from inside. The Subject Property is located in a mixed-use residential and commercial area of Peekskill and is currently unoccupied.

The Subject Property was developed prior to 1887 based on a review of the Sanborn maps. The 1887 Sanborn Map indicates that the Subject Property is improved with a carpentry shop in the southern on-site building. The on-site structures were constructed at varying times until the Subject Property appeared mostly in its' current form by approximately 1974. City Directory listings and/or information in the Sanborn maps from the Subject Property identified several different former uses including a dairy and ice cream manufacturer, bus depot, fire department, commercial laundry, metal shop, and automobile warehouse. A Phase II ESA was conducted by SESI at the Subject Property from November 2024 through January 2025 with a Phase II ESA Report issued in March 2025.

The objective of this ESA is to identify the presence or likely presence, use or release on the Subject Property of hazardous substances or petroleum products as defined in the American Standard of Testing and Materials (ASTM) E1527-21 as a Recognized Environmental Condition (REC). In addition, Business Environmental Risks (BERs), Controlled Recognized Environmental

Conditions (CRECs), and Historical Recognized Environmental Conditions (HRECs) were identified, if present. The following RECs have been identified:

- **REC-1 ASTs and USTs:** The Subject Property is identified as Highland Light Steam Laundry/White Plains Linen on the UST database with Site ID No. 3-800121 with the following tank information:

Tank ID	Size	Contents	Status	Date
005	1,000	No. 2 Fuel Oil	Closed-Removed	10/20/2014

It appears that this UST is likely related to Spill No. 1408577, although the removal occurred on November 20, 2014 (see Section 5.1.3 for further discussion).

The Subject Property is identified as Highland Light Steam Laundry/White Plains Linen on the AST database with Site ID No. 3-800121 with the following tank information:

Tank ID	Size (gal)	Contents	Status	Date
002	275	No. 2 Fuel Oil	Administratively Closed	1/1/1900*
003	275	No. 2 Fuel Oil	Administratively Closed	1/1/1900*
004	550	No. 2 Fuel Oil	In-service	2/1/1978
006	8,000	No. 2 Fuel Oil	In-service	10/1/1968

* - The AST was not closed on 1/1/1900, this date is used as a placeholder when the actual date is not provided. Based on available information, the tanks were installed on August 1, 1989.

A sign and vent pipes associated with the 8,000-gallon AST were identified in the courtyard during the reconnaissance; however, the 8,000-gallon AST appears to have been removed. The Subject Property was also identified as Highland Light Steam Laundry Inc. on the AST database with Site ID No. 3-000007 with the following tank information:

Tank ID	Size (gal)	Contents	Status	Date
007	550	Not reported	Closed/Removed	10/17/2010
008	800	Not reported	Closed/Removed	1/5/2011
009	500	Not reported	Closed/Removed	9/1/2003

The Subject Property was also identified on the CBS AST database with CBS No. 3-000007 for a 550-gallon AST that contained sodium hypochlorite which is reported as in service.

Spill No. 1408577 was reported when soil contamination was identified during the closure of a 1,000-gallon UST. Additional information in the narrative indicates that the 1,000-gallon UST was removed from the sidewalk and that an additional tank was suspected to be in the nearby area as a results of a "magnetic survey". Based on available information, the impacted soils were remediated, and the spill was closed. Therefore, the potential remains for additional USTs present in the sidewalk.

Further investigation of REC-1 is recommended to investigate the current and former tank systems, evaluate for potential additional USTs, and evaluate for potential discharges.

- **REC-2 Former On-site Laundry Operations (Lots 9, 10, and 11):** The majority of the on-site structure was used for industrial laundry operations beginning in at least 1942, with operations starting in the southernmost structure and eventually occupying a majority of the interconnected on-site buildings on Lots 9, 10, and 11. The on-site laundry operations utilized a variety of cleaning solvents and detergents and utilized floor drains, trench drains, and other large-scale drainage features below former laundry equipment. The on-site laundry operations were coal-powered, and a large coal storage area was previously located in the central portion of the Subject Property.

  This building was occupied by White Plains Linen, Highland Steam Landry, C&C Cleaners, and White Plains Coat & Apron Co. The Subject Property was identified as White Plains Linen at 411 Highland Avenue on the USEPA's Envirofacts website. The Air Program Information indicates that tetrachloroethene (PCE) was used on-site. Soil vapor sample SV-2, collected in the northern portion of the southern building during the recent Phase II ESA, identified elevated concentrations of both PCE and trichloroethene (TCE), suggesting a potential source area. **Therefore, further investigation is recommended for REC-2.**

REC-3 Former Coal Storage and Use (Lot 10): The 1900 Sanborn Map indicates the southern on-site structure (427 Highland Avenue) was powered using coal. The 1911 Sanborn Map shows the former Van Cortland Dairy Co. structure (the northernmost structure on Lot 10) present with coal as a fuel source. Beginning in the 1950 Sanborn map, a coal pile is indicated in the central portion of the Subject Property; however, SESI notes that it is highly likely that coal was staged at this location pre-1950 as a feature consistent with a coal pile was observed in the 1947 aerial photograph in the courtyard. In the 1958 Sanborn Map a coal storage building is depicted north of the boiler room of the southern building with a coal pile still indicated within the courtyard. Coal storage and handling may have resulted in on-site contamination consisting of polynuclear aromatic hydrocarbons (PAHs), coal tar, and creosote. On-site data generated by the recent Phase II ESA identified PAH impacts throughout many areas of the Subject Property, which may be partially attributable to the former coal use and handling. Further, soil borings SB-9, SB-10, SB-102, SB-103, and SB-106 were advanced in the general area of the former coal pile and coal storage building. Analytical results identified certain Volatile Organic Compounds (VOCs), polychlorinated biphenyls (PCBs), and certain metals (including mercury) above the most stringent NYSDEC Soil Cleanup Objective (SCO). Ground water was not encountered in TW-4, advanced on the downgradient side of the courtyard, indicating that ground water is likely encountered within the shallow bedrock in this area of the Subject Property. **Therefore, further investigation is recommended for REC-3.**

- **REC-4 Former On-site Carpentry Shop, Metal Shop, Sash and Blind Factory, and Automobile Warehouse (Lot 10):** The southern on-site structure on Lot 10 was occupied by a carpentry shop in the 1887 Sanborn map until 1911 when it is indicated as an automobile warehouse. The 1911 Sanborn map indicates the southern structures along Highland Avenue are occupied by the C.A. Lamos Son Sash and Blind Factory. These operations continued until approximately 1942 when the steam laundry operations were depicted on the 1942 Sanborn map. In addition, there appears to have been metal fabrication occurring in this structure sometime between 1972-1977 based on City Directory listings. **Further investigation REC-4 is recommended.**

- **REC-5 Former On-site Bus Garage and Trucking Operations (Lots 10, 11, and 12):** The northwestern on-site structure on Lot 11 was indicated as a garage in the 1923

Sanborn map, as the Peekskill Motor Bus Corp. in the 1942 Sanborn map, and as a garage in the 1950, 1958, 1964, 1971, and 1972 Sanborn maps. A former on-site structure, located roughly where the Fire Department building and courtyard are (Lots 10 and 12),, was indicated as being occupied by a trucking company in the 1900 Sanborn map. This structure was no longer depicted on-site beginning in 1905. Soil samples collected in the area of these former operations identified polynuclear aromatic hydrocarbons (PAHs), pesticides, and metals above the NYSDEC Unrestricted Use Soil Cleanup Objective (USCO). Groundwater samples TW-1 and TW-2 were collected in this area of the Subject Property during the Phase II ESA and identified PAHs and metals above the applicable NYSDEC Ambient Water Quality Standards (AWQS). No soil vapor exceedances were identified. **Further investigation of REC-5 is recommended.**

- **REC-6 Former On-site Printing and Lithography (Lot 9):** The 1987 City Directory identified Wayne Desalvo Inc./Wayne Printing & Lith at 418 North Division Street, which is located in the northeast corner of the Subject Property on Lot 9. Based on available information, it is unclear if the on-site structure was used for printing operations, office space, or both. The previous listed tenant in the space is the NYS St. Labor Unemployment office. Printing operations may have used solvent, metals, and PFAS. Limited soil testing on Lot 9 during the Phase II ESA identified pesticides above the most NYSDEC's USCOs and polynuclear aromatic hydrocarbons (PAHs) above the NYSDEC's Residential Soil Cleanup Objectives (RSCOs) and/or Restricted Residential Soil Cleanup Objectives (RRSCOs). Groundwater was not encountered in the shallow overburden, indicating that groundwater is likely to be encountered within weathered and/or competent bedrock. No soil vapor samples were collected on Lot 9 during the Phase II ESA. **Further investigation of REC-6 is recommended.**

- **REC-7 Former On-site Fire House (Lot 12):** The structure located on Lot 10 (425 Highland Avenue in the City Directories) was constructed sometime between 1911 and 1923 based on the Sanborn maps. The clarity of the Sanborn map in 1923 is poor and the use could not be determined. The building use is not labelled in the 1942 Sanborn map. In the 1953 Sanborn map the building is indicated as being used as a Fire Department building. Based on City Directory listings, this use continued until at least 2020. The former use of the building for fire department activities may have adversely impacted the subsurface, with potential contaminants of concern including petroleum and PFAS. Two

(2) soil samples were collected within the structure near the address side during the recent Phase II ESA; metals were identified above the NYSDEC's USCO and/or RRSCO. Temporary well TW-2 was installed within the fire department building. One VOC, several PAHs, and several metals were detected above their respective NYSDEC's AWQS. In addition, both Perfluorooctanoic Acid (PFOA) and Perfluorooctanesulfonic Acid (PFOS) were detected above the NYSDEC's AWQS; however, although the detections were an order of magnitude higher than the AWQS for both compounds, the concentrations were generally in the order of magnitude typical of urban areas and are not considered indicative of an on-site source. Soil vapor was not evaluated on Lot 10 as part of the Phase II ESA. **Further investigation of REC-7 is recommended.**

- **REC-8 Historic Fill:** Historic fill was identified on-site during the Phase II ESA completed on-site by SESI. 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. Based on soil analytical results from the Phase II ESA, PAHs and metals were detected in on-site soils above the most stringent NYSDEC SCOs which appear to be in part due to contaminated historic fill. **Further investigation of the historic fill on-site is recommended.**

- **REC-9 On-site Contamination:** Analytical results from the Phase II ESA identified on-site contamination in soil, groundwater, and soil vapor above the applicable clean up objectives, quality standards, and criteria, respectively. On-site contamination appears to be attributable to both historic on-site operations (**REC-1** through **REC-7**) and contaminated historic fill (**REC-8**). **Further investigation and remediation of on-site contamination is recommended.**

The following HREC has been identified:

- **HREC-1 Former Spills:** A review of the database as provided by EDR identified the Subject Property with the following information:

Name	Spill No.	Closed Date	Material	Volume (gal)
White Plains Linen	0206243	09/16/2002	No. 2 Fuel Oil	10
Coat & Apron Co.	0410072	12/10/2004	No. 2 Fuel Oil	2
White Plains Linen	0809615	1/9/2009	No. 2 Fuel Oil	75

Name	Spill No.	Closed Date	Material	Volume (gal)
White Plains Linen	1408577	2/2/2022	No. 2 Fuel Oil	Not reported

Limited information is available regarding the nature and response to Spill Nos. 0206243 and 0410072. Spill No. 0809615 was reported when an overfill occurred during a fuel delivery. The overfill of No. 2 fuel oil was not recoverable and dissipated with laundry detergents into the sanitary sewer. Based on this, the spill was closed.

Spill No. 1408577 was reported when soil contamination was identified during the closure of a 1,000-gallon UST . Additional information in the narrative indicates that a 1,000-gallon UST was removed from the sidewalk and that an additional tank was suspected to be in the nearby area due to a “magnetic survey”. Based on available information, the impacted soils were remediated, and the spill was closed.

Spill No. 0302563 was reported on June 10, 2003 when a backhoe was excavating for a gas leak and hit a sewer connection, causing spill of unknown material into a catch basin. The spill was closed the following day on June 11, 2003.

No further investigation or remediation is required for these former spills that received regulatory closure.

The following BERs have been identified:

- **BER-1 Drums and Compressed Gas Cylinders:** SESI observed several 55-gallon drums with unknown contents throughout the Subject Property. The drum contents should be evaluated, and the drums and compressed gas cylinders should be properly disposed of off-site.

- **BER-2 PCB-Containing Material (Including Caulk - All Buildings):** A survey for PCB caulk was not completed. However, based on the age of the building, a PCB survey is recommended for caulk.

- **BER-3 Asbestos Containing Material (ACM):** ACM surveying was not included in SESI’s scope of work. An asbestos survey was conducted by DVD Environmental Inc. (DVD) in

November 2024. The ACM identified on-site consisted of 9”x9” vinyl floor tiles in 407 Highland Avenue and 418 North Division Street and façade transite panels, and roof flashing tar/felt under the EPDM roof at 425 and 427 Highland Avenue. All ACM should be abated prior to any demolition activity by a licensed Asbestos Abatement Contractor according to all applicable rules and regulations.

- **BER-4 Universal Waste:** There were several pieces of universal waste throughout the buildings. Therefore, this universal waste should be properly disposed of prior to redevelopment.

- **BER-5 Concrete:** Concrete may be disturbed as part of the redevelopment of the property. Therefore, sampling of any stained concrete is recommended prior to disposal.

- **BER-6 Lead Based Paint (LBP):** LBP surveying was not included as part of this Phase I Environmental Site Assessment. However, based on the age of the structures located on the Subject Property, the possibility of presence of LBP cannot be ruled out. Therefore, an LBP survey is recommended.

The RECs are discussed further in **Section 10.0 CONCLUSIONS AND RECOMMENDATIONS** of this Report.

2.0 INTRODUCTION

2.1. PURPOSE

The purpose of this study is to determine the RECs at the Subject Property for due diligence purposes related to the potential acquisition of the Subject Property.

SESI has developed this Phase I ESA Report on behalf of the User. It has been developed in substantial conformance with the ASTM's International Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E 1527-21. According to ASTM E1527-21, the following conditions were identified during this assessment:

REC – "(1) the presence of hazardous substances or petroleum products in, on, or at the property due to release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the property due to a release or likely to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at under conditions that pose a material threat of a future release to the environment. A de minimis condition is not a recognized environmental condition."

CREC – "A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority."

HREC – "A past release that has been remediated to below residential standards and given regulatory closure with no use restrictions."

BER – "A risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of commercial real estate and is not an issue required to be investigated under this practice."

2.2. SCOPE OF SERVICES

The scope of this assessment consisted of the following general tasks: a records review; a visit to the Subject Property; interviews with present and past owners, operators, and occupants to the extent possible; and preparation of this ESA report. Specific tasks that were conducted included the following:

- A review of environmental databases maintained by the United States Environmental Protection Agency (USEPA) and state and local agencies within the minimum search distance. Environmental Data Resources, Inc. (EDR) prepares environmental databases used in these assessments.
- An in-person visit to observe conditions and to assess the Subject Property location with respect to adjoining and surrounding property uses, types of development, topography, natural surface features, roadways, railroad lines and right-of-ways to identify obvious potential environmental conditions on neighboring properties.

Per ASTM E1527-21, questionnaires were provided to the User (Client), and Owner to obtain information related to the Subject Property.

2.3. SIGNIFICANT ASSUMPTIONS

Information obtained by SESI and by third parties is assumed to be accurate and/or true. SESI makes no warranty, either implied or expressed, regarding the accuracy or validity of information supplied by others.

2.4. LIMITATIONS/METHODOLOGY/RELIANCE

This ESA was prepared for the exclusive use of Stagg Group, their affiliates and lenders. During the assessment, methodologies were used that conform to generally accepted practices for this type of work. The scope and character of the environmental assessment were, in professional judgment, sufficient to justify the stated conclusions, after giving due consideration to the purpose of the investigation, the data reviewed, the background history of the Subject Property as found in historical records, and visual observation of the Subject Property. No other investigation was performed other than that which is expressly noted in this Report.

This ESA was performed in accordance with ASTM E1527-21 and is subject to reasonable limits of time and cost and is intended to reduce but not eliminate uncertainty regarding the potential for RECs in connection with a property. Sampling and laboratory analysis are required to determine if soil, surface water, groundwater, air, and construction materials have been impacted by a contaminant.

The information presented in this ESA was obtained during the Subject Property visit and from the Client, representatives of the Client, current/former property owner(s) or tenants, Federal, State, County and Local Officials, and available mapped information obtained by SESI. SESI does not certify the accuracy of the information received from outside sources.

This ESA should be used in its entirety. Use of portions of this ESA may nullify the information and/or conclusions of this ESA. Subject Property observations discussed herein apply to Subject Property conditions as observed during the in-person visit only. The conclusions of this ESA do not apply to conditions that were unavailable for inspection and could not be evaluated.

SESI does not certify that the Subject Property is contaminant free and this ESA does not serve as a warranty. SESI's investigation was performed within the time frame requested by the client.

The activities to conduct this ESA did not include sampling and analyses of soil, surface water, groundwater, air, or construction materials unless expressed otherwise and requested by the client. Formal wetland, asbestos, mold, and/or radon evaluations were not performed and are not within the scope of work for an ESA. If additional services including underground storage tank (UST) testing, construction materials testing, or environmental sampling (soil, surface water, groundwater, air) is recommended, the results and conclusions for these tests will be provided under separate cover.

2.5. DISCLAIMER

This ESA was prepared by SESI for the sole and exclusive use of Stagg Group. Nothing under the Agreement between SESI and the User shall be construed to give any rights or benefits to anyone other than the User and SESI, and all duties and responsibilities undertaken pursuant to the Agreement will be for the sole and exclusive benefit of the User and SESI and not for the benefit of any other party. SESI does not intend, without its written consent, for this ESA to be disseminated to anyone other than the User, or to be used or relied upon by anyone other than the User. Use of the ESA by any other person is unauthorized and such use is at their sole risk.

3.0 SITE DESCRIPTION

3.1. LOCATION/STRUCTURE/LEGAL DESCRIPTION

As noted above, the Subject Property consists of four (4) continuous parcels. 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 11, located at 427 Highland Avenue, contains a one-story concrete commercial building. Lot 12, located at 425 Highland Avenue, contains a two-story concrete and stone commercial building. The buildings at Lot 9 and Lot 10 are connected from inside. The Subject Property is located in a mixed-use residential and commercial area of Peekskill and is currently unoccupied. A Subject Property Location Map is included on **Figure 1.1**. A Site Plan is included on **Figure 1.2.**

3.2. PROPERTY AND VICINITY CHARACTERISTICS

The Subject Property is located in a mixed-use residential and commercial area of Peekskill. The closest notable surface water body is the Hudson River. A summary of the uses of the adjacent properties is shown on **Table 3.1** below:

Table 3.1—Adjacent Property Uses

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

3.3. CURRENT USE OF THE PROPERTY

The Subject Property is currently unoccupied.

3.4. DESCRIPTION OF STRUCTURES, ROADS AND SITE IMPROVEMENTS

The Subject Property is irregularly shaped and approximately 1.07-acres. According to the Topographic Survey Of Property Prepared By Geologic Land Surveying, PLLC (included in Appendix A), there are seven (7) separate on-site buildings; however, the structures on Lots 9 and 10 are interconnected. Lot 10 is improved in the north with a two-story stone structure. The

southern improvements consist of three interconnected structures ranging from 1 to 3 stories in height. Lot 12 is improved with a 2-story structure previously used as a fire house. Lot 11 is improved with a single-story structure previously used as a garage. Asphalt driveways are present off of Constant Avenue and Highland Avenue and a courtyard is present in roughly the central portion of the Subject Property.

4.0 SITE BACKGROUND INFORMATION

4.1. TITLE INFORMATION

A Title Report was prepared by Atlantic Title Agency II LLC (Atlantic) dated October 9, 2024. As of the date of the title report, it appears that all Subject Property parcels (Lots 9, 10, 11, and 12) are vested in Peekskill White Plains, LLC. Lots 9, 10, and 11 were conveyed to the owner from Bruce Botchman and Keith Botchman on April 16, 2018 and Lot 12 was conveyed to the owner from Fabjola Mezini-Gogo on January 10, 2022.

There are open taxes and penalties identified associated with all lots. It appears that there is an unpaid balance associated with the mortgage for Lots 9, 10, and 11. A foreclosure summons was identified as being filed with the Westchester County Clerk on June 21, 2023. Several building department violations were identified associated with each lot. No Fire Department violations were identified, and no fuel oil burner permits were identified.

The Atlantic Title Report is included in **Appendix C**.

4.2. ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

SESI did not find any information regarding environmental liens or activity and use limitations.

4.3. SPECIALIZED KNOWLEDGE/OTHER USER PROVIDED INFORMATION

SESI prepared previous environmental reports regarding the Subject Property as discussed in Section 5.1.2 below. No other specialized knowledge or User-provided information was identified.

4.3.1. INTERVIEWS

A User Questionnaire was completed by Ms. Kathleen Bradshaw (User representative) on March 26, 2025. Ms. Bradshaw indicated that there were no known environmental liens or activity use limitations related to the Subject Property. In addition, the former on-site use was as a “linen factory”, and it was indicated that the User has no knowledge of former environmental spills, cleanups, or bulk storage tanks. The User Questionnaire is included in **Appendix C**.

4.4. COMMONLY KNOWN OR REASONABLY ASCERTAINABLE RECORDS

SESI completed a review of publicly available NYSDEC mapping and database systems and the USEPA database system as part of this Report to determine the environmental conditions at the

Subject Property and adjacent properties. According to the NYSDEC database, no environmental concerns were identified at the Subject Property or within 1/8-mile of the Subject Property. The Subject Property was identified as White Plains Linen at 411 Highland Avenue on the USEPA's Envirofacts website. The Air Program Information indicates that PCE was used on-site. No other information was available. The former on-site laundry operations that used PCE is considered **REC-2**.

4.5. VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The Report User indicated no knowledge of any valuation reduction related to environmental concerns.

4.6. OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

Based on publicly available information on the Westchester County Geographic Information Systems Municipal Tax Parcel Viewer, Lots 9, 10, 11, and 12 are currently owned by Peekskill Whtie Plains LLC. The Subject Property is currently unoccupied.

5.0 RECORDS REVIEW

5.1. STANDARD ENVIRONMENTAL RECORD SOURCES: FEDERAL, CITY, STATE

5.1.1. EDR SEARCH

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR) and reported in the EDR Radius Map Report with GeoCheck. The Report meets the government records search requirements of ASTM Standard of Practice for Environmental Site Assessments, E-1527-21. Search distances are per ASTM standards. A Radius Map Check was performed by EDR and is provided in **Appendix B.** All properties in the search area with environmental records are listed below.

Table 5.1 - Database Listings

DATABASE	SP	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2-1
NPL	0	0	0	0	1
CORRACTS	0	0	0	0	1
RCRA-VSQG	0	1	1	NR	NR
ERNS	0	2	NR	NR	NR
NY SHWS	0	0	0	1	1
NY LTANKS	0	5	20	50	NR
NY UST	0	3	3	NR	NR
NY CBS	0	2	0	NR	NR
NY AST	0	5	0	NR	NR
NY CBS AST	0	1	0	NR	NR
NY VCP	0	0	0	1	NR
NY BROWNFIELDS	0	0	0	1	NR
NY SWRCY	0	0	0	1	NR
NY Spills	0	24	NR	NR	NR
RCRA NonGen / NLR	0	4	3	NR	NR
DOD	0	0	0	0	1
ROD	0	0	0	0	1
CONSENT	0	0	0	0	1
US AIRS	0	1	NR	NR	NR
FINDS	0	1	NR	NR	NR
ECHO	0	1	NR	NR	NR
UST FINDER RELEASE	0	3	0	5	NR
NY AIRS	0	1	NR	NR	NR
NY DRYCLEANERS	0	1	0	NR	NR
NY MANIFEST	0	5	4	NR	NR
NJ MANIFEST	0	4	1	NR	NR
NY MGP	0	0	0	1	1
EDR MGP	0	0	0	1	1

DATABASE	SP	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2-1
EDR Hist Auto	0	5	NR	NR	NR
EDR Hist Cleaner	0	1	NR	NR	NR

The address used by EDR for the database search was 418 North Division Street. However, as noted throughout the report, the Subject Property includes several addresses along Highland Avenue. Therefore, these are considered findings at the Subject Property even though EDR does not report these findings as such. The information in the EDR Radius Map Report identified operations at the Subject Property in the following databases: FINDS, ECHO, UST, AST, CBS AST, EDR HIST CLEANER, US AIRS, CBS, NY SPILLS, AIRS, ERNS, DRYCLEANERS, and NY SPILLS.

Facility Index System/Facility Registry System (FINDS) and USEPA Enforcement and Compliance History Online (ECHO)

The FINDS database provides a list of facilities that maintain or previously maintained environmental permits or are listed under additional EDR report databases. The ECHO database provides a list of compliance and enforcement information for regulated facilities.

The Subject Property is identified as White Plains Linen on the FINDS and ECHO databases with Registry ID No. 110019083908. A review of the USEPA's FRS Facility Detail Report indicates that the Subject Property had air permits related to the industrial laundry operations. The former on-site laundry operations are identified as **REC-2**. The South Presbyterian Church is located approximately 1000 feet cross gradient to the east-southeast of the Subject Property at a higher relative elevation and is identified on the FINDS and ECHO databases with Registry ID No. 110004310521. No violations were identified related to this facility. Therefore, this facility is not considered a REC.

WESTCHESTER CO. UST

The Subject Property is identified as Highland Light Steam Laundry/White Plains Linen on the UST database with Site ID No. 3-800121 with the following tank information:

Tank ID	Size	Contents	Status	Date
005	1,000	No. 2 Fuel Oil	Closed-Removed	10/20/2014

The former on-site UST is identified as part of **REC-1**. Five (5) other facilities were identified on the UST database within ¼-mile of the Subject Property. One facility, 529 Highland Gas and Repair, Inc., is located approximately 155 feet cross gradient to the north-northwest of the Subject Property. This facility is identified on the UST database with Site ID No. 3-174688 with the following tank information:

Tank ID	Size (gal)	Contents	Status	Date
01	6,000	Gasoline	In-service	12/01/1998
02	8,000	Gasoline	In-service	12/01/1998
05	500	Not Reported	Closed in place	7/17/2008
06	500	Not Reported	Closed in place	7/17/2008
1	3,000	Not reported	Removed	12/01/1998
2	3,000	Not reported	Removed	12/01/1998
3	4,000	Not reported	Removed	12/01/1998

Although discharges have been reported at this facility, based on the distance and presumed ground water flow direction, this facility is not considered a REC. The other four (4) facilities located within ¼-mile of the Subject Property are not considered RECs based on the distance, ground water flow direction, and/or relative elevation.

WESTCHESTER CO. AST/ CBS AST

The Subject Property is identified as Highland Light Steam Laundry/White Plains Linen on the AST database with Site ID No. 3-800121 with the following tank information:

Tank ID	Size (gal)	Contents	Status	Date
002	275	No. 2 Fuel Oil	Administratively Closed	1/1/1900*
003	275	No. 2 Fuel Oil	Administratively Closed	1/1/1900*
004	550	No. 2 Fuel Oil	In-service	2/1/1978
006	8,000	No. 2 Fuel Oil	In-service	10/1/1968

* - The AST was not closed on 1/1/1900, this date is used as a placeholder when the actual date is not provided. Based on available information, the tanks were installed on August 1, 1989.

The Subject Property was also identified as Highland Light Steam Laundry Inc. on the AST database with Site ID No. 3-000007 with the following tank information:

Tank ID	Size (gal)	Contents	Status	Date
007	550	Not reported	Closed/Removed	10/17/2010
008	800	Not reported	Closed/Removed	1/5/2011
009	500	Not reported	Closed/Removed	9/1/2003

The Subject Property was also identified on the CBS AST database with CBS No. 3-000007 for a 550-gallon AST that contained sodium hypochlorite which is reported as in service. The former on-site ASTs are considered part of **REC-1**.

EDR Hist Cleaner Sites/DRYCLEANERS

The EDR Hist Cleaner list provides an inventory of facilities that formerly/historically operated a dry-cleaning business. A review of the EDR Hist Cleaner database, as provided by EDR, identified the Subject Property as A&N Cleaners & Launderers (1971-1976) and Croton Cleaners & Launderers (1974-1976). The Subject Property is also identified on the DRYCLEANERS database as Whiteplains Linen/Hiland Laundry with Facility ID No. 3-5512-00113 and an effective date of January 27, 2009. The former on-site laundry operations are identified as **REC-2**.

US AEROMATIC INFORMATION RETRIEVAL SYSTEM (AIRS)/ NY AIRS

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. It is used to track emissions and compliance data from industrial plants. The Subject Property is identified on the US AIRS database as White Plains Linen with Facility Registry ID No. 110019083908 and Programmatic ID No. AIR NY0000003551200113.

The Subject Property is also identified on the AIRS database as 407-419 Highland Avenue Facility with NYSDEC ID No. 3551200113. The former on-site laundry operations are identified as **REC-2**.

NY SPILLS

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2

(from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date. A review of the database as provided by EDR identified the Subject Property with the following information:

Name	Spill No.	Closed Date	Material	Volume (gal)
White Plains Linen	0206243	09/16/2002	No. 2 Fuel Oil	10
Coat & Apron Co.	0410072	12/10/2004	No. 2 Fuel Oil	2
White Plains Linen	0809615	1/9/2009	No. 2 Fuel Oil	75
White Plains Linen	1408577	2/2/2022	No. 2 Fuel Oil	Not reported

Limited information is available regarding the nature and response to Spill Nos. 0206243 and 0410072. Spill No. 0809615 was reported when an overfill occurred during a fuel delivery. The overfill of No. 2 fuel oil was not recoverable and dissipated with laundry detergents into the sanitary sewer. Based on this, the spill was closed.

Spill No. 1408577 was reported when soil contamination was identified during the closure of a 1,000-gallon UST. Additional information in the narrative indicates that a 1,000-gallon UST was removed from the sidewalk and that an additional tank was suspected to be in the nearby area due to a “magnetic survey”. Based on available information discussed further in Section 5.1.3 below, the impacted soils were remediated, and the spill was closed.

Spill No. 0302563 was reported on June 10, 2003 when a backhoe was excavating for a gas leak and hit a sewer connection, causing spill of unknown material into a catch basin. The spill was closed the following day on June 11, 2003.

These spills that received regulatory closure are considered **HREC-1**. The former USTs are considered part of **REC-1**.

EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS)

ERNS is a database used to store information on notifications of oil discharges and hazardous substances releases. The ERNS program is a cooperative data sharing effort encompassing the National Response Center (NRC), operated by the US Coast Guard, EPA HQ and EPA regional offices. ERNS data is used to analyze release notifications, track EPA responses and compliance

to environmental laws, support emergency planning efforts, and assist decision-makers in developing spill prevention programs.

The Subject Property is identified on the ERNS database as White Plains Coat & Apron with NRC Report No. 151471, reported on January 1, 1993 for “chimney/unknown black smoke coming from laundromat”. This listing is not indicative of a release of hazardous substances and is not considered a REC.

The Subject Property is also identified on the ERNS database with an address of 429 Highland Avenue and NRC Report No. 647488. This spill occurred on June 10, 2003 due to the release of 4-gallons of an unknown material from a pipeline due to an operator error. The company responsible is listed as Con Edison. Based on available information, this appears related to utility work in the nearby area and not from the Subject Property itself. This listing is identified and discussed on the SPILLS database above. Based on available information, this listing is not considered a REC.

EDR Hist Auto

The EDR Hist Auto list provides an inventory of facilities that formerly operated automotive repair or automotive gas stations. A review of the EDR Hist Auto database identified Van Cortlandt Garage on the Subject Property at 500 Highland Avenue from 1969-1993. The former bus garage operations are considered part of **REC-5**.

The EDR Radius Map Report identified operations at nearby sites in the following listings. A discussion of these listings is provided below.

SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes active spills as of April 1, 1986, as well as spills occurring since this date. A review of the database provided by EDR identified twenty-one (21) facilities within 1/8-miles of the Subject Property. Based on our review of listings within 200 feet of the Subject Property and 500 feet upgradient of the Subject Property, a single release was identified and was

closed by the NYSDEC. Therefore, these listings are not expected to have adversely impacted the Subject Property.

EDR Hist Auto

The EDR Hist Auto list provides an inventory of facilities that formerly operated automotive repair or automotive gas stations. A review of the EDR Hist Auto database identified four (4) Hist Auto facilities within approximately 0.125 miles of the subject Site. These facilities are situated either cross gradient or downgradient from the Subject Property with no known releases or with releases that have been issued a No Further Action. Therefore, these facilities are not expected to have adversely impacted the Subject Property.

RCRA NONGEN/NLR

Resource Conservation and Recovery Act Non-Generators (RCRA NonGen) database searches USEPA's comprehensive information system, providing access to data supporting the RCRA of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information about facilities that generate, transport, store, treat and/ or dispose of hazardous waste as described by RCRA. Non-generators do not presently generate hazardous waste. A review of RCRA NonGen/NLR list provided by EDR identified seven (7) facilities within 0.25 miles of the Subject Property. Since none of these facilities currently generate hazardous waste, they are not expected to adversely impact the property.

UST Finder Release: UST Finder Releases Database

The USEPA's UST Finder Releases Database is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials. A review of the database provided by EDR identified eight (8) facilities within 0.5 miles of the Subject Property. Based on a review of the available database information, all but one (1) facility (Exxon/Keith's Automotive/George Sampson, Inc.) have documented release events that have been closed. Additionally, this one (1) facility is located approximately 350 feet topographically downgradient from the Subject Property and, therefore, is not expected to adversely impact the Subject Property.

LTANKS: Leaking Storage Tank Incident Reports

Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. A review of the database as provided by EDR identified seventy-five (75) listings within 0.5 miles of the Subject Property. However, a review of the listings within 0.125 miles from the Subject Property did not identify any open spills with the NYSDEC. Therefore, these facilities are not expected to adversely impact the Subject Property.

RCRA Very Small Quantity Generator (RCRA-VSQG)

The RCRA-VSQG includes a list of facilities that generate less than 100 kilograms of hazardous waste, or less than one (1) kilogram of acutely hazardous waste per month. According to the RCRA-VSQG list provided by EDR, there are two (2) RCRA-VSQG facilities within approximately 0.25 miles of the Subject Property. The facilities had no reported violations, and any listed spills were reported as closed and not associated with the RCRA listing. Therefore, these listings are not expected to adversely impact the Subject Property.

MANIFEST Sites

MANIFEST Facilities include a list of facilities that have generated hazardous waste or contaminants. A review of the NY MANIFEST and NJ MANIFEST lists identified thirteen (13) facilities within a half mile of the Subject Property. Based on a review of the available database information, there are manifests that are not associated with documented releases, and therefore they are not considered a REC.

RCRA Non-Generators / No Longer Regulated (RCRA NonGen / NLR)

Resource Conservation and Recovery Act Non-Generators (RCRA NonGen) database searches USEPA's comprehensive information system, providing access to data supporting the RCRA of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information about facilities that generate, transport, store, treat and/ or dispose of hazardous waste as described by RCRA. Non-generators do not presently generate hazardous waste. A review of RCRA NonGen/NLR list provided by EDR identified seven (7) facilities within a half mile of the Subject Property. Since none of these facilities currently generate hazardous

waste, and there are no discharges associated with other database listings, they are not expected to adversely impact the Subject Property.

AST: Petroleum Bulk Storage

This database includes registered Aboveground Storage Tanks (ASTs). A review of the database identified two (2) facilities within 0.25 miles of the subject property. Neither facility is identified as having a reportable discharge. Therefore, these facilities do not constitute a REC.

UST: Underground Storage Tank Data

USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program. A review of the NY UST list identified two (2) UST facilities within approximately 0.25 miles of the Subject Property. Neither facility is identified as having a reportable discharge. Therefore, these facilities do not constitute a REC.

5.1.2. PREVIOUS ENVIRONMENTAL REPORTS

SESI prepared a Phase II Environmental Site Assessment for the Site in March 2025. The report identified exceedances in the soil, groundwater, and soil vapor reported during the investigation that are likely a result of a combination of the Subject Property's historical operations. The following findings were identified:

- Analytical results from the soil investigation identified Volatile Organic Compounds (VOCs), polynuclear aromatic hydrocarbons (PAHs), pesticides, polychlorinated biphenyls (PCBs), and metals at concentrations exceeding the NYSDEC's Unrestricted Soil Cleanup Objectives (USCOs), Residential Soil Cleanup Objectives (RSCOs), and/or Restricted-Residential Soil Cleanup Objectives (RRSCOs) as follows:
    - VOC-impacted soil was identified at soil borings 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 USCOs but below the RSCOs and 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. Trichloroethene (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 Subject Property. Chloroform is a typical disinfection byproduct. Soil boring SB-9 was installed in a drainage trench, while soil boring 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.

- 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 USCOs, RSCOs, and/or RRSCOs. While PAHs are commonly associated with historic fill, the elevated levels in these areas are likely due to releases that occurred 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.
- Pesticides including 4,4'-DDE, 4,4'-DDD, and 4,4'-DDT were detected in numerous soil samples above the USCO. In addition, all three compounds were detected in soil sample SB-10 above the RSCO.
- PCB-impacted soil was identified at Lot 10B (SB-10) and Lot 12 (SB-111), where PCB concentrations exceed the USCO of 0.1 mg/kg but below the RSCO and RRSCO of 1 mg/kg. The elevated PCB exceedances suggest contamination resulted from historic Subject Property operations.
- Metal exceedances to USCO 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, manganese, and mercury were detected at levels exceeding RRSCOs. The elevated metal exceedances suggest contamination resulted from historic Subject Property operations.

- Groundwater analytical results identified one VOC, PAHs, metals, and Perfluorinated Compounds (PFOA & PFOS) at concentrations exceeding the NYSDEC's Ambient Water Quality Standards (AWQSs) as follows:
  - The VOC 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 Subject Property. Therefore, the contamination is likely attributable to releases from historic Subject Property operations.

  - PAH-contaminated groundwater was identified at all three temporary well locations. The contamination is likely attributable to releases from historic Subject Property operations.
  - 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 Subject Property operations.
  - PFOA and PFOS exceedances were identified in both groundwater samples activated for PFAS analysis. The PFAS levels at Subject Property are typical of urban areas and are not indicative of an on-site source.
- Soil vapor analytical results indicated that there were no VOC exceedances in SV-1 and SV-3. However, in SV-2, PCE and 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 Subject Property.

SESI concluded that historic Subject Property operations likely contributed in part to the contamination identified in soil, ground water, and soil vapor and recommended that additional investigation and remediation be completed. The documented on-site contamination of soil, groundwater, and soil vapor is identified as **REC-9.**

5.1.3. LOCAL, COUNTY, AND STATE INFORMATION REQUESTS

On March 18, 2025, SESI filed information requests with the New York State Department of Environmental Conservation, Westchester County, and the City of Peekskill for information regarding potential incidents, spills, hazardous material storage/use and UST decommissioning records. An additional submittal to the City of Peekskill Fire Department was made on March 25, 2025.

The NYSDEC responded in April 2025 and provided several documents as follows:

- The *Facility Information Report* and *Petroleum Bulk Storage Registration Certificate* for Highland Light Steam Laundry/White Plains Linen (PBS No. 3-800121) identified the following tank information:

Tank ID	Type	Size (gal)	Contents	Status	Date
002	AST	275	No. 2 Fuel Oil	Administratively Closed	NP*
003	AST	275	No. 2 Fuel Oil	Administratively Closed	NP*
004	AST	550	No. 2 Fuel Oil	In-service	2/1/1978
005	UST	1,000	No. 2 Fuel Oil	In-service	4/1/1981
006	AST	8,000	No. 2 Fuel Oil	In-service	10/1/1968

* - NP = not provided

  These listings are consistent with those identified in the AST and UST databases above in Section 5.1.1.
- The *NYSDEC Spill Report Form* for Spill No. 1408577 was provided. As noted in Section 5.1.1 above, the spill narrative indicates that a 550-gallon tank was removed, and soil contamination was identified. In addition, a 1,000-gallon UST was removed from the sidewalk and the contractor was excavating looking for an additional tank. The form also indicates that a closure report was submitted (see next bullet).
- The January 5, 2015 *Closure Report* by Elite Environmental Services, Inc. for Spill No. 1408577 was reviewed. The copy of the report did not include any site diagrams. The report indicates that a 1,000-gallon UST was removed on November 20, 2014. Corrosion holes were identified and impacted soils were also observed below the UST. A total of 37.71-tons of petroleum-impacted soils and approximately 1,300 gallons of oily water mix were removed from the excavation during the UST closure. A total of five (5) post-excavation soil samples were collected, one from each sidewall and the center floor of the excavation. The post-excavation soil samples were submitted for VOCs via USEPA Method 8260 and SVOCs via USEPA Method 8270. Analytical results identified several SVOCs in the west sidewall sample including benzo[a]anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene above the NYSDEC TAGM values. Elite concluded that all accessible petroleum-impacted soils had been remediated since the west sidewall sample was located adjacent to the street and underground utilities.

No other responses have been received at the time of this report; however, should the response contain information that alters the opinions and conclusions of this Report, SESI reserves the right to revise this Report based on this information. Request documents are included in **Appendix D**.

5.2. PHYSICAL SETTING SOURCES

Sources used to evaluate the physical setting of the Subject Property include:

- USGS Topographic Maps
- Aerial Photographs
- Site Reconnaissance
- Subject Property Survey

5.2.1. TOPOGRAPHY

Regional topography slopes to the west towards the Hudson River, located approximately 0.6-miles to the northwest. Based on information provided in the November 18, 2024, Topographic Survey of Property prepared by Geologic Land Surveying, PLLC, the on-site topography generally slopes downward from a high point in the northeastern portion of the Subject Property, with an approximate elevation of ±198 feet above mean sea level (ft amsl), to a low point in the northwestern portion of the Subject Property, with an approximate elevation of ±174 ft amsl. Additionally, the Subject Property slopes downward from a high point in the southwestern portion of the Subject Property, with an approximate elevation of ±177.5 ft amsl, to the low point in the northwestern portion of the site, with an approximate elevation of ±174 ft amsl. The Topographic Survey of Property prepared by Geologic Land Surveying, PLLC is included in **Appendix A.**

5.2.2. SURFACE WATERS AND WETLANDS

The closest open surface water to the subject property is the Hudson River, located approximately 0.6-miles to the northwest of the Subject Property. No wetlands were mapped on the Subject Property according to the NYSDEC's Environmental Resource Mapper. According to the NYSDEC's DECinfo Locator, the Subject Property is not located within any environmentally sensitive area. The Subject Property is not located within a flood zone, according to the FEMA Flood Insurance Rate Map (FIRM) No. 36119C0016F.

5.2.3. GEOLOGY AND GROUNDWATER

As per the USDA National Cooperative Soil Survey (NCSS) map for the area, the soils at the Subject Property are characterized as UhB (Urban land – Charlton complex with 3 to 8 percent slopes). The findings of the Phase II ESA and geotechnical investigation conducted at the Subject

Property (see Section 5.1.2 above) indicated that the subsurface condition at the Subject Property generally consists 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 ft amsl through 186.5 ft amsl.

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 ft amsl through 187.5 ft amsl. 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 ft amsl through 188.5 ft amsl. 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 Subject Property. However, groundwater was not observed in the overburden zone in the eastern portion of the Subject Property.

5.3. HISTORICAL USE INFORMATION FOR THE PROPERTY

Sources used to determine the historical use of the property include:

- Aerial Photographs;
- EDR City Directory Abstract;
- USGS Topographic Maps; and
- Sanborn Fire Insurance Maps.

EDR Reports are attached to this Report as **Appendix B.**

5.3.1. AERIAL PHOTOGRAPHS

Following is a summary of the EDR review of fourteen (14) aerial photographs dated 1940, 1947, 1954, 1958, 1960, 1964, 1974, 1984, 1989, 1994, 2006, 2011, 2015, and 2019:

Table 5.2—Aerial Photographic Review

Year	Quality of Photograph	Observations
1940	West side of photo is fair, east side is unmapped	**Subject Property:** The Subject Property is not visible in the aerial photograph. **Adjacent Parcels:** The Subject Property is bound to the west by small structures consistent with residential use.
1947	Fair	**Subject Property:** The Subject Property is improved with structures in the southern, west, and northwest corners. The central portion of the Subject Property appears to be open space. **Adjacent Parcels:** the surrounding area is improved predominantly with small structures consistent with residential use.
1954	Fair	**Subject Property:** The Subject Property appears to have a materials pile in the central portion which is consistent with the location of a coal pile identified in Sanborn maps (see Section 5.3.4 below). **Adjacent Parcels:** No significant changes.
1958	Fair	**Subject Property:** A structure or materials pile now appears to be present in the northeast corner of the Subject Property. **Adjacent Parcels:** No significant changes.
1960	Fair	**Subject Property:** No significant changes. **Adjacent Parcels:** No significant changes.
1964	Good	**Subject Property:** There is no structure or materials pile present in the northeast corner any longer. **Adjacent Parcels:** No discernible changes.

Year	Quality of Photograph	Observations
1974	Good	**Subject Property:** A large structure is now present in the northeast corner of the Subject Property. **Adjacent Parcels:** A large structure consistent with commercial use is now present adjoining to the south of the Subject Property.
1984	Good to fair	**Subject Property:** A small structure is now present in the central portion of the Subject Property in the general area of the former materials pile. **Adjacent Parcels:** No significant changes.
1989, 1994, 2006, 2011, 2015, and 2019	Good	**Subject Property:** No significant changes. **Adjacent Parcels:** No significant changes.

No concerns were identified at the Subject Property or surrounding properties based on a review of the aerial photographs.

5.3.2. HISTORICAL AND CURRENT SITE OPERATIONS

SESI reviewed the City Directory listings for the years 1972, 1977, 1982, 1987, 1992, 1995, 2000, 2005, 2010, 2014, 2017, and 2020. The City Directory Abstract provides the name and operations at the Subject Property. A summary of previous operators at the Subject Property is presented in **Table 5.3** below.

Table 5.3 - Historical Site Operations

Year	Subject Property Address and Operations			
	418 N Division St.	407 Highland Ave.	425 Highland Ave.	427 Highland Ave.
1972	St Emply Ofc No 80	No listing	No listing	Martin HTG & Air Cond
1977	St Labor Unemplymt	No listing	No listing	Hilnd Indstrl Sup United Mach & Metal
1982	St Labor Unemplymt	No listing	No listing	No listing
1987	Wayne Desalvo Inc. Wayne Printing & Lith	No listing	No listing	Bernand Zipprich
1992	No listing	No listing	Peekskill City Of - Fire Dept – Fire Patrol	No listing
1995	No listing	No listing	No listing	No listing
2000	No listing	No listing	Peekskill City of Contd Fire	Zipprich, Bernard

			Department Peekskill Fire Patrol	
2005	No listing	No listing	No listing	No listing
2010	No listing	No listing	Peekskill Fire Patrol	No listing
2014	No listing	No listing	City of Peekskill	No listing
2017	No listing	No listing	City of Peekskill	No listing
2020	No listing	No listing	Peekskill Fire Patrol	No listing

Property records from the City of Peekskill indicate that 407 Highland Avenue (Property Identifier 23.78-1-10) previously was addressed as 407-419 Highland Avenue. The City Directories identified the following operations at 411 Highland Avenue:

Year	Operations
1972	Light Steam Laundry
1977	C&C Cleaners
1982	Highlnd Stm Ldry
1987	Wht Pln Coat&Apron
1992	White Plains Coat & Apron Co White Plains Linen
1995	White Plains Coat & Apron Co White Plains Linen
2000	No listing
2005	
2010	
2014	
2017	
2020	

Listings at the Subject Property identified printing and lithography operations in 1987 (**REC-6**), industrial supply and machine/metal working in 1977 (**REC-4**), and fire department operations from 1992 through 2020 (**REC-7**). Based on available information it is unclear if the printing and lithography business included actual printing operations or was simply offices for a printing company.

SESI also reviewed City Directory listings for surrounding properties. The following former uses were identified:

- The H&S Machine Co (1972) and Choice Plbg & Heatg were identified at 421 North Division Street, located approximately 250 upgradient from the Subject Property. This facility was not identified on any databases discussed in Section 5.1.1. Therefore, based on the distance and lack of any reportable discharges, this facility is not of concern.
- United Cleaners and Dyr was identified in the 1972 City Directory at 320 Highland Ave, which is located approximately 180 feet downgradient to the southwest of the Subject Property. This facility was not identified on any databases discussed in Section 5.1.1. Temporary well TW-3, installed on-site during the Phase II ESA, did not contain chlorinated volatile organic compounds (CVOCs) above the applicable standard. Therefore, this facility is not of concern.

5.3.3. USGS TOPOGRAPHIC MAPS

Following is a summary of the EDR review of Topographic Map Reports:

Table 5.4—Topographic Map Review

Source	Year	Minute	Scale
West Point	1892, 1894, 1899, 1901	15	62500
West Point	1936	15	48000
West Point	1941	15	62500
West Point	1946	15	50000
Peekskill	1947	7.5	24000
Peekskill	1950	7.5	25000
Peekskill	1957, 1981, 2013, 2016, and 2019	7.5	24000

A review of these topographic maps suggests a portion of the Subject Property was developed prior to 1892 when small structures were identified at the northeast and southwest corners of the Subject Property. The topographic maps depict the Subject Property with an approximate elevation of 190 feet above msl. Regional topography slopes downward to the southwest. No wetlands were noted on the maps within or adjacent to the Subject Property.

5.3.4. SANBORN FIRE INSURANCE MAPS

The Subject Property is covered on twelve (12) Sanborn maps 1887, 1895, 1900, 1905, 1911, 1923, 1941, 1950, 1958, 1964, 1971, and 1972 described below:

Table 5.5—Sanborn Map Review

Year	Quality of Map	Observations
1887	Fair	**Subject Property:** The Subject Property is improved with a carpentry shop in the southern on-site building. The northern portion of the Subject Property appears to be in an unmapped area. **Adjacent Parcels:** Several dwellings are depicted in the surrounding area.
1895	Good	**Subject Property:** The Subject Property is bound to the north by Constant (type of road not indicated), Highland Avenue to the west, and Hillside Ave to the east. The Subject Property is improved with a two-story dwelling along Hillside Avenue. The carpentry shop in the southern portion of the Subject Property is indicated as having steam power. No USTs are depicted. **Adjacent Parcels:** A blacksmith is located west across Highland Street from the southwest corner of the Subject Property. The remaining structures in the surrounding area are all residential dwellings.
1900	Good	**Subject Property:** The on-site dwelling has been expanded and is now indicated for commercial use (H H Muxlow Truckman). The fuel source for the carpentry shop in the southern portion of the Subject Property is indicated as coal. **Adjacent Parcels:** The blacksmith is no longer depicted to the west of the southwest corner of the Subject Property. A two story structure is now present adjoining to the south of the Subject Property and several additional dwellings are depicted further south along Orchard (the type of road is not indicated).
1905	Fair	**Subject Property:** The northern structure on-site formerly occupied by H H Muxlow Truckman is no longer depicted. **Adjacent Parcels:** A larger structure for apparent commercial use is present south of the Subject Property; however, due to the copy of the map, the use cannot be discerned. Several additional residential structures are now present in the surrounding area.
1911		**Subject Property:** The Subject Property has been improved. Two additional structures are now present adjoining to the north of the carpentry shop along Highland Street and are indicated as furniture storage and mill storage. These are associated with the C.A. Lamos Son Sash and Blind Factory. Another structure is now depicted on the northern portion of the Subject Property at 961 Constant Ave and is indicated as the Van Cortland Dairy

Year	Quality of Map	Observations
		Co. which manufactures milk and ice cream products. The fuel source for the building is indicated as coal and the southern portion of the structure is indicated as an automobile shed. **Adjacent Parcels:** No significant changes.
1923	Fair	**Subject Property:** The Subject Property has been improved. A structure in the northwest corner is indicated as a garage (959 Constant Ave). An additional structure is now present along Highland Avenue; three are used for offices and storage while the former carpentry shop is indicated as an automobile warehouse. **Adjacent Parcels:** A large commercial structure is now located diagonally opposite from the northwest corner of the Subject Property; however, due to the clarity of the map, its' use cannot be discerned. The commercial structure south of the Subject Property is no longer depicted.
1942	Fair	**Subject Property:** The northwest structure (959 Constant Ave) is indicated as the Peekskill Motor Bus Corporation and the southern structure (previously indicated as an automobile warehouse) is now the Highland Laundry Service. **Adjacent Parcels:** No significant changes.
1950	Fair	**Subject Property:** The structure to the south of the garage at the northwest corner is now indicated as a Fire Department (421 Highland) and a gasoline UST is depicted to the south of this structure. A coal pile is indicated in roughly the center of the Subject Property. The southern structure occupied by the Highland Laundry Service has been expanded (411-419 Highland), appears to be interconnected, and is indicated as being a steam laundry. **Adjacent Parcels:** Two gasoline USTs are depicted in Highland Street near the northwest corner of the Subject Property. A gasoline tank is depicted to the west of the Subject Property associated with a 20-car capacity garage. A filling station with four gasoline USTs depicted is located southwest of the Subject Property at the northwest corner of the intersection of Highland Street and Orchard. An additional filling station with three gasoline USTs is depicted south of the Subject Property located at the northeast corner of the intersection of Highland Street and Orchard. A large commercial structure is present directly opposite to the northwest of the Subject Property that is used for welding (other uses cannot be discerned

Year	Quality of Map	Observations
		based on the quality of the map). A gasoline UST is depicted east of this facility within Highland Street.
1958	Good	**Subject Property:** The Highland Laundry Service has been expanded at the northeast corner of the building for additional coal storage. **Adjacent Parcels:** The gasoline UST to the west associated with the 20-car garage is no longer depicted. The gasoline USTs at both service stations to the southwest and south of the Subject Property, respectively, are no longer depicted. The structure directly opposite of the northwest of the Subject Property is indicated as a garage.
1964		**Subject Property:** No significant changes. **Adjacent Parcels:** The dwelling directly opposite of the northeast of the northeast corner of the Subject Property is now indicated as being used for stone cutting.
1971		**Subject Property:** The Subject Property has been improved with a large commercial structure in the northeast corner. **Adjacent Parcels:** The parcel adjoining to the south of the Subject Property is now improved with a large commercial structure. The filling station to the south along Orchard is now indicated as parking.
1972		**Subject Property:** No significant changes. **Adjacent Parcels:** No significant changes.

Based on the review of Sanborn Maps, the following RECs were identified:

- Several gasoline USTs were identified, with one on-site and two adjoining to the west of the northwest corner of the Subject Property (**REC-1**).
- The Subject Property was previously utilized for laundry operations (**REC-2**).
- Numerous on-site structures were heated using coal since at least 1900 and a coal pile and coal storage building were present at the central courtyard from at least 1950-1972 based on the Sanborn maps (**REC-3**).
- The southern structure on-site was also previously used as a carpentry shop and automobile warehouse (**REC-4**).
- The northwestern structure was previously utilized as a bus garage (**REC-5**).
- The Subject Property also previously contained a fire house (**REC-7**).

5.4. ENVIRONMENTAL LIEN AND AUL SEARCH REPORT

A title report prepared by Atlantic title Agency II LLC dated November 5, 2024 was reviewed. Based on the report, an environmental lien or AUL was not identified. The title report is attached as **Appendix A**.

5.5. ENVIRONMENTAL PERMITS

Review of the EDR Radius Map Report for the Subject Property indicates no environmental permits attributed to the Subject Property. EDR Reports are provided in **Appendix B**.

6.0 SITE RECONNAISSANCE

6.1. METHODOLOGY AND LIMITING CONDITIONS

During the Phase II field activities, environmental professionals from SESI conducted reconnaissance of the Subject Property to identify potential RECs. The Subject Property was observed from exterior and interior locations at the time of the reconnaissance. An inspection photolog is attached to this Report as **Appendix E.**

6.2. SUBJECT PROPERTY OBSERVATIONS

The property features seven abandoned buildings, including interconnected structures on Lots 9 and 10. Lot 10 contains a two-story stone building to the north, with three interconnected buildings (ranging from 1 to 3 stories) to the south. The site also includes a courtyard, an asphalt-paved parking area, and driveways along Highland and Constant Avenues. The property slopes downward toward the west.

Uncontained waste and debris were found throughout the site, including in the courtyard and the hallways connecting the interconnected buildings. Minor oil and vehicle fluid stains were observed in the Constant Avenue parking area, but no significant concerns or findings were noted.

The two-story building west of the parking area contained several mostly empty 55-gallon plastic drums of unknown contents. SESI did not observe staining around the areas these were staged. Several drainage-like trenches, approximately 2 feet wide, 8 feet long, and 2 feet deep, were observed in the southern section of the building, along with a sump in the southwestern corner near the connection to the adjacent three-story structure. The first floor contained general garbage and debris, but no notable concerns.

The three-story building, interconnected with the two-story structure, was abandoned with no significant staining or environmental issues. Its basement held debris, asbestos floor tiles, and signs of old boreholes, but no additional concerns were identified. The one-story warehouse-style building at the corner of Constant Avenue and Highland Avenue contained several cylindrical steel gas containers of unknown type and volume, as well as stockpiles of steel, tiles, wood, and demolition debris in wheeled totes. No significant staining or environmental concerns were observed around the building. No evidence of additional environmental concerns such as active

or abandoned tanks, notable staining areas, or hazardous materials were identified in other areas of the site during the reconnaissance.

6.3. CHEMICAL STORAGE AND USAGE

SESI observed several 55-gallon drums and compressed gas cylinders with unknown contents throughout the Subject Property (**BER-1**).

6.4. BULK STORAGE TANKS

SESI personnel did not observe evidence of bulk storage tanks at the Subject Property during the site reconnaissance. However, several suspected or historic USTs and ASTs were identified at the Subject property, as discussed throughout this report.

6.5. SUBJECT PROPERTY WASTE AND WASTEWATER

SESI did not observe any waste or wastewater present at the time of the Subject Property reconnaissance.

6.6. STAINED SOIL, STAINED PAVEMENT, OR STRESSED VEGETATION

SESI did not observe any indications of stained soil, or stressed vegetation. Minor isolated oil or mechanical fluid stains, likely from vehicles previously parked or staged, were observed in the asphalt paved parking area along Constant Avenue.

6.7. PITS, PONDS, OR LAGOONS

No pits, ponds, or lagoons were identified during the inspection.

6.8. WELLS

SESI did not observe any monitoring wells, dry wells, irrigation wells, injection wells, potable water wells, recovery wells, or abandoned wells on the Subject Property.

6.9. FLOOR DRAINS AND SUMPS

SESI observed several floor linear drains in the central and southern portions of the two-story stone building(s) west of the asphalt paved parking area along Constant Ave. A sump was also

identified in the southwestern portion, near Sb-101, of the two-story building; Interiors were not inspected during the Subject Property reconnaissance.

6.10. PCB-CONTAINING MATERIAL, INCLUDING CAULK

There was one pad-mounted transformer identified on-site. Soil boring SB-105 was advanced in the general area of the transformer and PCBs were not detected. Although the PCB contents could not be verified for any transformer based on existing labeling; however, no discharges were identified. There are several pole-mounted transformers along the northern property boundary; however, no evidence of a discharge was identified. There are likely several areas in which caulking is also present; therefore, a PCB survey is recommended for caulking. This is considered **BER-2**.

6.11. ASBESTOS-CONTAINING MATERIAL

ACM surveying was not included in SESI's scope of work. An asbestos survey was conducted by DVD Environmental Inc. (DVD) in November 2024. The ACM identified on-site consisted of 9"x9" vinyl floor tiles in 407 Highland Avenue and 418 North Division Street and façade transite panels, and roof flashing tar/felt under the EPDM roof at 425 and 427 Highland Avenue. The presence of ACM is considered **BER-3**.

6.12. RADON

Radon surveying was not included in SESI's scope of work; however, based on the age of the facility, a radon survey may be considered. However, the Subject Property is located in the Peekskill, which is in EPA Radon Zone 3. This zone contains counties with the "lowest potential; average indoor radon levels may be less than 2 pCi/L (picocuries per liter)." Therefore, radon is not expected to adversely impact the Subject Property.

6.13. UNIVERSAL WASTE

There were several pieces of universal waste throughout the buildings. Therefore, this universal waste should be properly disposed of prior to redevelopment. This is considered **BER-4**.

6.14. CONCRETE

Concrete may be disturbed as part of the redevelopment of the property. Therefore, sampling of any stained concrete is recommended prior to disposal. This is considered **BER-5**.

6.15. LEAD-BASED PAINT

LBP surveying was not included in SESI's scope of work; however, based on the age of the facility, and LBP survey is recommended. This is considered **BER-6**.

6.16. VAPOR INTRUSION

Vapor intrusion is a concern at the Subject Property based on the analytical results from the Phase II ESA. In SV-2, PCE and TCE were detected at concentrations exceeding the NY-SSC. Notably, PCE was detected at a concentration slightly over 10x of NY-SSC.

7.0 DATA GAPS

Based on a review of the available documentation, the following data gaps have been identified:

- FOIL request responses from the town and county have not been received as of the date of this report.

8.0 FINDINGS

Based on our investigation, we conclude that there is evidence to indicate areas of potential environmental concern on the Subject Property. See ***Section 10.0 CONCLUSIONS*** of this Report.

9.0 OPINIONS

In our professional judgment, the scope and character of our environmental assessment were sufficient to justify the stated conclusions, after giving due consideration to the purpose of the investigation, the data reviewed, the background history of the Subject Property as found in historical records, and visual observation of the Subject Property.

10.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the investigation, it is concluded that there is evidence to indicate areas of recognized environmental concern on the Subject Property and that additional investigation of these areas is warranted. The conclusions and recommendations in this regard are as follows:

- **REC-1 ASTs and USTs (On-site and Off-site):** The Subject Property is identified as Highland Light Steam Laundry/White Plains Linen on the UST database with Site ID No. 3-800121 with the following tank information:

Tank ID	Size	Contents	Status	Date
005	1,000	No. 2 Fuel Oil	Closed-Removed	10/20/2014

The Subject Property is identified as Highland Light Steam Laundry/White Plains Linen on the AST database with Site ID No. 3-800121 with the following tank information:

Tank ID	Size (gal)	Contents	Status	Date
002	275	No. 2 Fuel Oil	Administratively Closed	1/1/1900*
003	275	No. 2 Fuel Oil	Administratively Closed	1/1/1900*
004	550	No. 2 Fuel Oil	In-service	2/1/1978
006	8,000	No. 2 Fuel Oil	In-service	10/1/1968

* - The AST was not closed on 1/1/1900, this date is used as a placeholder when the actual date is not provided. Based on available information, the tanks were installed on August 1, 1989.

The Subject Property was also identified as Highland Light Steam Laundry Inc. on the AST database with Site ID No. 3-000007 with the following tank information:

Tank ID	Size (gal)	Contents	Status	Date
007	550	Not reported	Closed/Removed	10/17/2010
008	800	Not reported	Closed/Removed	1/5/2011
009	500	Not reported	Closed/Removed	9/1/2003

The Subject Property was also identified on the CBS AST database with CBS No. 3-000007 for a 550-gallon AST that contained sodium hypochlorite which is reported as in service.

Spill No. 1408577 was reported when soil contamination was identified during the closure of a 550-gallon UST (this does not correlate with the UST database data above). Additional information in the narrative indicates that a 1,000-gallon UST was removed from the sidewalk and that an additional tank was suspected to be in the nearby area due to a "magnetic survey". Based on available information, the impacted soils were remediated, and the spill was closed. Therefore, the potential remains for additional USTs to be present in the sidewalk.

A gasoline UST was identified south of the on-site structure at 421 Highland Avenue (most recently utilized as a Fire House) in the 1950 Sanborn map. In addition, two gasoline USTs are depicted in Highland Street near the northwest corner of the Subject Property. **Further investigation of REC-1 is recommended to investigate the current and former tank systems, evaluate for potential additional USTs, and evaluate for potential discharges.**

- **REC-2 Former On-site Laundry Operations:** The majority of the on-site structure was used for industrial laundry operations beginning in at least 1942, with operations starting in the southernmost structure and eventually occupying a majority of the interconnected on-site buildings. These on-site laundry operations utilized a variety of cleaning solvents and detergents and utilized floor drains, trench drains, and other large-scale drainage features below former laundry equipment. The on-site laundry operations were coal-powered, and a large coal storage area was previously located in the central portion of the Subject Property.

  This building was occupied by White Plains Linen, Highland Steam Landry, C&C Cleaners, and White Plains Coat & Apron Co. The Subject Property was identified as White Plains Linen at 411 Highland Avenue on the USEPA's Envirofacts website. The Air Program Information indicates that tetrachloroethene (PCE) was used on-site. Soil vapor sample SV-2, collected in the northern portion of the southern building during the recent Phase II ESA, identified elevated concentrations of both PCE and trichloroethene (TCE), suggesting a potential source area. **Therefore, further investigation of the soil, groundwater, and soil vapor is recommended for REC-2.**

REC-3 Former Coal Storage and Use: The 1900 Sanborn Map indicates the southern on-site structure (427 Highland Avenue) was powered using coal. The 1911 Sanborn Map shows the former Van Cortland Dairy Co. structure (the northernmost structure on Lot 10) present with coal as a fuel source. Beginning in the 1950 Sanborn map, a coal pile is indicated in the central portion of the Subject Property; however, SESI notes that it is highly likely that coal was staged at this location pre-1950 as a feature consistent with a coal pile was observed in the 1947 aerial photograph in the courtyard. In the 1958 Sanborn Map a coal storage building is depicted north of the boiler room of the southern building with a coal pile still indicated within the courtyard. Coal storage and handling may have resulted in on-site contamination consisting of polynuclear aromatic hydrocarbons (PAHs), coal tar, and creosote. On-site data generated by the recent Phase II ESA identified PAH impacts throughout many areas of the Subject Property, which may be partially attributable to the former coal use and handling. Further, soil borings SB-9, SB-10, SB-102, SB-103, and SB-106 were advanced in the general area of the former coal pile and coal storage building. Analytical results identified certain Volatile Organic Compounds (VOCs), polychlorinated biphenyls (PCBs), and certain metals (including mercury) above the most stringent NYSDEC Soil Cleanup Objective (SCO). Ground water was not encountered in TW-4, advanced on the downgradient side of the courtyard, indicating that ground water is likely encountered within the shallow bedrock in this area of the Subject Property. As noted above, soil vapor sample SV-2, collected in the general area of the former coal storage building during the recent Phase II ESA, identified elevated concentrations of both PCE and trichloroethene (TCE), suggesting a potential source area. **Therefore, further investigation of the soil, groundwater, and soil vapor is recommended for REC-3.**

- **REC-4 Former On-site Carpentry Shop, Metal Shop, Sash and Blind Factory, and Automobile Warehouse:** The southern on-site structure was occupied by a carpentry shop in the 1887 Sanborn map until 1911 when it is indicated as an automobile warehouse. The 1911 Sanborn map indicates the southern structures along Highland Avenue are occupied by the C.A. Lamos Son Sash and Blind Factory. These operations continued until approximately 1942 when the steam laundry operations were depicted on the 1942 Sanborn map. In addition, there appears to have been metal fabrication occurring in this structure sometime between 1972-1977 based on City Directory listings.

Further investigation of the soil, groundwater, and soil vapor related to REC-4 is recommended.

- **REC-5 Former On-site Bus Garage and Trucking Operations:** The northwestern on-site structure was indicated as a garage in the 1923 Sanborn map, as the Peekskill Motor Bus Corp. in the 1942 Sanborn map, and as a garage in the 1950, 1958, 1964, 1971, and 1972 Sanborn maps. A former on-site structure, located roughly where the Fire Department building is located on-site, was indicated as being occupied by a trucking company in the 1900 Sanborn map. This structure was no longer depicted on-site beginning in 1905. Soil samples collected in the area of these former operations identified polynuclear aromatic hydrocarbons (PAHs), pesticides, and metals above the NYSDEC Unrestricted Use Soil Cleanup Objective (USCO). Groundwater samples TW-1 and TW-2 were collected in this area of the Subject Property during the Phase II ESA and identified PAHs and metals above the applicable NYSDEC Ambient Water Quality Standards (AWQS). No soil vapor exceedances were identified. **Further investigation of the soil and groundwater related to REC-5 is recommended.**

- **REC-6 Former On-site Printing and Lithography:** The 1987 City Directory identified Wayne Desalvo Inc./Wayne Printing & Lith at 418 North Division Street, which is located in the northeast corner of the Subject Property on Lot 9. Based on available information, it is unclear if the on-site structure was used for printing operations, office space, or both. The previous listed tenant in the space is the NYS St. Labor Unemployment office. Printing operations may have used solvent, metals, and PFAS. Limited soil testing on Lot 9 during the Phase II ESA identified pesticides above the most NYSDEC's USCOs and polynuclear aromatic hydrocarbons (PAHs) above the NYSDEC's Residential Soil Cleanup Objectives (RSCOs) and/or Restricted Residential Soil Cleanup Objectives (RRSCOs). Groundwater was not encountered in the shallow overburden, indicating that groundwater is likely to be encountered within weathered and/or competent bedrock. No soil vapor samples were collected on Lot 9 during the Phase II ESA. **Further investigation of the soil, groundwater, and soil vapor related to REC-6 is recommended.**

- **REC-7 Former On-site Fire House:** The structure located on Lot 10 (425 Highland Avenue in the City Directories) was constructed sometime between 1911 and 1923 based on the Sanborn maps. The clarity of the Sanborn map in 1923 is poor and the use could

not be determined. The building use is not labelled in the 1942 Sanborn map. In the 1953 Sanborn map the building is indicated as being used as a Fire Department building. Based on City Directory listings, this use continued until at least 2020. The former use of the building for fire department activities may have adversely impacted the subsurface, with potential contaminants of concern including petroleum and PFAS. Two (2) soil samples were collected within the structure near the address side during the recent Phase II ESA; metals were identified above the NYSDEC's USCO and/or RRSCO. Temporary well TW-2 was installed within the fire department building. One VOC, several PAHs, and several metals were detected above their respective NYSDEC's AWQS. In addition, both Perfluorooctanoic Acid (PFOA) and Perfluorooctanesulfonic Acid (PFOS) were detected above the NYSDEC's AWQS; however, although the detections were an order of magnitude higher than the AWQS for both compounds, the concentrations were generally in the order of magnitude typical of urban areas and are not considered indicative of an on-site source. Soil vapor was not evaluated on Lot 10 as part of the Phase II ESA. **Further investigation of the soil, groundwater, and soil vapor related to REC-7 is recommended.**

- **REC-8 Historic Fill:** Historic fill was identified on-site during the Phase II ESA completed on-site by SESI. 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. Based on soil analytical results from the Phase II ESA, PAHs and metals were detected in on-site soils above the most stringent NYSDEC SCOs which appear to be in part due to contaminated historic fill. **Further investigation of the historic fill on-site is recommended.**

- **REC-9 On-site Contamination:** Analytical results from the Phase II ESA identified on-site contamination in soil, groundwater, and soil vapor above the applicable clean up objectives, quality standards, and criteria, respectively. On-site contamination appears to be attributable to both historic on-site operations (**REC-1** through **REC-7**) and contaminated historic fill (**REC-8**). **Further investigation and remediation of on-site contamination is recommended.**

The following HREC has been identified:

- **HREC-1 Former Spills:** A review of the database as provided by EDR identified the Subject Property with the following information:

Name	Spill No.	Closed Date	Material	Volume (gal)
White Plains Linen	0206243	09/16/2002	No. 2 Fuel Oil	10
Coat & Apron Co.	0410072	12/10/2004	No. 2 Fuel Oil	2
White Plains Linen	0809615	1/9/2009	No. 2 Fuel Oil	75
White Plains Linen	1408577	2/2/2022	No. 2 Fuel Oil	Not reported

Limited information is available regarding the nature and response to Spill Nos. 0206243 and 0410072. Spill No. 0809615 was reported when an overfill occurred during a fuel delivery. The overfill of No. 2 fuel oil was not recoverable and dissipated with laundry detergents into the sanitary sewer. Based on this, the spill was closed.

Spill No. 1408577 was reported when soil contamination was identified during the closure of a 550-gallon UST (this does not correlate with the UST database data above). Additional information in the narrative indicates that a 1,000-gallon UST was removed from the sidewalk and that an additional tank was suspected to be in the nearby area due to a “magnetic survey”. Based on available information, the impacted soils were remediated, and the spill was closed.

Spill No. 0302563 was reported on June 10, 2003 when a backhoe was excavating for a gas leak and hit a sewer connection, causing spill of unknown material into a catch basin. The spill was closed the following day on June 11, 2003.

No further investigation or remediation is required for these former spills that received regulatory closure.

The following BERs have been identified:

- **BER-1 Drums and Compressed Gas Cylinders:** SESI observed several 55-gallon drums with unknown contents throughout the Subject Property. <u>The drum contents should be evaluated, and the drums and compressed gas cylinders should be properly disposed of off-site.</u>

- **BER-2 PCB-Containing Material (Including Caulk - All Buildings):** A survey for PCB caulk was not completed. However, based on the age of the building, a PCB survey is recommended for caulk.
- **BER-3 Asbestos Containing Material (ACM):** ACM surveying was not included in SESI's scope of work. An asbestos survey was conducted by DVD Environmental Inc. (DVD) in November 2024. The ACM identified on-site consisted of 9"x9" vinyl floor tiles in 407 Highland Avenue and 418 North Division Street and façade transite panels, and roof flashing tar/felt under the EPDM roof at 425 and 427 Highland Avenue. All ACM should be abated prior to any demolition activity by a licensed Asbestos Abatement Contractor according to all applicable rules and regulations.
- **BER-4 Universal Waste:** There were several pieces of universal waste throughout the buildings. Therefore, this universal waste should be properly disposed of prior to redevelopment.
- **BER-5 Concrete:** Concrete may be disturbed as part of the redevelopment of the property. Therefore, sampling of any stained concrete is recommended prior to disposal.
- **BER-6 Lead Based Paint (LBP):** LBP surveying was not included as part of this Phase I Environmental Site Assessment. However, based on the age of the structures located on the Subject Property, the possibility of presence of LBP cannot be ruled out. Therefore, an LBP survey is recommended.

A figure showing the locations of the RECs identified at this Subject Property is included as **Figure 10.1.**

11.0 DEVIATIONS

This Report was prepared with no significant deviation from ASTM Standard Practice E1527-21.

12.0 REFERENCES

Environmental Data Resources, Inc. – “Certified Sanborn Map Report”, Inquiry No. 7846483.8, dated December 11, 2024

Environmental Data Resources, Inc. – “EDR – Historical Topographic Map Report”, Inquiry No. 7846483.4, dated December 11, 2024

Environmental Data Resources, Inc. – “The EDR Aerial Photo Decade Package”, Inquiry No. 7846483.8, dated December 11, 2024

Environmental Data Resources, Inc. – “The EDR Radius Map Report”, Inquiry No. 7846483.2s, dated December 11, 2024

Environmental Data Resources, Inc. – “The EDR – City Directory Abstract”, Inquiry No. 7846483.5, dated December 13, 2024

13.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

As required in 40 CFR 312.21(d), this section includes statements made by the environmental professional conducting this assessment.

“I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR Part 312.”

“I declare that I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property.”

“I have developed and performed the ‘all appropriate inquiry’ in conformance with the standards, limitations, and practices set forth in 40 CFR Part 312.”

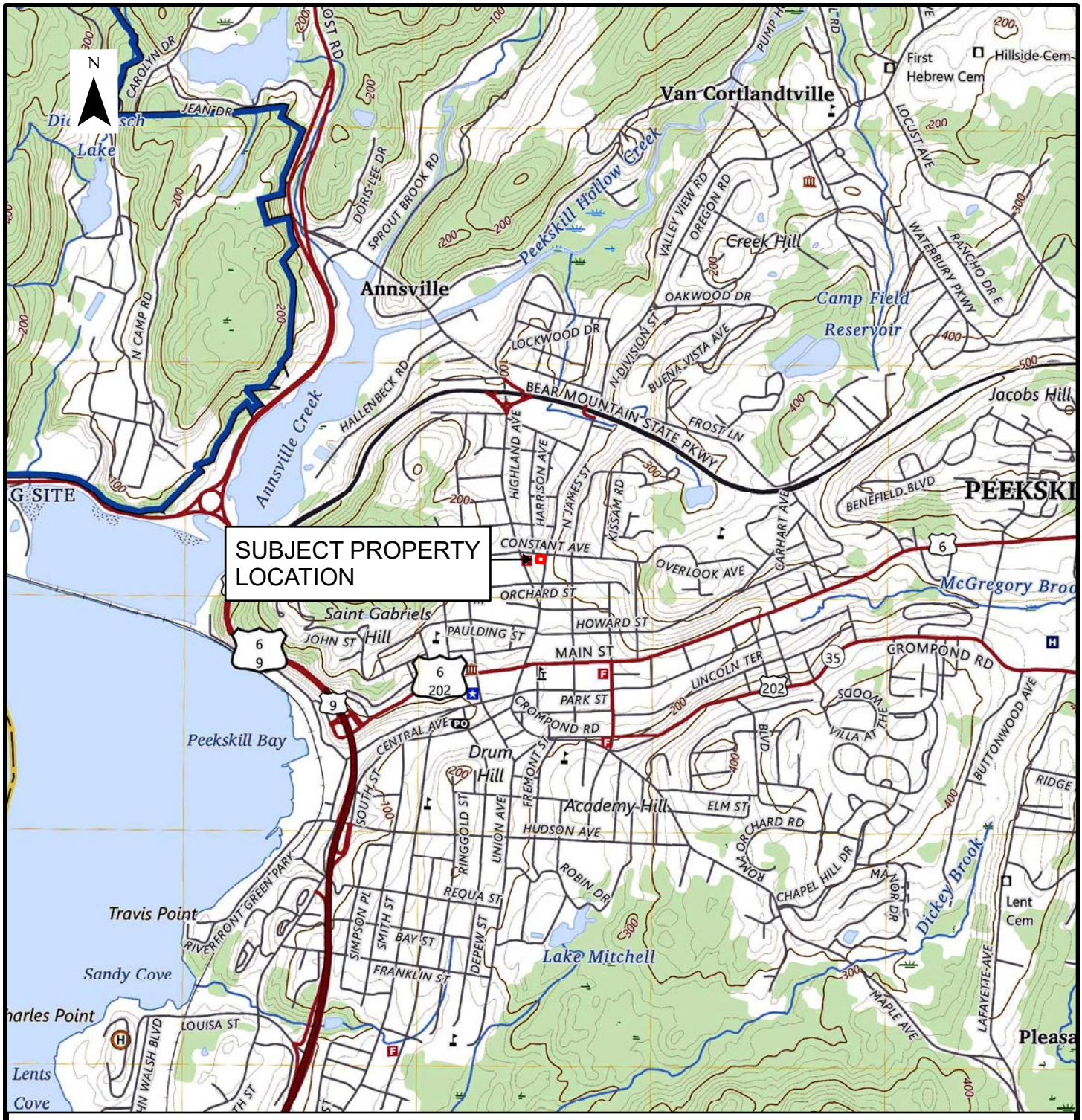
This Report incorporates the consultant's best professional judgment in conductance of this Phase One Environmental Site Assessment.

SESI CONSULTING ENGINEERS

_____

Fuad Dahan, PE
Principal
July 1, 2025

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

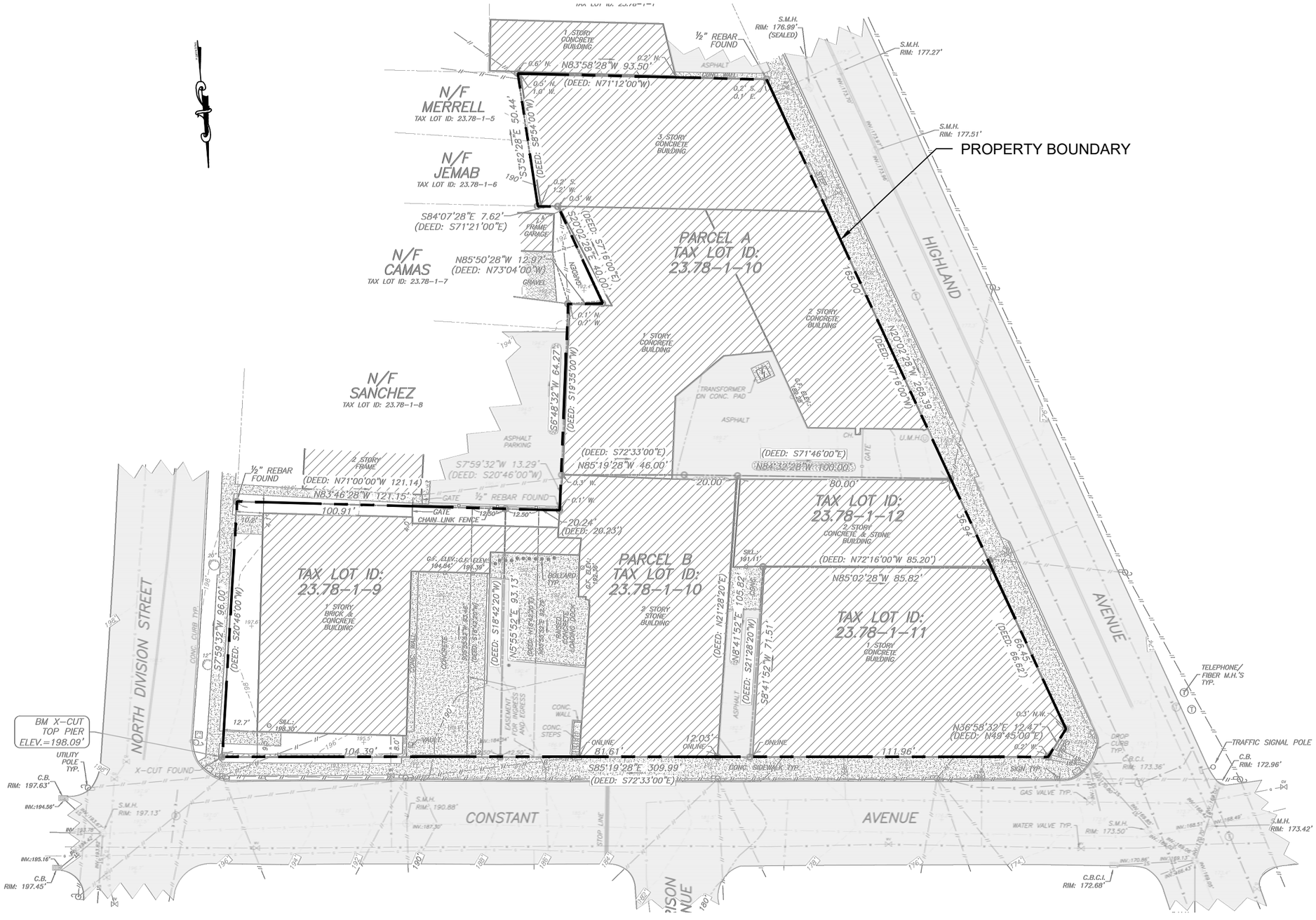
418 NORTH DIVISION STREET
BLOCK 1, LOT 9
PEEKSKILL, NY

SUBJECT PROPERTY LOCATION MAP

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

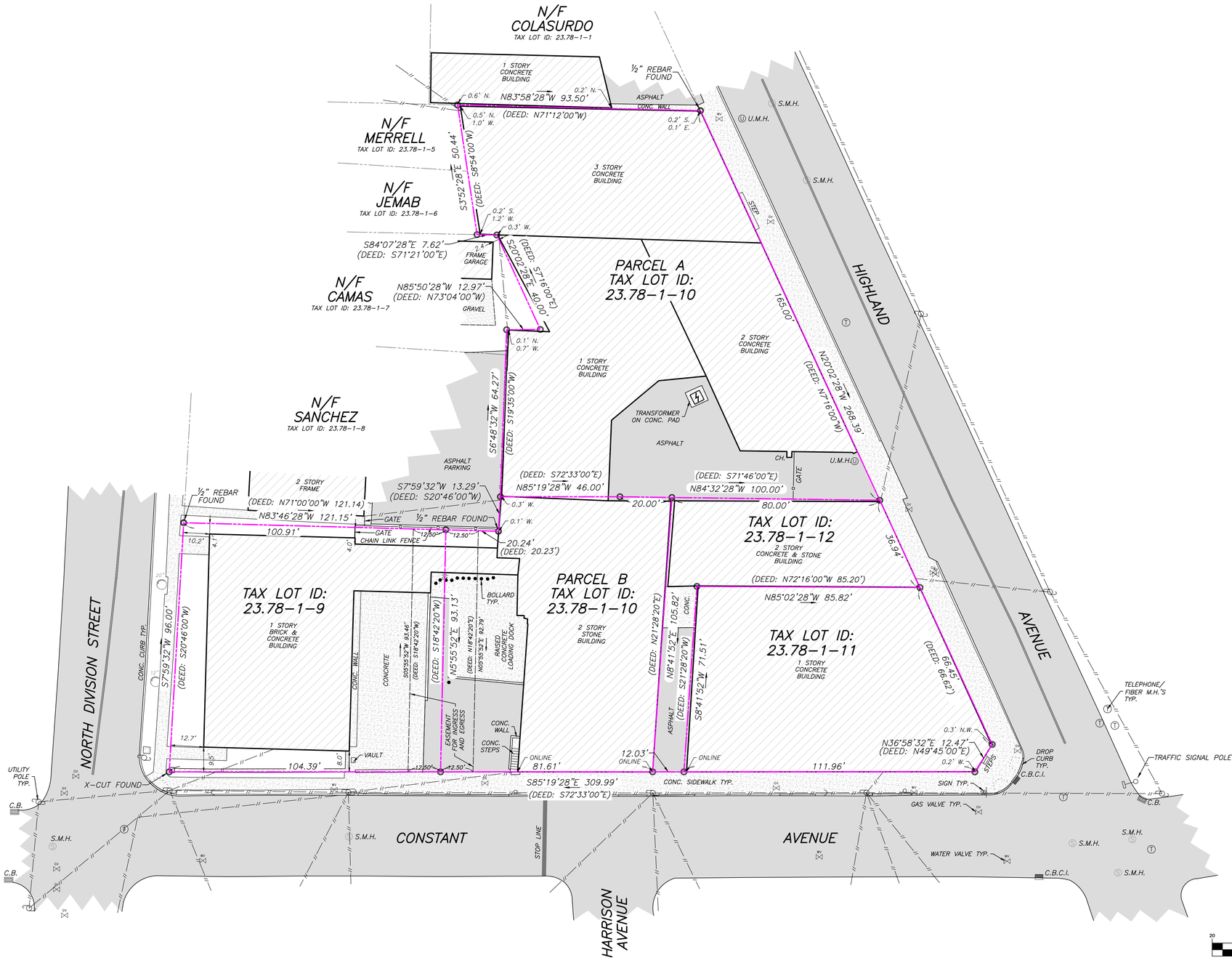
FIG-1.1
DRAWN BY: KBV
CHECKED BY: CM
SCALE: AS NOTED
DATE: 3/14/2025
JOB NO: 13904

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


PROPERTY BOUNDARY
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
1 STORY CONCRETE BUILDING
3 STORY CONCRETE BUILDING
2 STORY CONCRETE BUILDING
1 STORY BRICK & CONCRETE BUILDING
3 STORY STONE BUILDING
2 STORY CONCRETE & STONE BUILDING
1 STORY CONCRETE BUILDING
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)
(DEED: S20°02'28"E 40.00')
(DEED: S7°16'00"E)
S6°48'32"W 64.27'
(DEED: S19°35'00"W)
N20°02'28"W 268.39'
(DEED: N7°16'00"W)
165.00'
(DEED: S72°33'00"E)
N85°19'28"W 46.00'
S7°59'32"W 13.29'
(DEED: S20°46'00"W)
(DEED: N71°00'00"W 121.14')
N83°46'28"W 121.15'
100.91'
S7°59'32"W 96.00'
(DEED: S20°46'00"W)
104.39'
S85°19'28"E 309.99'
(DEED: S72°33'00"E)
(DEED: S71°46'00"E)
N83°32'28"W 100.00'
20.00
80.00'
20.24'
(DEED: 20.23')
(DEED: S18°42'20"W 93.13')
N5°55'52"E 93.13'
(DEED: N21°28'20"E 105.82')
N8°41'52"E 105.82'
S8°41'52"W 71.51'
(DEED: S21°28'20"W)
N85°02'28"W 85.82'
(DEED: N72°16'00"W 85.20')
66.45'
(DEED: 66.62')
N36°58'32"E 12.47'
(DEED: N49°45'00"E)
111.96'
81.61'
12.05'
ONLINE
ONLINE
ONLINE
35.94'
S.M.H.
RIM: 176.99'
(SEALED)
S.M.H.
RIM: 177.27'
S.M.H.
RIM: 177.51'
½" REBAR FOUND
½" REBAR FOUND
½" REBAR FOUND
X-CUT FOUND
BM X–CUT
TOP PIER
ELEV.=198.09'
HIGHLAND
AVENUE
NORTH DIVISION STREET
CONSTANT
AVENUE
TRANSFORMER ON CONC. PAD
ASPHALT
ASPHALT PARKING
GRAVEL
GRAVEL
GATE
GATE
CHAIN LINK FENCE
BOLLARD TYP.
CONC. WALL
CONC. STEPS
CONC. SIDEWALK TYP.
CONC. CURB TYP.
DROP CURB TYP.
SIGN TYP.
GAS VALVE TYP.
WATER VALVE TYP.
STOP LINE
VAULT
UTILITY POLE TYP.
TELEPHONE/ FIBER M.H.'S TYP.
TRAFFIC SIGNAL POLE
C.B. RIM: 197.63'
C.B. RIM: 197.45'
C.B.C.I. RIM: 173.36'
C.B. RIM: 172.96'
C.B.C.I. RIM: 172.68'
S.M.H. RIM: 197.13'
S.M.H. RIM: 190.88'
S.M.H. RIM: 173.50'
S.M.H. RIM: 173.42'
INV.:194.56'
INV.:185.16'
INV.:187.30'
INV.:168.51'
INV.:168.45'
INV.:168.13'
INV.:168.07'
INV.:169.00'
INV.:170.86'
1 STORY FRAME
2 STORY FRAME
FRAME GARAGE
G.F. ELEV.: 194.64'
G.F. ELEV.: 191.39'
SILL: 191.11'
SILL: 198.30'
0.6' N.
0.2' N.
0.5' N.
1.0' W.
0.2' S.
0.1' E.
0.2' S.
1.2' W.
0.3' W.
0.1' N.
0.7' W.
0.3' W.
0.1' W.
0.3' N.W.
0.2' W.
U.M.H.
CH.
GATE
12.7'
12.50'
12.50'
10.8'
20'
12'
8.0'
9.6'
9.5'
9.2'
9.3'
9.4'
9.5'
9.6'
9.7'
9.8'
9.9'
10.0'
10.1'
10.2'
10.3'
10.4'
10.5'
10.6'
10.7'
10.8'
10.9'
11.0'
11.1'
11.2'
11.3'
11.4'
11.5'
11.6'
11.7'
11.8'
11.9'
12.0'
12.1'
12.2'
12.3'
12.4'
12.5'
12.6'
12.7'
12.8'
12.9'
13.0'
13.1'

Appendix A:

Topographic Survey of Property Prepared by Geologic Land Surveying, PLLC



GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

AREAS:

TAX LOT 23.78-1-9: 0.223 AC., 9701 S.F.
TAX LOT 23.78-1-10A: 0.389 AC., 16450 S.F.
TAX LOT 23.78-1-10B: 0.198 AC., 8640 S.F.
TAX LOT 23.78-1-11: 0.169 AC., 7378 S.F.
TAX LOT 23.78-1-12: 0.089 AC., 3864 S.F.

SURVEYORS CERTIFICATION

CERTIFICATIONS INDICATED HEREON SIGNIFY THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS, INC. CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THIS SURVEY WAS PREPARED AND ON HIS BEHALF TO THE TITLE CO. AND LENDING INSTITUTION LISTED HEREON. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

STATE OF NEW YORK
EVAN JAMES FOGLE
050873
LICENSED LAND SURVEYOR

EVAN J. FOGLE, P.L.S.
N.Y.S. LICENSE NO. 50873

GEOLOGIC LAND SURVEYING, PLLC
MOUNT KISCO, NY | NEW FAIRFIELD, CT.
P: 914-864-1550 | 914-400-4717
WWW.GEOLOGICLS.COM
GEOLOGICLS@GMAIL.COM

FIELD PARTY: EB DRAWN BY: EF CHECKED BY: EF

SURVEY OF PROPERTY

PREPARED FOR

418 NORTH DIVISION STREET LLC

BEING
TAX LOT NoS. 9,10,11,&12
ALSO KNOWN AS
418 N. DIVISION STREET
407 HIGHLAND AVE
425 HIGHLAND AVE
427 HIGHLAND AVE
SITUATE IN
CITY OF PEEKSKILL WESTCHESTER CO., N.Y.
SCALE: 1" = 20' NOVEMBER 7, 2024

COPYRIGHT © 2024 GEOLOGIC LAND SURVEYING, PLLC ALL RIGHTS RESERVED

CERTIFIED TO:

1. 418 NORTH DIVISION STREET LLC
2. ATLANTIC TITLE AGENCY II LLC
3. OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY
4. TITLE NO. ALORT-26118W
5. TOMPKINS COMMUNITY BANK

REVISIONS / ADDITIONS

DATE	DESCRIPTION	BY

GENERAL NOTES

- THE ALTERATION OF SURVEY MAPS BY ANYONE OTHER THAN THE ORIGINAL PREPARER IS MISLEADING, CONFUSING AND NOT IN THE GENERAL WELFARE AND BENEFIT OF THE PUBLIC. LICENSED LAND SURVEYORS SHALL NOT ALTER SURVEY MAPS, SURVEY PLANS OR SURVEY PLATS PREPARED BY OTHERS.
- UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION # 7209 OF THE NEW YORK STATE EDUCATION LAW.
- THE LOCATION OF UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS, IF ANY EXIST OR ARE SHOWN HEREON ARE NOT CERTIFIED.
- ALL CERTIFICATIONS HEREON ARE VALID FOR THIS MAP AND COPIES THEREOF ONLY IF SAID MAP OR COPIES BEAR THE IMPRESSED SEAL OF THE SURVEYOR WHOSE SIGNATURE APPEARS HEREON.
- THIS MAP MAY NOT BE USED IN CONNECTION WITH A "SURVEY AFFIDAVIT" OR SIMILAR DOCUMENT, STATEMENT OR MECHANISM TO OBTAIN TITLE INSURANCE FOR ANY SUBSEQUENT OR FUTURE GRANTEES.

Z:\JOBS\WESTCHESTER COUNTY\PEEKSKILL\23.78-1-9 418 N. DIVISION STREET 2024\

Appendix B:

Environmental Data Resources, Inc. Reports

418 North Division Street

418 North Division Street

Peekskill, NY 10566

Inquiry Number: 7846483.8

December 11, 2024

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

12/11/24

Site Name:

418 North Division Street
418 North Division Street
Peekskill, NY 10566
EDR Inquiry # 7846483.8

Client Name:

SESI Consulting Engineers
959 Route 46E 3rd Floor
Parsippany, NJ 07054
Contact: Annmarie Yannaco

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	*Scale*	*Details*	*Source*
2019	1"=500'	Flight Year: 2019	USDA/NAIP
2015	1"=500'	Flight Year: 2015	USDA/NAIP
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1994	1"=500'	Acquisition Date: April 04, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: April 20, 1989	NYDOT
1984	1"=500'	Flight Date: March 26, 1984	USDA
1974	1"=500'	Flight Date: October 24, 1974	USDA
1964	1"=500'	Flight Date: March 23, 1964	USGS
1960	1"=500'	Flight Date: April 01, 1960	PLAN
1958	1"=500'	Flight Date: August 05, 1958	USGS
1954	1"=500'	Flight Date: April 13, 1954	Jack
1947	1"=500'	Flight Date: March 31, 1947	USGS
1940	1"=500'	Flight Date: April 02, 1940	EDR Proprietary Aerial Viewpoint

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

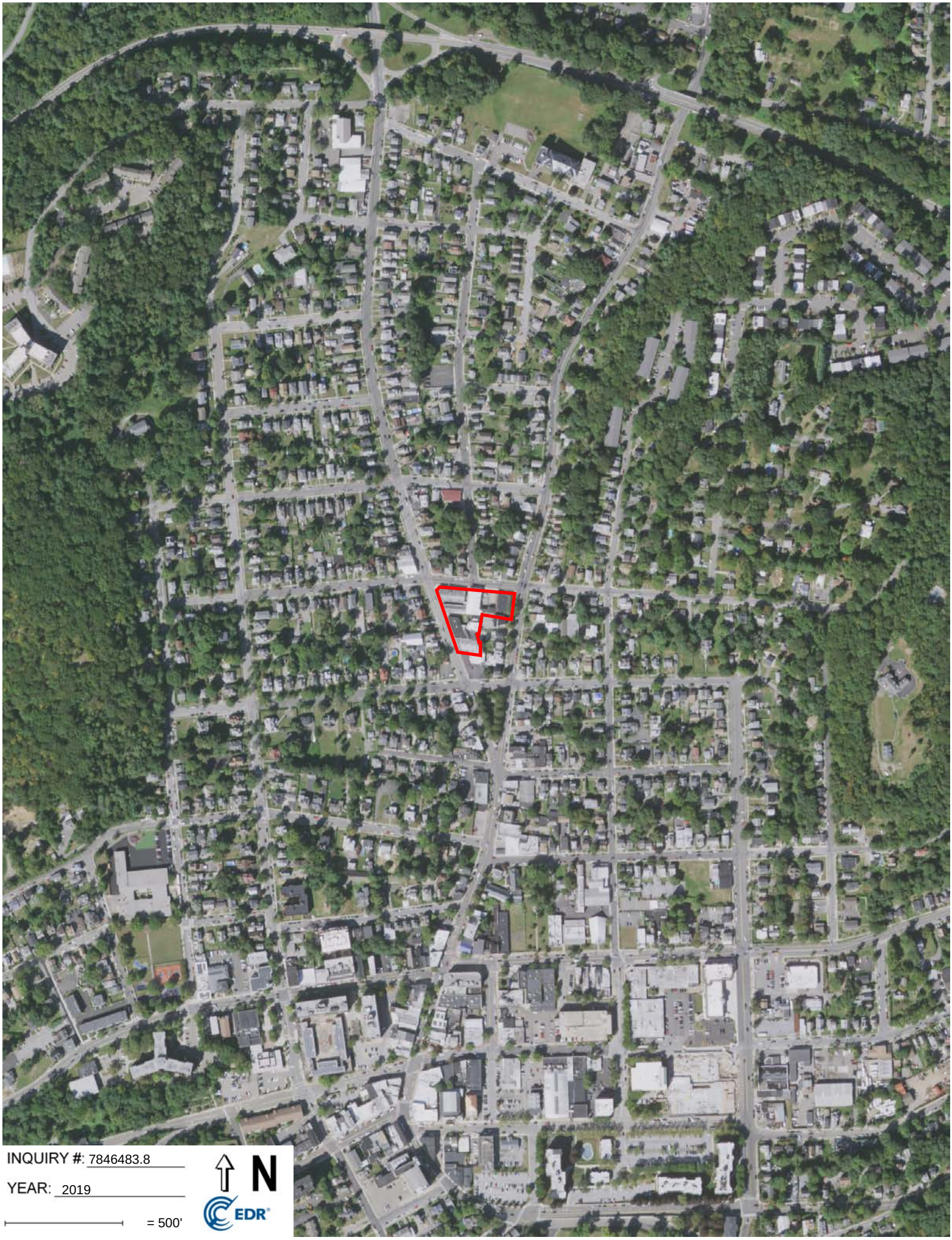
Disclaimer - Copyright and Trademark Notice

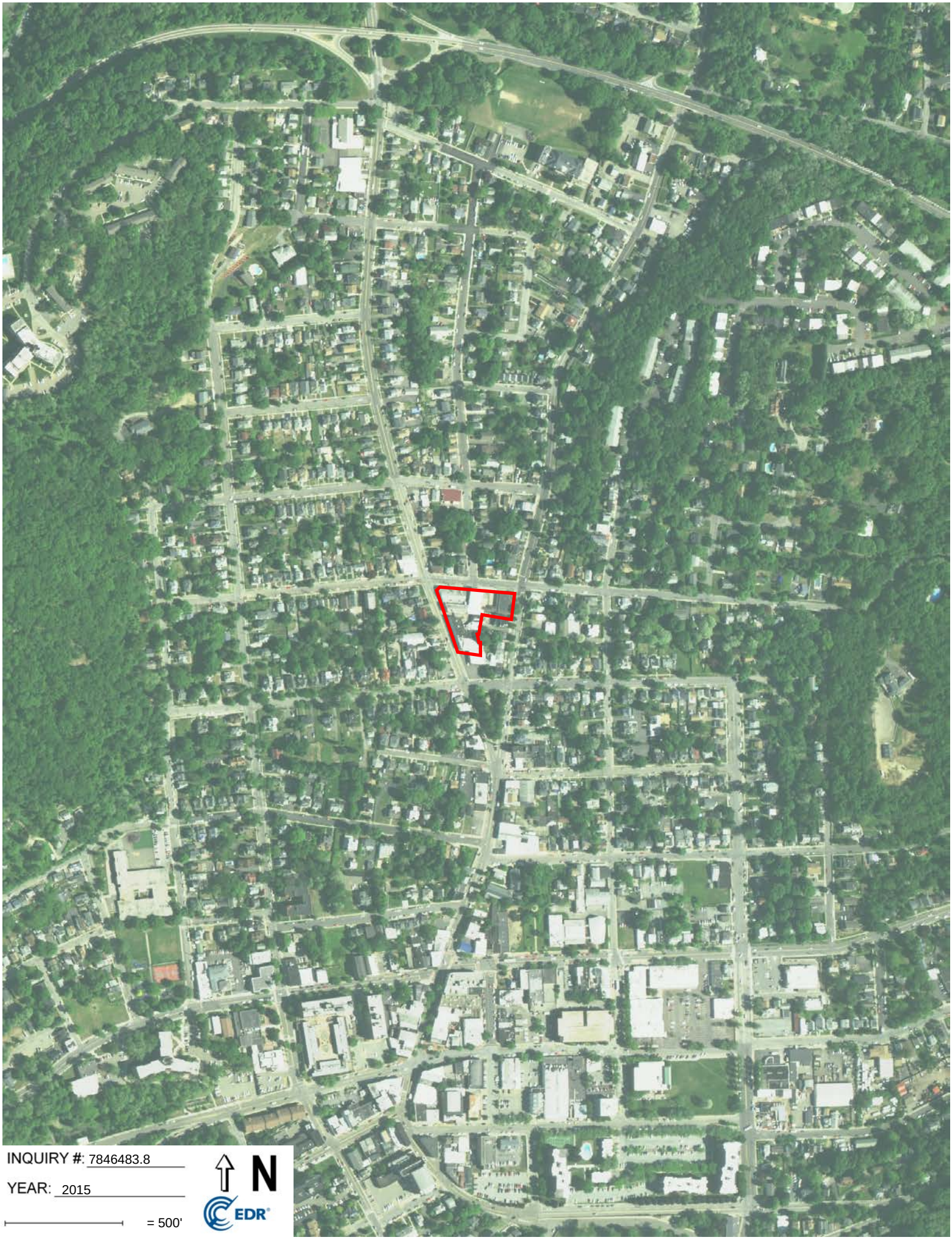
This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT.

Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

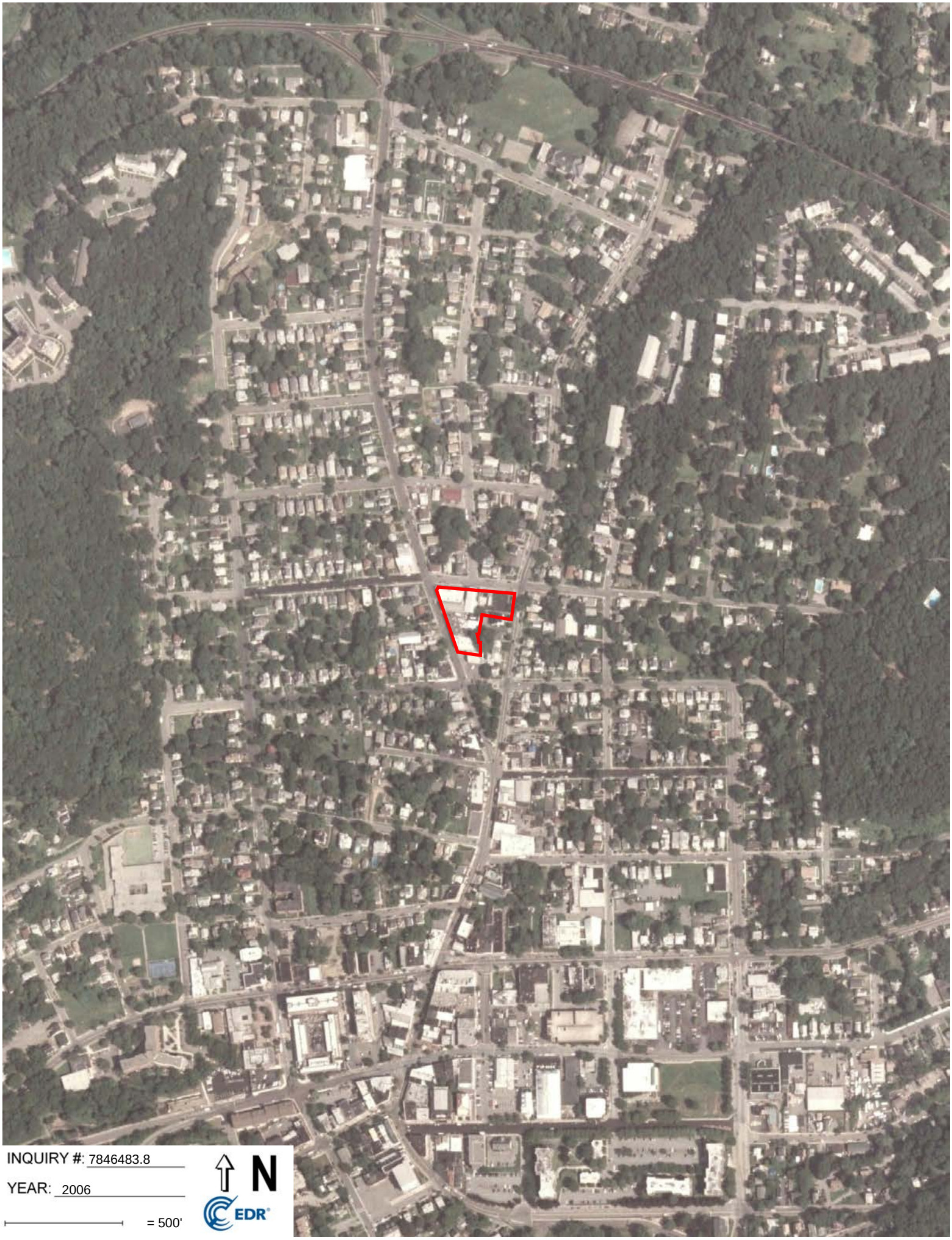
Copyright 2024 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.


INQUIRY #: 7846483.8
YEAR: 2019
= 500'
N
EDR

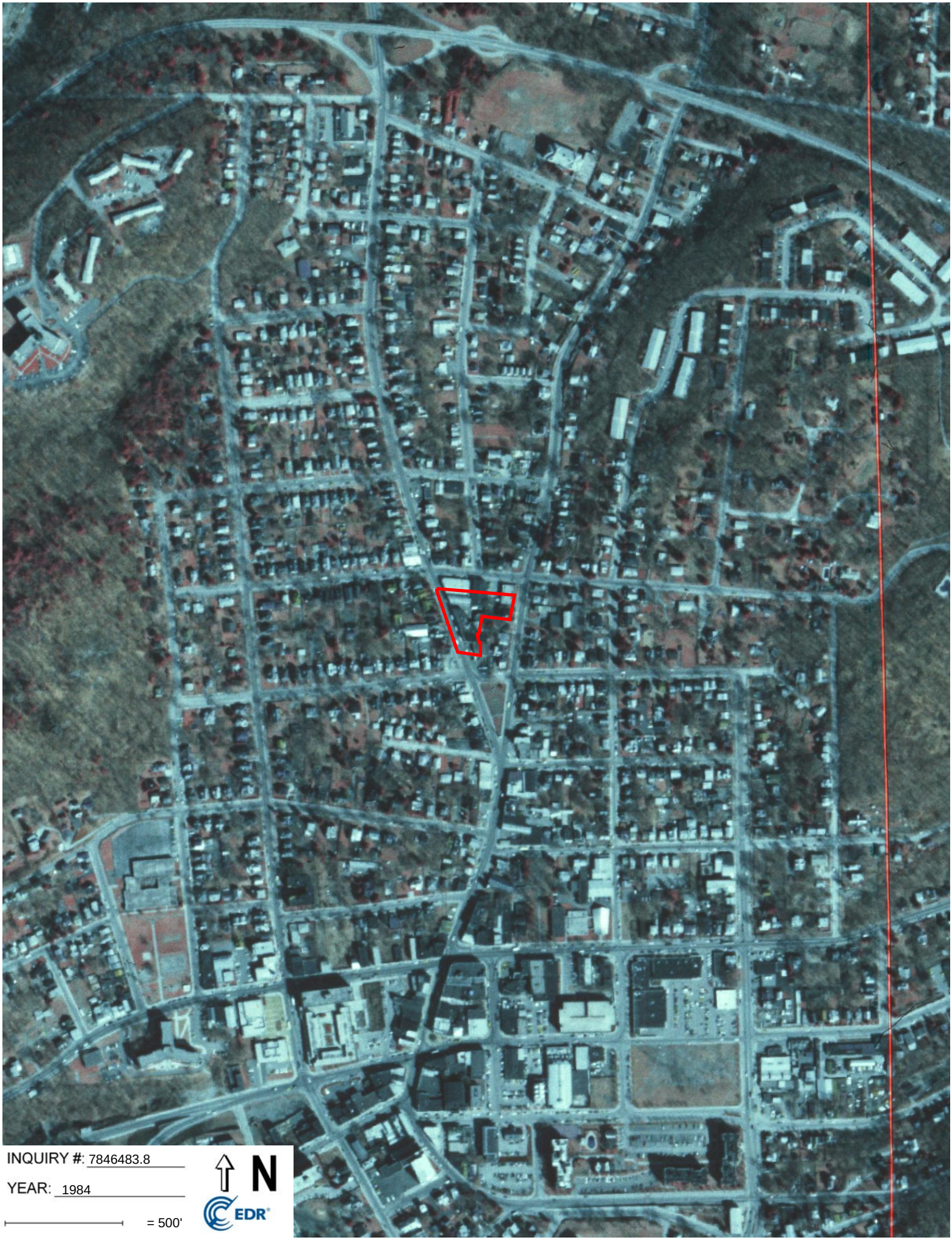

INQUIRY #: 7846483.8
YEAR: 2015
= 500'
N
EDR

INQUIRY #: 7846483.8
YEAR: 2011
= 500'
N
EDR


INQUIRY #: 7846483.8
YEAR: 2006
= 500'
N
EDR

INQUIRY #: 7846483.8
YEAR: 1994
= 500'
N
EDR
Subject boundary not shown because it exceeds image extent or image is not georeferenced.

INQUIRY #: 7846483.8
YEAR: 1989
= 500'
N
EDR


INQUIRY #: 7846483.8
YEAR: 1984
= 500'
N
EDR

INQUIRY #: 7846483.8
YEAR: 1974
= 500'
N
EDR

INQUIRY #: 7846483.8

YEAR: 1964

= 500'

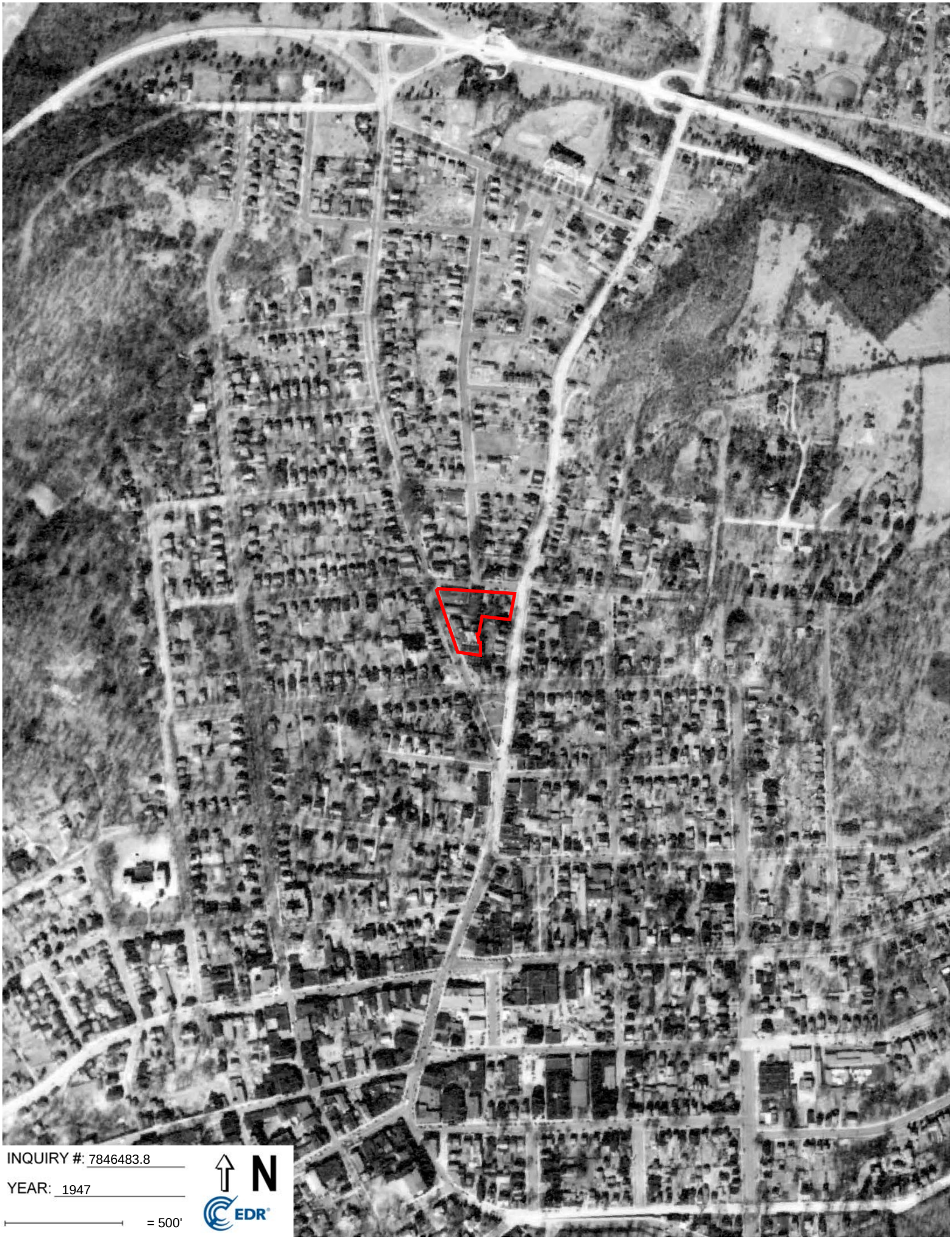
N

EDR

INQUIRY #: 7846483.8
YEAR: 1960
= 500'
N
EDR

INQUIRY #: 7846483.8
YEAR: 1958
= 500'
N
EDR

INQUIRY #: 7846483.8
YEAR: 1954
= 500'
N
EDR


INQUIRY #: 7846483.8
YEAR: 1947
= 500'
N
EDR

INQUIRY #: 7846483.8

YEAR: 1940

= 500'

N

EDR

418 North Division Street
418 North Division Street
Peekskill, NY 10566

Inquiry Number: 7846483.5
December 13, 2024

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. **NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT.** Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2023 by Environmental Data Resources, LLC. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, LLC, or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2020	☑	☑	EDR Digital Archive
2017	☑	☑	Cole Information
2014	☑	☑	Cole Information
2010	☑	☑	Cole Information
2005	☑	☑	Cole Information
2000	☑	☑	Cole Information
1995	☑	☑	Cole Information
1992	☑	☑	Cole Information
1987	☑	☑	Cole Criss-Cross Directory
1982	☑	☑	Cole Criss-Cross Directory
1977	☑	☑	Cole Criss-Cross Directory
1972	☑	☑	Cole Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

418 North Division Street
Peekskill, NY 10566

Year	*CD Image*	*Source*
N DIVISION ST		
2020	pg A5	EDR Digital Archive
2017	pg A9	Cole Information
2014	pg A13	Cole Information
2010	pg A17	Cole Information
2005	pg A21	Cole Information
2000	pg A26	Cole Information
1995	pg A29	Cole Information
1992	pg A32	Cole Information
1987	pg A35	Cole Criss-Cross Directory
1987	pg A36	Cole Criss-Cross Directory
1982	pg A38	Cole Criss-Cross Directory
1977	pg A40	Cole Criss-Cross Directory
1972	pg A42	Cole Criss-Cross Directory

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*
HIGHLAND AVE		
2020	pg. A2	EDR Digital Archive
2017	pg. A7	Cole Information
2014	pg. A11	Cole Information
2010	pg. A15	Cole Information
2005	pg. A19	Cole Information
2000	pg. A24	Cole Information
1995	pg. A28	Cole Information
1992	pg. A30	Cole Information
1987	pg. A34	Cole Criss-Cross Directory
1982	pg. A37	Cole Criss-Cross Directory
1977	pg. A39	Cole Criss-Cross Directory
1972	pg. A41	Cole Criss-Cross Directory

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

HIGHLAND AVE 2020

298	DAWN KAYLOR
	JASON SMITH
	JOSEPH PECORINO
	KRISTIAN POTVIN
	TYRONE CARTER
300	CENTRAL AMERICANO RESTAURANT
	ETHAN KERN
	FANTASTIC BARBERSHOP
	JASMINE MORALES
	MARY CIRILLO
306	HERBALIFE
	LA PALMITA RESTAURANT
	MAIN EVENT BARBERSHOP
310	EDY SALAZAR
	WENDY SALAZAR
312	J & J MULTISERVICES
314	MANUEL BUENO
	MIGUEL QUINTANA
	MONUMENT PARK CORP
	SHARON LANE
318	ANA MENDEZ
	AUSTRO FINANCIAL
	LATIN AMERICANA
400	COMMERCIAL ROOF REPAIR
	LACABANA DELI
405	FRANK COLASURDO
	JONATHAN COLASURDO
414	LAURA GERAGHTY
	LUIS MEDA
416	HECTOR SANCHEZ
	RONALD HOGUE
	SUPER 7TH AUTO REPAIR INC
418	ELURIAN BARFIELD
	TAURIE BARFIELD
420	EFIGENIA ROBLE
422	DONTAE HARRIS
	FELICSUE PHOX
	STACY PHOX
	URIS JENKINS
424	JAMES PHOX
425	PEEKSKILL FIRE PATROL
428	ALBERTO FLORES
	EMILIANO PEREZ
432	BENJAMIN BARRIONUEVO
	DIANA VELE
	EVELYN ALVAREZ
	FABIAN VELE
500	BEST ITEMS OF 99 CENTS INC
	HUDSON VALLEY SCOOTERS INC
501	ABDUL AIDHAH

HIGHLAND AVE 2020 (Cont'd)

501	ATM
	JOE'S MINI-MARKET
	MARILYN RIVERA
	MOHAMED AIDHAH
	SYED ALI
506	HENRY SEGER
	KIMBERLY SEGER
	MATTHEW SEGER
507	AMANDA PEREZ
508	MEENAN
509	DENISE MORAN
	DOROTHY MORAN
	MARTIN BISCHOFF
	MARYJO MORAN
	NILS MORAN
	WILLIAM MORAN
514	JEFFERSON APUANGO
	JOHN APUANGO
	ROSA APUANGO
	ROSA TENESACA
516	ASHLEY LYLES
	DAWN LYLES
	GARY LYLES
	STEVEN SNIFFEN
518	CLARENCE SMITH
	DWAYNE SMITH
	PATRIK SMITH
	REBECCA SMITH
	SHAWN RUTLEDGE
	WYONNA RUTLEDGE
520	JAMES ROZEN
	MAGGIE ROZEN
	MICHAEL ROZEN
	NORA MULLIGAN
522	KEVIN POUSADA
523	LISA PETERS
	MICHAEL PETERS
	SETH & SAMI FUD CO LTD
525	CARMEN QUEZADA
	JUAN QUEZADA
	LUIS QUEZADA
529	ARCHER AUTO SALES
	INTOXALOCK IGNITION INTERLOCK
604	JOAN CHINAS
	JULIA ZHINA
	MANUEL CRESPO
	MERCEDES ZHINA
	STEFANNY PANJON
605	AMANDA EDDY
	JENNIFER MORRISON

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

HIGHLAND AVE 2020 (Cont'd)

605 LAURIE MORRISON
MARY STATEN

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

N DIVISION ST 2020

301	KEITH ITON INC
	ROBERT MEDLA
307	BREEANNA CLOUGH
	DACHE LEACH
	GAIL FOX
	JASON HAUGH
	JUSTIN BATISTA
	KATHY RODRIGUEZ
	MARTHA PAGAN
	MILAGROS PAGAN
311	KEITH ITON
321	JOHNNA HAYWARD
	JOSEPHINE EDGE
	MITRA SINANAN
	ROBIN HAYWARD
323	EL SIBOL COCANO RESTAURANT
401	ANN JUSINO
	ERLIN ALMONTE
404	CHRISTOPHER JOHNSON
	DANICA MILLS
	LA'CRESHA JOHNSON
	STEPHANIE WATERHOUSE
408	LEE HOPKINS
	PRINCE MURRELL
	TIM SMITH
409	HERBERT WARD
	JOSEPH SIPLIN
	LATOYA WARD
	MARY JILES
	ROSEMARIE MCKENZIE
	SHAKIA LYNCOOK
410	DANIEL CHAPAS
	EDGAR CHUNCHI
	MIRIAM PINOS
411	HUGO PASATO
	HUGO POSATO
	NORMA ABAD
414	LUIS QUIZHPI
416	CONSUELO PINTO
	PUMAS MASONRY CORP
423	BING BARCO
	SEAN PIERCE
425	KENYA REED
	MARY MELVIN
431	DOROTHY SIMS
	NIJA SLIGH
	ROBERTA SLIGH
	WILLIE SIMS
500	LINDSEY FITZGERALD
506	ELIZABETH COLON

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

N DIVISION ST 2020 (Cont'd)

506	JULIE COLON
	RICHARD BURGOS
	SEAN FITZGERALD
510	TINA HEADY
513	CIRO MOLINA
	JORGE COBOS
	MARCOS SUSCAL
514	ANGEL PUGO
	CATALINA JARA
	FIDEL CAMPOVERDE
	RICARDO QUIMONIS
519	DENISE JACKSON
	ELAINE JACKSON
520	LYNTHIA WALKER
	SYLVIA WALKER
521	ADFAFAFF TYRES
	EZEKIEL RUFF
	JEANEE SANTIAGO
	WILLOW STREET 161-163
524	FERNANDO ANGUIZACA
	JOEL UZHCA
	LIA NASQUI
	MARIA ZHAGUI
	MILTON CHILLOGALLO
	NEST REMACHE
525	MARIA CARPENTER
	MICHAEL CARPENTER
529	ELIZABETH SCARPELLI
	HECTOR GARAVIDO
	RENE CETINO
	SIGRID CETINO
531	ERIC RUFFIN
	JORGE CARCHI
	MARGUERITE SHARPE
	NONYA WHITLEY
	SALENA DABBS
	TONIDA CARCHI

Target Street	Cross Street	Source
-	✓	Cole Information

HIGHLAND AVE 2017

298	PECORINO, JOSEPH P
300	CENTRAL AMERICANO RESTAURANT
	FANTASTIC BABERSHOP
	HAIRFOR WOMEN
	HOME GOLD INCORPORATED
	KERN, ETHAN S
	LA CASCADA RESTAURANT
	MCCOY, ARTHUR H
	MOLLETTE, PRINCE
	MOUNTAIN, TYUANA D
306	CASCADA BAR
	HERBALIFE
	LA PALMITA RESURANT
	MAIN EVENT BARBERSHOP
	PAREDES UNISEX BARBER SHOP
	PAREELES BARBERSHOP UNISEX
310	ROACH, MATTHEW N
	SALAZAR, RUBEN
312	JJ MULTISERVICE EXPRESS LLC
314	BUENO, MANUEL R
	FAJARDO, MARIA
	HIGHLAND DELI & GROCERY
	MONUMENT PARK CORP
	TADAY, L
318	AUSTRO FINANCIAL
	LATINAMERICANA
400	A LOCKSMITH
	COMMERCIAL ROOF REPAIR
	LA CABANA
405	PEEKSKIL BEER SODA
	PEEKSKILL BEER & SODA
412	CHILLOGALLO, CARLOS
414	DEPAZ, MEDA
	MEDA, LUIS D
	RODRIGUEZ, JULIO
416	SANCHEZ, HECTOR
	SUPER 7 AUTO REPAIR
	SUPER SEVEN AUTOMOBILE REPAIR
418	WHITE, M
422	PHOX, YVETTE M
425	CITY OF PEEKSKILL
500	99 CENT ONLY STORES
	BILLS BICYCLE BARN
	ECONOMY FUEL
	HUDSON VALLEY SCOTER
501	AIDHAH, ABDUL
	DELI, PEEKSKILL
	LOCKS & ALL LOCKSMITH
	PEEKSKILL DELI
507	KEELER, CONNIE D

Target Street	Cross Street	Source
-	✓	Cole Information

HIGHLAND AVE 2017 (Cont'd)

508	ECONOMY FUEL
	ECONOMY FUEL OFFICE
	HEATWELL OIL
	MEENAN OIL
509	MORAN, NILS W
511	MORAN, DOROTHY M
514	APUANGO, JOHN O
516	LYLES, GARY M
518	SMITH, CLARENCE L
520	ROZEN, JAMES R
523	HIGHLAND PIZZA
	PETERS, MICHAEL J
524	REYES, SANTOS E
525	ARPI, JUAN
	QUEZADA, LUIS F
	QUEZADA, MILTON H
529	MANNY PRECISION AUTO CARE INC
	PROCUE
604	CRESPO, MANUEL A
605	CATELE, TRACY
	COLE, CATHERINE
	EDDY, AMANDA L
	GORDINEER, TAMMY
	MALE, CATHERINE
	VIGIL, WILLIAM
606	HERNANDEZ, EDISON R
609	EDWARDS, SHERRI A
610	FISCHETTI, TAMI L
	SORI, LUIS R
	YET NOT
	YET, N
612	NEWMAN, KIM K
614	LAZO, NORMA
615	AYAVACA, JANET
617	ORTEGA, MILTON E
618	OTERO, AARON L
619	DELEON, URIEL
620	BRANCHIZZI, JAMES
623	GAVILANEZ, DIEGO
627	CURIPOMA, MARCIA
	GUANGA, MANUEL N
	OJEBA, HENRY
	PATRICIO, GUALLPA
	RIAL, ALEXANDER
631	BALETRON, FLORENTION
	MUR, PAOLA
636	BRADY, THOMAS P
	HOLSTROM, SUNNI

Target Street	Cross Street	Source
✓	-	Cole Information

N DIVISION ST 2017

200	ROBINSONS PAINT STORE
201	RAL SUPPLY GROUP
212	TJC LIQUOR & SPIRIT
217	HUDSON GLASS CO
219	HUDSON GLASS CO INC
220	CHENS PAGODA KITCHEN INC
	LOCKSMITH OF ARMONK
	PEEKSKILL PLUMBING & HEATING
	RELIABLE ARMONK LOCKSMITH
225	JULIES MINI MARKET
	LITUMA, JAIME
	PETROCINE, JENNIE
	SHALIMAR MINIMARKET INC
	TJC LIQUOR & SPIRIT
227	CARLOS BARBER SHOP
	GLOBAL PAWN MULTISERVICE CORP
	MONICAS AGENCY MULTISERVICE INC
228	AMERICA LATINO MARKET PLACE
	COUNTRY MARKET
	GOLDSAND RONALD ATTY
229	JMG BARBER SHOP
231	ALLIS PIZZERIA
	ONOFRIO PIZZA INC
	ONOSRIOS PIZZA
301	KEITH ITON INC
	SUPERIOR AUTO BODY
307	BATISTA, JUSTIN
	CESPEDES, FELICIA
311	ITON, KEITH
	TONIN, MARIA
321	EDGE, JOSEPHINE T
323	A 24 7 EMERGENCY LOCKSMITH
	CAFE CHAPIN
	EL SIBOL COCANO RESTAURANT
	SHOP LOCKSMITH
401	ALMONTE, ERLIN
404	JOHNSON, ALEXANDER M
	MILLS, DANICA
	WATERHOUSE, STEPHANI
408	SMITH, DAVID M
409	WARD, HERBERT
410	CHAPAS, DANIEL
	CHUNCHI, EDGAR A
	PASATO, BYRON
	YANZA, DANIEL
411	PASATO, HUGO A
414	GARCIA, RAUL
416	HERNANDEZ, MERCEDES
	LLIVIPUMA, JOSE A
423	MELVIN, MARY

Target Street	Cross Street	Source
✓	-	Cole Information

N DIVISION ST 2017 (Cont'd)

423	PIERCE, SEAN T
425	LAPOLLA, VANESSA E
431	SIMS, WILLIE T
500	FITZGERALD, THOMAS F
506	COLON, ELIZABETH F
513	JETON, GLADIS
	SUSCAL, MARCOS H
514	CANPOVERDE, FIDEL
517	RESENDES, JULIO M
518	BOSTIC, SUSAN L
519	JACKSON, DENISE
520	WALKER, LYNTHIA O
521	GARCIA, MANUEL
	HARLEY, JERMAINE
	TORRES, ELISABETH C
524	ASTUDILLO, MARIA L
	LLIVIPUMA, LUIS A
	NASQUI, OLGA
	OTAVALO, EFRAIN
	URVINA, CAMILO
	ZHAGUI, MARIA
525	SANTOS, MARIO J
529	CALTECH APPLIANCE REPAIR
	SCARPELLI, JOSEPH S
531	CARCHI, SELINA R
601	MENDEZ, MILTON
603	JIMENEZ, JOHN J
611	EDELMAN, PAUL R
	HERBS AUTO
	SIMPSON, PRECIOUS E
615	JONES, DORIS E
616	SANCHEZ, HUGO W
	SANCHEZ, RONALDO
626	GARCIA, PAT A
	PETROCINE, ROBERT
630	ALLEN, DEBORAH A
	GRAHAM, ANDREA L
	USTIC, PAULETTE L
634	VOLPE, LORENZO M

Target Street	Cross Street	Source
-	✓	Cole Information

HIGHLAND AVE 2014

298	GLAZER, STEPHEN
	MASSALINE, MELISSA
	OGLESBY, GEORGE
	PECORINO, JOSEPH P
300	FANTASTIC BARBERSHOP
	HAIRFOR WOMEN
	HOME GOLD INCORPORATED
	LA CASCADA RESTAURANT
	MCCOY, ARTHUR H
	MOUNTAIN, TYUANA D
	SABRINA SALON
306	CASCADA BAR
	LA CERID
	LA PALMITA RESTURANT
	LENT, SAMANTHA
	PAREDES UNISEX BARBER SHOP
310	ROACH, MATTHEW N
	SALAZAR, RUBEN
312	JJ MULTISERVICE EXPRESS LLC
314	BUENO, MANUEL R
	CULCAY, HILDA
	FAJARDO, MARIA
	QUINTUNA, MIGUEL S
	TADAY, L
318	AUSTRO FINANCIAL
	LATINAMERICANA
338	WEINER, JEFF
400	LA CABANA
405	PEEKSKIL BEER SODA
	PEEKSKILL BEER & SODA
412	ROCHE, TRANSITO
414	ACEVEDO, VIRGILIO
	DEPAZ, MEDA
	MALDONADO, BETTY
	MEDA, LUIS D
	RODRIGUEZ, JULIO
416	SANCHEZ, HECTOR
	SUPER SEVEN AUTOMOBILE REPAIR
418	WHITE, M
420	ROBLES, EFIGENIA
424	PHOX, YVETTE M
425	CITY OF PEEKSKILL
428	FLORES, ALBERTO
	TENESACA, JORGE
432	VELE, FABIAN
500	HUDSON VALLEY SCOTER
501	AIDHAH, ABDUL
	DELI, PEEKSKILL
	JOES MINIMARKET
	LOCKS & ALL LOCKSMITH

Target Street	Cross Street	Source
-	✓	Cole Information

HIGHLAND AVE 2014 (Cont'd)

501	PEEKSKILL DELI
507	JAMISON, TYRON W
	SUCHOMEL, JANYCE
508	ECONOMY FUEL OFFICE
	HEATWELL OIL
	MEENAN OIL
509	OCCUPANT UNKNOWN,
511	OCCUPANT UNKNOWN,
514	APUANGO, JOHN O
516	SNIFFEN, STEVEN J
518	SMITH, CLARENCE L
520	ROZEN, JAMES R
522	POUSADA, KEVIN
523	HIGHLAND PIZZA
	PETERS, MICHAEL J
524	REYES, SANTOS
525	ARPI, JUAN
	MEJIA, GLENDA
529	MANNY PRECISION AUTOMOBILE CARE INCO
	MANNYS PRECISION AUTOMOBILE CARE INC
	PROSUE
604	CRESPO, MANUEL A
605	CATALE, BARBARA J
	CATELE, TRACY
	MALE, CATHERINE
	MORRISON, LAURIE A
	VIGIL, WILLIAM
606	HERNANDEZ, LUIS R
609	OCCUPANT UNKNOWN,
610	SORI, LUIS R
612	NEWMAN, KIM K
614	LAZO, NORMA
615	AYAVACA, JANET
617	ORTEGA, MILTON E
619	DELEON, URIEL
620	BRANCHIZZI, JAMES
627	CURIPOMA, MARCIA
	GUALLPA, PATRICIO F
	OJEDA, HENRY
	PATRICIO, GUALLPA
631	BALETRON, FLORENTION
	MUR, PAOLA
	STEWART, THERESA R
636	BRADY, THOMAS P
	BRANCHIZZI, BERYL H
	HOLSTROM, SUNNI
	RASBECK-GANS, CHRISTINA

Target Street	Cross Street	Source
✓	-	Cole Information

N DIVISION ST 2014

200	ROBINSONS PAINT STORE
201	RAL SUPPLY GROUP INCORPORATED
212	TJC LIQUOR&SPIRIT
217	HUDSON GLASS COMPANY
219	HUDSON GLASS COMPANY INCORPORATED
220	CHENS PAGODA KITCHEN INCORPORATED
	CHINAWOK
	LOCKSMITH OF ARMONK
	PEEKSKILL PLUMBING & HEATING
	PEEKSKILL ROOF SPECIALISTS
	RELIABLE ARMONK LOCKSMITH
225	ALVAREZ, JEFRIN
	JULIES MINI MARKET
	LITUMA, JAIME
	T J C LIQUOR SPIRITS
227	CARLOS BARBER SHOP
	GLOBAL PAWN MULTISERVICE CORP
228	COUNTRY MARKET
	DELI RESTAURANT DEL RIO
	GOLDSAND RONALD ATTY
229	JMG BARBER SHOP
231	ALLIS PIZZERIA
	ONOFRIO PIZZA INCORPORATED
	ONOFRIOS PIZZERIA
301	KEITH ITON INCORPORATED
	KEITHS AUTOMOTIVE
307	CASTIO, ROCIEL
	CESPEDES, FELICIA
	PARISER, G
311	GRAHAM, MELROY A
	ITON, KEITH
	TONIN, MARIA
317	THOMPSON, ALLISON
321	EDGE, JOSEPHINE T
	SINANAN, MITRA H
323	CULCAY, NORMA
	EL SIBOL COCANO RESTAURANT
	SHOP LOCKSMITH
401	ALMONTE, ERLIN
404	JOHNSON, ALEXANDER M
	WATERHOUSE, STEPHANI
408	SMITH, TIM
409	JILES, JASMINE
410	CHAPAS, DANIEL
	MACAS, ANGEL
	STRNAD, PAVEL
	YANZA, DANIEL
411	PASATO, HUGO A
414	GARCIA, RAUL
416	BENITEZ, MARCO

Target Street	Cross Street	Source
✓	-	Cole Information

N DIVISION ST 2014 (Cont'd)

423	PIERCE, SEAN T
425	ELLIS, BERTHA A
	ELLIS, RANISHA M
431	SIMS, WILLIE T
506	COLON, ELIZABETH F
510	CAR DEALER & MANAGEMENT
513	JETON, GLADIS
	SUSCAL, MARCOS H
514	CAMPOVERDE, FIDEL
515	ROMINUQUIE, WESLEY R
517	RESENDES, CARLA
518	OCCUPANT UNKNOWN,
519	JACKSON, ELAINE
520	WALKER, LYNTHIA O
521	COTES, DANIELA
	GARCIA, MANUEL
	TORRES, ELISABETH C
524	ARIAS, JUAN A
	ASTUDILLO, MARIA L
	NASQUI, LIA
	OTAVALO, EFRAIN
	URVINA, CAMILO
	UZHCA, JOEL O
525	SANTOS, MARIO J
529	CALTECH APPLIANCE REPAIR
	SCARPELLI, JOSEPH S
531	CARCHI, TONIDA Y
	DABBS, SALENA J
	WHITLEY, JAMES R
601	MENDEZ, MILTON
603	OCCUPANT UNKNOWN,
610	GREER, CORDELIA C
611	HERBS AUTO & BICYCLE STORE
614	MONTEPEQUE, CARLOS O
615	RAMCHARITAR, M
616	ERAS, MARCIA
	SANCHEZ, EMANUEL
617	FRATTA, ROBIN F
626	CAMBRIDGE, JAMAL A
	DIAZ, ARIELLE
	MCKENZIE, ROBERT
	SESSION, JAMALE N
630	ALLEN, DEBORAH A
	LAWRENCE, NAFIA
	MALONE, CHARLES W
	SMYTHE, BEVERLEY M
634	VOLPE, LORENZO M
635	BOND, LEVI P

Target Street	Cross Street	Source
-	✓	Cole Information

HIGHLAND AVE 2010

298	DARLING, JILL F
	GLAZER, STEPHEN
	KAYLOR, CHARLES J
300	CASCADA RESTAURANT
	D D FASHIONS
	HOME GOLD INC
	LOJA, DIANA
	MALLOY, ROBERT M
	MCCOY, ARTHUR H
	MOUNTAIN, TYUANA D
	SABRINA SALON
	TURNAGE, COURTNEY M
306	CASCADA BAR
	LA CERID
	PAREDES BARBERSHOP UNISEX
310	ORTIZ, CARLOS
312	BOUTIQUE & VARIEDADES MAURO
314	BUENO, MANUEL R
	DUMAGUALA, ANGEL
	GUALLPA, NELLY
	QUINTUNA, MIGUEL S
318	LATIN AMERICANA
400	LACABANA DELI
405	PEEKSKILL BEER & SODA CTR
414	LOPEZ, DENISE
	MALDONADO, BETTY
	SOLIS, LEONEL D
416	OCCUPANT UNKNOWN,
418	HARRIS, SHEREE
420	ROBLES, EFIGENIA
424	PHOX, YVETTE M
425	PEEKSKILL FIRE PATROL
428	PAUTA, JOSE R
	TENESACA, JORGE
432	MERCHAN, EDGAR
	VELE, FABIAN
	ZHINGRE, ROLANDO
500	BICYCLE BARN
	ECONOMY FUEL
501	DELI, PEEKSKILL
	PEEKSKILL DELI
507	JAMISON, TYRON W
	KEELER, WENDY R
508	HEAT USA
	HEATWELL OIL
	MEENAN OIL
509	OCCUPANT UNKNOWN,
511	OCCUPANT UNKNOWN,
514	APUANGO, JOHN O
516	SNIFFEN, DANIEL R

Target Street	Cross Street	Source
-	✓	Cole Information

HIGHLAND AVE 2010 (Cont'd)

518 SMITH, CLARENCE L
520 ROZEN, JAMES R
522 FISHBACH, NATHANIEL H
523 PETERS, MICHAEL J
525 ARPI, JUAN
CASTILLO, EDGAR
MEJIA, GLENDA
529 MANNYS PRECISION AUTO CARE
PROCUE
604 CRESPO, MANUEL A
NAULAGUARI, JOSE R
605 BARRET, D
CATELE, TRACY
MORRISON, LAURIE A
TAYLOR, MARTHA Y
606 HERNEANDEZ, LUIS
609 EDWARDS, SHERRI A
610 DEJESUS, VALLEJO Z
612 NEWMAN, KIM
614 ANGUISACA, FERNANDO
615 AYAVACA, JANET
617 GUAMAN, JUVENAL
618 HOEHE-FERRARO, CHRISTINE
619 DELEON, URIEL
620 BRANCHIZZI, ELIZABETH R
623 OJEDA, HENRY I
627 CURIPOMA, MARCIA
GUALLPA, PATRICIO F
631 BALEIRON, LEO
RIVERA, ADRIENNE
TINTIN, CARLOS
634 CULBERSON, WALTER L
635 BARCKLEY, RADCLIFF C
636 BRANCHIZZI, BERYL H
CHURCH, T
HOLSTROM, SUNNI
MANZER, CHAPMAN C
RASBECK-GANS, CHRISTINA

Target Street	Cross Street	Source
✓	-	Cole Information

N DIVISION ST 2010

200	ROBINSONS PAINT STORE INC
201	RAL SUPPLY CO
212	KARENS VARIEDAZES
217	LEWIS, RHODA H
219	HUDSON GLASS CO INC
220	PEKING CHINESE RESTAURANT
225	JULIES MINI MARKET
	LITUMA, GILBERTO
	TJC LIQUOR SPIRTIS INC
	VANESSA BEAUTY SALON INC
	VEGA, JOSE
227	CARLOS BARBERSHOP
	MONICAS AGENCY
	SANDEXPRESS INC
231	MESSA LUNA PIZZA
	ONOFRIO PIZZA INC
	ONOSRIO S PIZZA
301	SUPERIOR AUTO BODY
	UHAUL CO
307	CESPEDES, FELICIA
	CLOUGH, BREEANNA
	MACAS, ALFREDO
	MOORE, ELISA
	PARISER, G
	SANCHEZ, MARTHA
311	DESRIVIERER, ANTOINTETTE
	GRAHAM, MELROY A
	GUEST HOUSE COMMUNITY SVC INC
	ITON, KEITH
317	JILES, NINA
321	DESRIVIERES, ANTOINETTE
	EDGE, RAYMOND S
323	CAFE CHAPIN
	CULCAY, NORMA
	DOLFI RESTAURANT
401	BURBAGE, DEBRA D
404	JOHNSON, ALEX M
	ROMERO, ANGEL
	WATERHOUSE, STEPHANI
408	OCCUPANT UNKNOWN,
409	WHITE, SEAN S
410	CHAPAS, DANIEL
411	PASATO, HUGO R
414	PILCO, HUMBERTO
416	BARRETO, FELIX A
	BENITEZ, MARCO
	VENTURA, WILLIAM A
423	PIERCE, SEAN T
	PUENTE, JOSE A
425	GRICIA, CARMEN

Target Street	Cross Street	Source
✓	-	Cole Information

N DIVISION ST 2010 (Cont'd)

425 LAPOLLA, DAVID R
431 SIMS, DOROTHY N
500 FITZGERALD, LINDSEY E
506 OCCUPANT UNKNOWN,
513 JETON, GLADIS
514 PUGO, ANGEL
517 RESENDES, CARLA
518 BOSTIC, RICHARD
519 OCCUPANT UNKNOWN,
520 PETERS, VERONA P
WALKER, LYNTHIA O
521 COTES, DANIELA
GARCIA, MANUEL
PEREZ, ANTHONY G
524 ARIAS, JUAN
GARZA, OSCAR L
URVINA, CAMILO
525 CARPENTER, STEVEN J
531 DABBS, SALENA J
DURHAM, HJALMAR
WHITLEY, JAMES R
600 RIVERA, GUSTAVO
601 OCCUPANT UNKNOWN,
603 JIMENEZ, JOHN J
610 GREER, CORDELIA C
611 EDELMAN, HERBERT S
HERBS AUTO & BICYCLE STORE
SEDELMAN, HERBERT
615 RAMCHARITAR, M
616 ERAS, MARCIA
VILLACICENCI, MERCEDES
617 FRATTA, LOUIS J
626 DUDOVA, ERIKA
630 BENSON, CARL E
JONES, SHAMITA L
MALONE, JASON T
WOODLEY, HERBERT H
634 VOLPE, LORENZO N
635 BOND, LEVI P
PEEKSKILL CHRISTIAN CTR

Target Street	Cross Street	Source
-	✓	Cole Information

HIGHLAND AVE 2005

298	JONES, LAWRENCE
300	DELEG, SELINA
	DELLABADIA, LISA D
	EDWARDS, JOHN F
	MALLOY, ROBERT M
	MOUNTAIN, TYUANA
	NARDONE, LOUIS C
	RAMOS, VICTOR M
	SCHURR ENTERPRISES INC
	VAN, TASSEL
306	CASCADA BAR
	CRUZ, HUMBERTO
310	CORDOVA, HUGO A
312	BOUTIQUE & VARIEDADES MAURO
314	CHALCO, DIEGO
	HARRIS, GREGORY A
	LYONS, RAYMOND
	MATA STATIONARY INC
	SANCHEZ, MAURO
	SISALIMA, OSWALDO
	SUMBA, MARCO G
	TENESACA, LUIS
335	KAMNA, KEITH D
387	DAGOSTINO, ROBERT M
388	MCCOY, ARTHUR H
389	CARRIZZO, PAUL C
400	LACABANA DELI
405	PEEKSKILL BEER & SODA DISCOUNT CENTE
412	ESPINOSA, AGUSTIN
414	LOPEZ, FRANCISCO
	MALDONADO, BETTY
	SOLIS, LEONEL D
416	OTERO, BRUCE A
	ROJAS, JOSE
420	SANTIAGO, VISITACION
422	PHOX, FELICSUE S
424	OCCUPANT UNKNOWN,
428	TENESACA, JORGE
432	CRIOLLO, LUIS
	LOJANOS, C
	MARTONE, THOMAS
	MERCHAN, EDGAR
	VELE, FABIAN
	ZHINGRE, ROLANDO
501	PEEKSKILL DELI & GROCERY INC
	WILLIS, TIMOTHY
502	MORLEY, J
507	JAMISON, TYRON
508	A B C OIL CO
	HEATWELL OIL CO

HIGHLAND AVE 2005 (Cont'd)

508	LAKELAND MERIT ARMSTRONG INC
509	MORAN, KYLE R
511	OCCUPANT UNKNOWN,
516	SNIFFEN, DANIEL R
518	SMITH, CLARENCE L
520	ROZEN, JAMES R
522	FISHBACH, NATHANIEL
523	HIGHLAND PIZZA
	PETERS, MICHAEL J
524	PAUTA, JOSE R
525	CHIMBO, TOMAS
	ECUA PRECISION AUTO CARE
529	TREASURE SERVICE STA
604	BERMEO, JORGE
	DUARTE, VICTOR
	PAREDES, MIGUEL
	TACURI, FANNY
605	BARRET, D
	MORRISON, LAURIE A
606	BUSH, PHINIZY
610	CARCHIPULLA, JULIO C
612	OCCUPANT UNKNOWN,
614	ANGARMARCA, ANA
618	OCCUPANT UNKNOWN,
619	BENDER, LAWRENCE
620	BRANCHIZZI, ELIZABETH
623	MOYA, MANUEL
627	KANE, MICHEAL
	RIAL, EULOGIO
631	BALETRON, FLORENTION
	MUR, JAVIER
635	SHARPE, ANTHONY E

Target Street	Cross Street	Source
✓	-	Cole Information

N DIVISION ST 2005

217	LEWIS, RHODA H
219	HERB D LEWIS
	HUDSON GLASS CO INC
224	LEWIS, RONALD L
225	ALVAREZ, JEFRIN
	ESCOBAR, MARIA
	LITUMA, GILBERTO
	LITUMA, JULIO M
	PJ C WINES & LIQUOR
	TJC LIQUOR SPIRITS INC
226	COUNTRY MARKET
227	MONICA AGENCY INC
231	PRIMO PIZZERIA & RESTAURANT
301	SUPERIOR AUTO BODY
	U HAUL CO
307	ANGUISACA-LAZO, DELIA
	COBOS, BOLIVAR
	CORNEJO, LUIS
	DELAGRANGE, BEVERLY J
	GONZALEZ, DAISY R
	GUTIERREZ, MARISOL
	HARTLEY, NATHAN
	KEUPER, ABBY D
	PARISER, G
	TUBA, MIGUEL
311	HARRIS, EMELIA S
	NUZZOLO, JOHN B
	SCIULLO, ANNIE M
317	IBARRA, JULIO
321	JOSEPHINE, EDGE
323	QUINTUNA, MANUEL
401	OCCUPANT UNKNOWN,
404	CLARK, ANN D
	JOHNSON, ALEX M
	ROMERO, ANGELA
408	OCCUPANT UNKNOWN,
409	JILES, MARY D
410	CHAPAS, DANIEL
411	ORTIZ, UBALDO
414	WALKER, DEBORAH A
416	ANGAMARCA, JUAN P
	BARRETO, FELIX A
	BARROS, MARIA
	CALLE, ROMULO
	GOMEZ, MANUEL E
	SIGUENCIA, MIGUEL A
	TENECOTA, OSWALDO
	ZHAGUI, MANUEL
423	METZGER, JESSICA
	THOMAS, GILBERT E

Target Street	Cross Street	Source
✓	-	Cole Information

N DIVISION ST 2005 (Cont'd)

425	GRICIA, CARMEN
431	SIMS, DOROTHY N
500	NEALIS, ROBERT S
510	OCCUPANT UNKNOWN,
513	SANGSTER, LESLIE
514	PIEDRA, MARIA S
515	OCCUPANT UNKNOWN,
517	BROWN, V
518	BOSTIC, RICHARD
519	JACKSON, DENISE
520	WALKER, LYNTHIA O
521	GRIFFIN, NORRIS
524	ARIAS, JUAN
	AYAVACA, BENIGNO
	CABRERA, MILTON
	CHILLOGALLO, M
	LLIVIPUMA, MARIA
	OTAVALO, EFRAIN
	RAMOS, MARIA
	STARK, KELLY M
	UCHUPAILLA, TERESA
	UGUNA, LUIS
525	OCCUPANT UNKNOWN,
529	APONTE, RAYMOND
531	CARCHI, TONIDA Y
	DURHAM, HJALMAR
	SHARP, NONYA V
600	ROMERO, MAGDALENA
601	MENDEZ, MILTON
603	JIMENEZ, JOHN J
610	GREER, CORDELIA C
611	CONDE, JORGE M
	DIAZ, ELIAS
	GUERRA, JOSE V
	PALMA, HUGO R
614	CIOFFI, MARY C
615	EDELMAN, HERBERT S
616	PECORA, SANDRA
617	FRATTA, LOUIS J
626	ARMSTRONG, VIOLA E
	CARRUTHERS, RAYMOND A
	NIMMONS, SHARON
	ROSE, STEVEN A
	SINISCALCHI, CAR
630	ALLEN, DEBORAH A
	DIORIO, PETER A
634	VOLPE, LORENZO M
635	BOND, LEVI P
	DOUGHBOY ENTERTAINMENT INC
	MR LEE ORIENTAL FURNITURE STR

Target Street	Cross Street	Source
✓	-	Cole Information

N DIVISION ST 2005 (Cont'd)

638 BENSON, CARL

Target Street	Cross Street	Source
-	✓	Cole Information

HIGHLAND AVE 2000

300	GILLEO, GEORGE F
	LACASCADA RESTAURANT
	LEE, ALETHEA
	MALLOY, ROBERT
	MCCOY, ARTHUR
	MOUNTAIN, TYUANA
	NARDONE, LOUIS
	SCHURR ENTERPRISES INCORPORATED
	TOSCANO, FRANK
	VANTASSEL, LAURA
306	J LEWIS CLOTHING
	JAN MAR TAVERN
310	LOVETT, S
312	REAL GIRON TAILOR SHOP
314	ALMANZAR, CESAR
	BAILEY, LARON
	HARRIS, GREGORY
	LYONS, RAYMOND
	RODNEY, HEADLEY J
	TAYLOR, CECIEL
318	BAXTERS PHARMACY
335	KAMNA, MARY
387	OCCUPANT UNKNOWN,
390	KEAR, ROBERT W
399	OCCUPANT UNKNOWN,
400	LACABANA DELI
	ORCHARD ST DELI
405	PEEKSKILL BEER & SODA DISCOUNT CENTER
412	MARCATOMA, LUIS
	SACASARI, LUIS M
	VELESACA, JOSE
414	GONZALEZ, LUIS
	SOLIS, LEONEL
416	OTERO, BARBARA
	PEREZ, SONIA
424	CAGUANO, CESAR
425	PEEKSKILL CITY OF CONTD FIRE DEPARTMENT
	PEEKSKILL FIRE PATROL
427	ZIPPRICH, BERNARD
428	JOSEPH, CAROLYN D
432	CHIMBO, BLANCA W
	ONCE, JOSE L
	SEGUNDO GUAMAN GENL CONTRACTORS
	TISINTONIO, F
501	JOES MINI MARKET
	MINI MARKET
506	WELCH, MARCELL
507	BOLDUC, ANDRE E
508	HEATWELL LP GAS
	HEATWELL OIL COMPANY

Target Street	Cross Street	Source
-	✓	Cole Information

HIGHLAND AVE 2000 (Cont'd)

508	KLEANWELL SEPTIC COMPANY
	VAN CORTLANDT TRUCK & TRANSMISSION SVCE INCORPORATED
511	LEWIS, TIMOTHY
514	WESSELLS, HOWARD D
518	OCCUPANT UNKNOWN,
520	MULLIGAN, NORA
	ROZEN, MICHAEL
522	SABRSULA, KEN
523	HIGHLAND PIZZA
	OCCUPANT UNKNOWN,
524	PAUTA, JOSE
525	ZACKS DENTL LABS INCORPORATED
529	ARCHER AUTO SALES
	TREASURE SVCE STATION
605	PECORA, DAVID
606	BUSH, PHINIZY
609	SIMON, GEORGE
610	OCCUPANT UNKNOWN,
612	CONKLIN, GEORGE N
614	CRUZ, JOSE M
	SACASARI, ANGEL
615	GUTIEREZ, FILIBER
617	DEVINE, RALPH
	PLATT, M K
	ROSA, JANE E
619	BENDER, L
620	BRANCHIZZI, ELIZ
623	RIPARI, GIANNI
627	BUEZO, BENITO
	RIAL, EULOGIO
631	BALEIRON, F
	MCGINNIS, TAMMY
635	DIXON, GILLIAN E
636	LAWSON, DONALD
	NYIKOS, PETER

Target Street	Cross Street	Source
✓	-	Cole Information

N DIVISION ST 2000

200 ROBINSONS PAINT STORE
201 CHOICE PLUMBING & HEATING SUPPLY COMPANY INCORPORATED
RAL PLUMBING & HEATING SUPPLY
217 LEWIS, RHODA
219 HUDSON GLASS COMPANY INCORPORATED
LEWIS HERB D GLAS
225 ALVAREZ, JEFFERY
BARRETO, ANGEL
HUDSON RIVER TAXI INCORPORATED
JULIES DELI MARKET
PASATO, ANTONIO
R D C INSURANCE BROKERS
R F RADIO & TV SVCE
WADLEY, EDDIE L
ZARUMENO, JUANA
227 AGENCY MARTHAS
R C ZAMORA & COMPANY
SANDEXPRESS INCORPORATED
228 GOLDSAND RONALD AGENT
GOLDSAND RONALD ATTORNEY
R G AGENCY
229 INTERMEDIO EXPRESS COURIER INTERNATIONAL
265 OCCUPANT UNKNOWN,
301 SAMPSON GEO AUTO BODY
SUPERIOR AUTO RADIATOR
U HAUL COMPANY
307 BYRNE, F
COOPER, EMMA M
DIXON, ALVINA
KEUPER, ABBY
PARISER, G
REID, DONOVAN
RIZZOFUSCO, V
RUFFINO, FRANK
311 SANCHEZ, MANUEL
SCIULLO, DONATO
317 MALLORY, I
321 EDGE, RAYMOND S
323 RICHARD PRESS THE
404 JOHNSON, ALEX M
408 SMITH, ANITA C
411 PERROTTO, JOHN A
414 FORD, ELIAS
416 BARRETO, ANGEL
QUINTUNA, MIGUEL
RODRIGUEZ, LORENZO
SAETEROS, JOSE
URVINA, IVAN
VASQUEZ, NORMA V
ZHIZHPON, JOSE R

Target Street	Cross Street	Source
✓	-	Cole Information

N DIVISION ST 2000 (Cont'd)

421 HANNAGAN, SEAN
423 BLEAKLEY, PHIL
METZGER, JESSICA
MOSCOSO, ISABEL
425 LAPOLLA, KATHRYN D
PANAMA, ROSA V
TENEN, ANGEL
431 SIMS, DOROTHY
500 MCKENZIE, GLEN
WALKER, ADRIAN
510 GONZALES, LUEL
ODONOHUE, KEVIN
RIVAS, ANGEL
513 RICHARDS, PATRICK
SIMPSON, TREVOR
514 QUINONES, RICARDO
WILKINSGODBEE, V
517 OCCUPANT UNKNOWN,
518 BOSTIC, CARRIE
520 PETERS, VERONA
WALKER, LYNTHIA
521 ROMINUQUIE, SHARME
524 BATTLE, THOMAS
GUERRA, CLEOFAS
525 LOPEZ, SARAH
531 SHARPE, M
600 TRAN, DUNGO
601 GUERRA, ISA
611 HERBS AUTO & BICYCLE STORE
HERBS AUTO ACCESSORIES
614 BENTO, APRIL
CIOFFI, R
LISZT, SUSAN G
RAMIREZ, EVELYN M
615 OCCUPANT UNKNOWN,
616 PECORA, SANDRA
626 JENKINS, SARAH
630 ALLEN, DEBORAH
ALLEN, MARVIN
BLUE, STEVEN A
GOEL, VIPIN
LAWSON, JOSEPH
LENT, TYLER
SUTHERLAND, ALLIE
TITLEBAUM, MICHAEL
634 VOLPE, LORENZO
635 BYRD, MONIQUE
JONES, JEANNE
PERRY, CYNTHIA

Target Street	Cross Street	Source
-	✓	Cole Information

HIGHLAND AVE 1995

300	LA CASCADA RESTAURANT
	SCHURR ENTERPRISES INC
306	JAN-MAR TAVERN
312	REAL GIRON TAILOR SHOP
314	MONUMENT STATNRY INC
318	BAXTER'S PHARMACY
400	ORCHARD ST DELI
405	PEEKSKILL BEER & SODA DISCOUNT CENTER
411	WHITE PLAINS COAT & APRON CO
	WHITE PLAINS LINEN
500	HUDSON VALLEY PLUMBING & HEATING SUPPLY CO
	MR FIREPLACE
501	JOE'S MINI-MARKET
	MINI-MARKET
508	HEATWELL OIL CO
	KLEANWELL SEPTIC CO
	VAN CORTLANDT TRUCK & TRANSMISSION SVCE INC
523	THE KITCHEN 1950'S
525	ZACKS DENTL LABS INC
529	K & R SERVICE STATION

Target Street	Cross Street	Source
✓	-	Cole Information

N DIVISION ST 1995

200	AVIS RENT A CAR-LOCAL RESERVATIONS & INFORMATI-PEEKSKILL
201	CHOICE PLUMBING & HEATING SUPL CO INC
212	BUSHIDO SCHOOL OF MARTIAL ARTS INC
219	HUDSON GLASS CO INC
	LEWIS HERB D, GLAS
220	PEKING RESTRNT
225	MONUMENT VIDEO
	R F RADIO & TV SVCE
	SHOES BY ANDRES
227	NITE FLIGHT SWEATS N TEES
228	GOLDSAND, RONALD, AGENT
	GOLDSAND, RONALD, ATTY
	GOLDSAND, RONALD, ATTY-OR
	R G AGENCY
229	CONNIE'S BOUTIQUE
231	ONOFRIO'S PIZZERIA
301	SUPERIOR AUTO BODY
	SUPERIOR AUTO RADIATR
	U-HAUL CO-INDEPENDENT DEALERS-PEEKSKILL
323	RICHARD PRESS THE
611	HERB'S AUTO & BICYCLE STORE
	HERBS AUTO ACCESSORIES

Target Street	Cross Street	Source
-	✓	Cole Information

HIGHLAND AVE 1992

300	CALABRESE, N F
	EL RANCHO LATINO RESTAURANT
	GILLEO, GEORGE F
	PAGAN, JOSE D
	SCHURR ENTERPRISES INC
	SIMONE, DEBORAH
	TEEL, HENRY
306	JAN-MAR TAVERN
310	GILLEO, MADELINE
312	SAV-MOR DISCOUNT AUTO PARTS INC
314	DAVIS, WENDY
	KALL, ROSEMARIE
	MONUMENT STATNRY INC
	MURRAY, TASHA
318	BAXTER'S PHARMACY
	SCHULTZ, C M
405	PEEKSKILL BEER & SODA DISCOUNT CENTER
411	WHITE PLAINS COAT & APRON CO
	WHITE PLAINS LINEN
412	WATERS, HELEN
416	NACCARI, MAUREEN
418	DONOVAN, EDNA
420	VENTRY, A M
424	POWELL, JOHN
425	PEEKSKILL CITY OF-FIRE DEPT-FIRE PATROL
432	RAMIREZ, PETITA S
500	HUDSON VALLEY PLUMBING & HEATING SUPPLY CO
	MR FIREPLACE
501	DIPIERRO, LURA
	MINI-MARKET
506	WELCH, MARCELLA
508	HEATWELL OIL CO
	KLEANWELL SEPTIC CO
	VAN CORTLANDT TRUCK & TRANSMISSION SVCE INC
511	MORAN, DANIEL & WILLIAM
514	WESSELLS, HOWARD A
518	DELIA, MOSES
520	MULLIGAN, NORA
	ROZEN, MICHAEL
523	ROSS & PECK
524	KEON, KEVIN
525	NUBE, THOMAS, JR
	ZACKS DENTL LABS INC
529	K & R SERVICE STATION
604	BURKE, JOHN A
605	CARUSO, RALPH
	KEEMER, CECIL
606	SEYMOUR, JAMES, III
609	TRAVIS, LORRAINE
610	CLEVELAND, D J

Target Street	Cross Street	Source
-	✓	Cole Information

HIGHLAND AVE 1992 (Cont'd)

610	TRAIN, CHRISTOPHER
612	CONKLIN, GEORGE N
614	EDGE, GEO E
	EDGE, GEORGE E, JR
617	DEVINE, MADELINE L
618	YATSKO, SCOTT
619	BENDER, LAWRENCE
620	BRANCHIZZI, ELIZABETH
623	MC CULLOUGH, THOMAS P
627	DELACRUZ, DARWIN
	RIAL, EULOGIO
631	BALETRON, FLORENTION
	LENNOX, S
635	SEVILLANO, PIEDAD
636	ROBERTS, STANLEY

Target Street	Cross Street	Source
✓	-	Cole Information

N DIVISION ST 1992

200	AVIS RENT A CAR-LOCAL RESERVATIONS & INFORMATI-PEEKSKILL
201	CHOICE PLUMBING & HEATING SUPL CO INC
212	BUSHIDO SCHOOL OF MARTIAL ARTS INC
217	LEWIS, RHODA
219	HUDSON GLASS CO INC
	LEWIS HERB D, GLAS
220	PEKING RESTRNT
225	MERGENDAHL, ROGER
	MONUMENT VIDEO
	R F RADIO & TV SVCE
	VILLAVICENCIO, OSWALDO
227	GARCIA, JOEL
228	GOLDSAND, RONALD, ATTY
	GOLDSAND, RONALD-ATTY
	RG AGENCY
229	CONNIE'S BOUTIQUE
231	ONOFRIO'S PIZZERIA
301	SUPERIOR AUTO BODY
	SUPERIOR AUTO RADIATR
307	EAGAN, GERALD
	GILMARTEN, DAWN
	PARDEE, JULIA
	PARISER, REGINA E
311	MEJIA, SONIA
	SCIULLO, DONATO
317	HARRY, KAY
	SAMPSON, RUPERT H
321	CASERIA, MICHAEL
	DEGROFF, DOROTHY
	FINNERTY, C M
323	CARLIN, JOS A
	MC CLOSKEY, CAROLINE
	RICHARD PRESS THE
404	JOHNSON, ALEX M
	JOHNSON, KIMBLE
408	WHITE, WM
409	KENTON, MARCIA
410	BUFFALOE, J C
411	PERROTTO, JOHN A
416	GILLEO, B
	MCKENZIE, LARRY
	RILEY, RICHARD
	SAETEROS, JOSE
421	TOMALCZYK, JOSEPH
423	BLEAKLEY, PHIL & ROBIN
	TREADWELL, DAVID
425	KNAPP, DONALD
	LAPOLLA, RAY WM
431	SIMS, DOROTHY
510	BRANNIGAN, JOHN

Target Street	Cross Street	Source
✓	-	Cole Information

N DIVISION ST 1992 (Cont'd)

510	HUFF, CARLETON
513	CASTANO, JOSEPH
	CASTANO, MANNY
514	CATALE, TRACY
	TOMPKINS, DOREEN
515	CAMILLE, MANUELLA
517	BURNS, JOSEPHINE
518	BOSTIC, CARRIE S
520	PETERS, VERONA
	WALKER, LYNTHIA
521	MCLEOD, DOSSIE
	SPEIGHTS, JEROME
524	BATTLE, THOMAS
	MC HAYLE, SELVIN
	SOLOMON, PATRICIA
525	GONZALEZ, FERNANDO
531	SHARPE, MARGURITE
600	ABREU, MIGUEL
	BUNYAVONG, SOMPRASONG
	DUCK, JOHN S
601	BAILEY, GEORGE
611	ANDERSON, AUDREY
	CARRERA, CARMEN
	HERB'S AUTO & BICYCLE STORE
	HERBS AUTO ACCESSORIES
614	CIOFFI, M
	CIOFFI, R
	SAMARITAN, BRUCE & CASSANDRA
615	MATHESON, KAREN
616	BOOTH, SANDY
	CLAYTON, T E
617	FRATTA, LOUIS J
626	MATTHES, S
	REDDING, LINDA
630	PATTERSON, M
	ROSENFIELD, JAMES
635	CECONI, LOUIS A

Target Street	Cross Street	Source
-	✓	Cole Criss-Cross Directory

HIGHLAND AVE 1987

310	Jackie M Lewis	.76		739-6778
312★	**Sav-Mor Dscnt Auto**	**.84**		**737-7477**
314	Beatrice Gilbert		⌑	737-7130
	Rosemarie Kall		⌑	736-3862
	Miss Laura Lewis		–	739-7793
★	**Monument Statnry**			**737-9802**
318★	**Baxters Pharmacy**			**737-3076**
	C M Schultz	.75		739-7520
400★	**Snak N Pak**	**.82**		**739-8221**
405★	**Pkskl Beer&Sda Ctr**	**.70**		**739-6783**
411★	**Wht Pln Coat&Apron**	**.83**		**737-2532**
★	**Wht Plns Coat&Aprn**	**.83**		**737-0382**
412	Mrs Helen Waters	.70		737-2074
414	F H Gilliland	.80		739-6489
418	Edna Donovan	.78		737-7967
419		NP		
420	A M Ventry	.62		739-2516
422		NP		
424	Adrienne Lassic		⌑	739-9214
427	Bernard Zipprich	.82		739-0378
428	T C MacPherson	.64		739-4776
	James A McKeon	.74		739-3568
432★	**Heatwell Oil Co**		–	**737-5580**
★	**Kleanwell Septic**		⌑	**737-4144**
500★	**Van Cortlandt Trck**	**.85**		**737-0624**
501	Victor Harris		⌑	737-6246
★	**Mini Market**	**.73**		**737-2221**
506	Marcella Welch	.80		737-1109
507	509 511	NP		
514	Howard A Wessells	.63		739-1051
516		NP		

Target Street	Cross Street	Source
✓	-	Cole Criss-Cross Directory

N DIVISION ST 1987

307	Gerald Eagan	82	739-0138
	Regina E Pariser	85	739-7430
	Carol Riley	84	739-7829
311	Thomas M Clarkin . . .	84	739-3139
	Sonia Mejia	-	736-1161
	Donato Sciullo	68	739-0539
317	Kay Harry	82	737-6741
	Rupert H Sampson . . .	74	739-5010
321	Dennis Begley	85	736-1485
	Mrs D Degroff	68	737-2561
323	Joseph A Carlin	64	739-0064
	James P McCloskey . .	80	739-6534
	★ **The Richard Press** . .		**737-1240**
401	Frank T Fisher Jr . . .	⌑	739-9032
404	Alex M Johnson	74	739-7526
408	William White	67	739-1779
409	Francis McCafferty . .	81	739-9478
410	J C Buffaloe	84	737-6598
411	John A Perrotto	64	739-4938
416	Mayra Mateo	-	736-0653
	Pedro Rosales	⌑	739-6859
	Miguel Saez	85	737-5168
	Paul R Williamson . . .	⌑	736-1286
418	★ **Wayne Desalvo Inc** . .	**85**	**739-2100**
	★ **Wayne Printng&Lith** . .	**85**	**739-2100**
421	. . . . .	NP	
423	Fred A Pardee	85	739-1203

ER OR PHOTOGRAPHED IN ANY MANNER WHATSOEVE

83,84,85,Etc. — Year First Listed 1983,84,85,Etc AB,Etc

Target Street	Cross Street	Source
✓	-	Cole Criss-Cross Directory

N DIVISION ST 1987

~~N DIVISION ST S~~

423	Eric Vanetten	85	737-8834
425	Donald Knapp	75	737-5375
	Ray W Lapolla	58	737-2776
431	Dorothy Sims	80	737-3891
500	Angela Hiland	77	737-6334
510	L Goidel	⌑	736-2847
	S A Rodriguez	81	737-4150
	S Wolf	84	739-9654
	M Wood	85	736-1017
513	Joseph Castano	71	737-0813
	Manny Castano	85	736-1065
514	Marla Ogof	83	736-0167
515	M Camille	83	736-0539
517	Mrs J Burns	69	739-1494
518	Mrs C S Bostic	74	737-3770
520	David M Smith	-	739-7673
521	Mrs Dossie McLeod	72	737-6292
524	Carol Lumia	⌑	737-9241
525		NP	
529	★ **Dominique Decratrs**	**75**	**737-0663**
531	600	NP	
601	William R Diamond	82	739-8531
603		NP	

Target Street	Cross Street	Source
-	✓	Cole Criss-Cross Directory

HIGHLAND AVE 1982

306	★Jan-Mar Tavern	737-9785
310	P E Lewis .76	739-6778
314	Mrs Anna L Gordon	737-1859
	★Monument Statnry	737-9802
318	★Baxters Pharmacy	737-3076
	C M Schultz .75	739-7520
400	★Highland Serv Sta	737-1504
405	★Pkski Beer&Sda Ctr	739-6783
411	★Highlnd Stm Ldry ¤	737-7033
412	Mrs Helen Waters .70	737-2074
414	F H Gilliland ¤	739-6489
416	Raymond W Gist .78	739-5997
418	Walter Birdsall .77	737-5871
	Edna Donovan .78	737-7967
419	Juan Santiago .70	739-3826
420	A M Ventry .62	739-2516
422	424 .NP	
428	T C MacPherson	739-4776
	James A McKeon .74	739-3568
432	.NP	
500	★Vancortiandt Garge	737-0624
	★Welchs Garage Inc	737-0624
501	★Mini Market	737-2221
506	Marcella Welch ¤	737-1109
507	George J Roberts .66	739-5308
	George W Roberts .71	739-4832
508	★Walts Wines&Lqrs ¤	737-7833
509	511 .NP	
514	Howard A Wessells .63	739-1051
516	.NP	

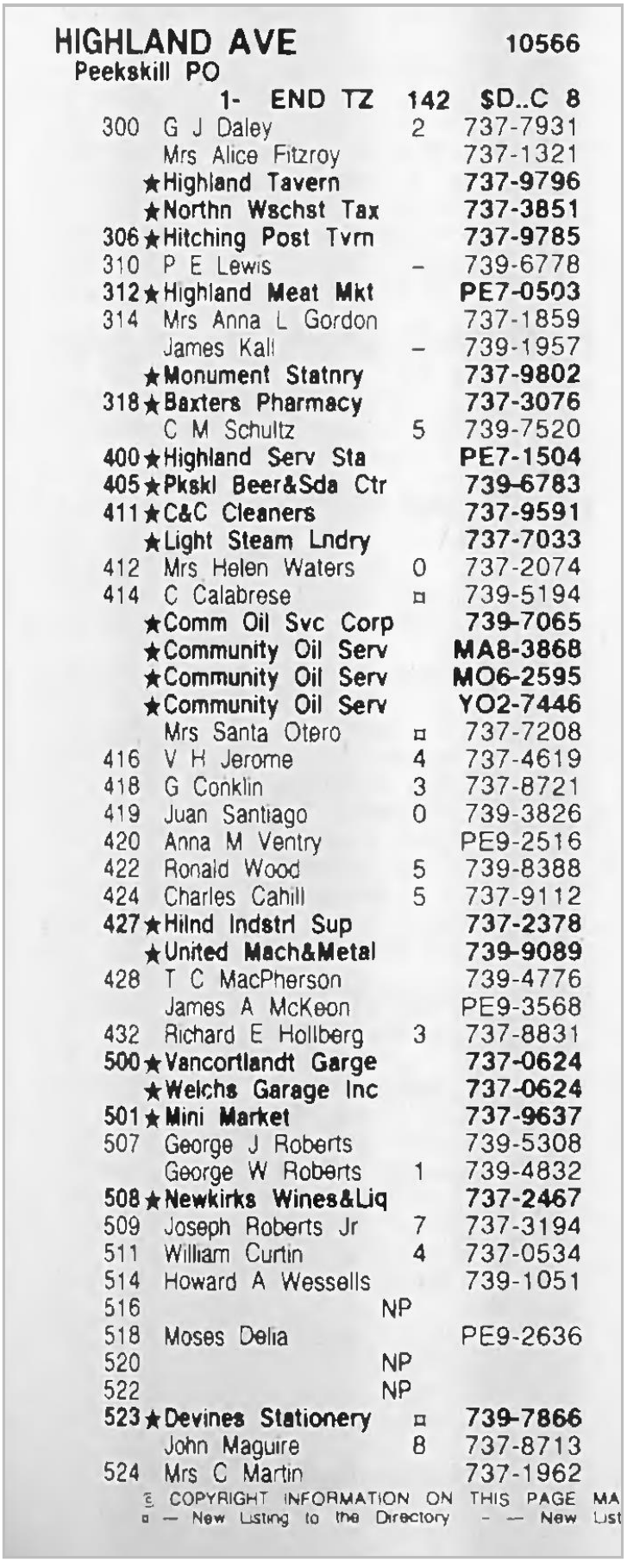
Target Street	Cross Street	Source
✓	-	Cole Criss-Cross Directory

N DIVISION ST 1982

311	Donato Sciullo 68	739-0539
317	Rupert H Sampson 74	739-5010
	Mrs Lil Williams .....-	739-8063
321	Mrs D Degroff 68	737-2561
323	Joseph A Carlin	739-0064
	James P McCloskey ....-	739-6534
	★**The Richard Press**	**737-1240**
401	Arthur F Strang 67	737-3274
404	Alex M Johnson 74	739-7526
408	William White 67	739-1779
409	410 .....NP	
411	John A Perrotto	739-4938
416	John Bazadona .....¤	737-6306
	Norman Booth 67	739-5087
	Richard J Gilleo 74	737-2414
418	★**St Labor Unemplymt** ...	**737-3490**
423	.....NP	
425	Donald Knapp 75	737-5375
	Ray W Lapolla	737-2776
431	Dorothy Sims .....-	737-3891
500	Angela Hiland 77	737-6334
510	★**Adams Masonry** .....¤	**737-6549**
	Ilona Berta 77	737-2310
	K Davis .....-	739-5493
	Hyman William 79	739-9666
513	Joseph Castano 71	737-0813
514	Mrs Alma Hickman 76	737-5907
515	M Rominuquie 76	739-7529
517	Mrs J Burns 69	739-1494
518	Mrs C S Bostic 74	737-3770
520	Woodroe Collins .....¤	737-8792
	Raymond A Poole 77	739-2790
521	Mrs Dossie McLeod 72	737-6292
524	Henry Evans .....-	739-1318
525	Robert Morris 79	737-8927
529	★**Dominique Decratrs**	**737-0663**
531	Hjalmar A Durham 78	739-8856

Target Street	Cross Street	Source
-	✓	Cole Criss-Cross Directory

HIGHLAND AVE 1977



HIGHLAND AVE **10566**

Peekskill PO

1- END TZ 142 $D..C 8

300	G J Daley	2	737-7931
	Mrs Alice Fitzroy		737-1321
	★**Highland Tavern**		**737-9796**
	★**Northn Wschst Tax**		**737-3851**
306	★**Hitching Post Tvrn**		**737-9785**
310	P E Lewis	–	739-6778
312	★**Highland Meat Mkt**		**PE7-0503**
314	Mrs Anna L Gordon		737-1859
	James Kall	–	739-1957
	★**Monument Statnry**		**737-9802**
318	★**Baxters Pharmacy**		**737-3076**
	C M Schultz	5	739-7520
400	★**Highland Serv Sta**		**PE7-1504**
405	★**Pkskl Beer&Sda Ctr**		**739-6783**
411	★**C&C Cleaners**		**737-9591**
	★**Light Steam Lndry**		**737-7033**
412	Mrs Helen Waters	0	737-2074
414	C Calabrese	¤	739-5194
	★**Comm Oil Svc Corp**		**739-7065**
	★**Community Oil Serv**		**MA8-3868**
	★**Community Oil Serv**		**MO6-2595**
	★**Community Oil Serv**		**YO2-7446**
	Mrs Santa Otero	¤	737-7208
416	V H Jerome	4	737-4619
418	G Conklin	3	737-8721
419	Juan Santiago	0	739-3826
420	Anna M Ventry		PE9-2516
422	Ronald Wood	5	739-8388
424	Charles Cahill	5	737-9112
427	★**Hilnd Indstrl Sup**		**737-2378**
	★**United Mach&Metal**		**739-9089**
428	T C MacPherson		739-4776
	James A McKeon		PE9-3568
432	Richard E Hollberg	3	737-8831
500	★**Vancortlandt Garge**		**737-0624**
	★**Welchs Garage Inc**		**737-0624**
501	★**Mini Market**		**737-9637**
507	George J Roberts		739-5308
	George W Roberts	1	739-4832
508	★**Newkirks Wines&Liq**		**737-2467**
509	Joseph Roberts Jr	7	737-3194
511	William Curtin	4	737-0534
514	Howard A Wessells		739-1051
516		NP	
518	Moses Delia		PE9-2636
520		NP	
522		NP	
523	★**Devines Stationery**	¤	**739-7866**
	John Maguire	8	737-8713
524	Mrs C Martin		737-1962

© COPYRIGHT INFORMATION ON THIS PAGE MA

¤ — New Listing to the Directory - — New List

Target Street	Cross Street	Source
✓	-	Cole Criss-Cross Directory

N DIVISION ST 1977

307	M B Guski	3	737-7806
	P Mack	¤	737-4565
311	Donato Sciullo	8	739-0539
	Vincent C Sciullo	4	739-9496
317	Rupert H Sampson	4	739-5010
321	Mrs D Degroff	8	737-2561
323	Joseph A Carlin		739-0064
	★**The Richard Press**		**PE7-1240**
401	Arthur F Strang	7	737-3274
404	Alex M Johnson	4	739-7526
408	William White	7	739-1779
409		NP	
410	Susie Morrison		739-6394
411	John A Perrotto		739-4938
416	Norman Booth	7	739-5087
	Richard J Gilleo	4	737-2414
	Victor Joseph	5	739-0492
	D Sheeley	¤	739-0355
	Janice Volpe	¤	739-0367
418	★**St Labor Unemplymt**		**737-3490**
421	★**Choice Plbg&Heatg**		**739-5356**
423		NP	
425	Donald Knapp	5	737-5375
	Ray W Lapolla		737-2776
431	D Dixon	¤	737-1308
500	Lewis R Hiland		PE7-6334
510	L Calvo	¤	737-3168
	Luis Correa	¤	737-6815
	L Manchester	5	737-9091
513	Joseph Castano	1	737-0813
514		NP	
515	M Rominuquie	¤	739-7529
517	Mrs J Burns	9	739-1494
518	Mrs C S Bostic	4	737-3770
520	Mrs Alma Hickman	¤	737-5907
521	Dossie McLeod		737-6292
524		NP	
525	Robert Morris		737-8927
526	Gerhard Benken	4	739-5624
	★**Phoenix Restrnt**		**737-9819**
529	★**Dominique Decratrs**		**737-0663**

Target Street	Cross Street	Source
-	✓	Cole Criss-Cross Directory

HIGHLAND AVE 1972

HIGHLAND AVE 10566

PEEKSKILL PO

... 1- END T 142 $E..C 8

298 EDWARD S SMOLIK 9 7396848
300 MRS ALICE FITZROY PE71321
JOSEPH P FLYNN 0 7375150
*HIGHLAND TAVERN 7379796
*PEEKSKL GUN DLRS 7373284
GEORGE SIMON 4 PE95248
MRS M STRUMKE 7 7373193
306*HITCHING POST TVRN 7379785
310 NP
312*HIGHLAND MEAT MKT PE70503
314 MRS ANNA L GORDON 7371859
MRS H KOURI PE94760
*MONUMENT STATNRY 7379802
N VOONASIS 0 7373967
318*BAXTERS PHARMACY PE73076
JAMES E HOFFER 7 7375763
320*UNITED CLEANRS&DYR PE79800
400*HIGHLAND SERV STA PE71504
405*PKSKL BEER&SDA CTR 7396783
411*LIGHT STEAM LNDRY 7377033
412 MRS H WATERS LPN 0 7372074
414 F APOLLONIA 0 7375121
F APOLLONIO 0 7375513
*COMMUNITY OIL SERV¤PE97065
*COMMUNITY OIL SERV¤MA83868
*COMMUNITY OIL SERV¤MO62595
*COMMUNITY OIL SERV¤YO27446
416 F ADAMS 7391314
RICHD K GORDINEER -7397646
418 LEONTINE M SLEIGHT-7390045
419 JUAN SANTIAGO 0 7393826
420 ANNA M VENTRY 2 PE92516
422 JAMES C SIM 4 PE75367
JAMES C SIM 4 7396585
424 KENNETH COONEY 7 7373119
427*MARIN HTG&AIR COND 7375530
428 C MACPHERSON 0 7377529
T C MACPHERSON PE94776
JAMES A MCKEON 4 PE93568
432 MRS EDWARD BLAICH4 PE72333
500*VANCORTLANDT GARGE 7370624
*WELCHS GARAGE INC 7370624
501*EMANS MARKET PE71047
*J SCHRAGIS GROCER PE71047
507 GEORGE J ROBERTS 6 PE95308
GEORGE W ROBERTS ¤PE94832
508*R DELANEY WINES 7372467
*DELANEYS WINES&LIQ 7372467
509 JOSEPH ROBERTS JR7 7373194
511 PETER G SCHERER 4 PE73162
514 HOWARD A WESSELLS3 7391051
516 MRS M MONTBELLIER9 PE71443
518 MOSES DELIA PE92636
520 ARTHUR FROST 4 PE70501
522 NP
523*HAUSER DELICATESSN PE79657

Target Street	Cross Street	Source
✓	-	Cole Criss-Cross Directory

N DIVISION ST 1972

307 ANITA M RUSSO 8 7377375
MRS H A VALENTINE 2 7392573
311 DONATO SCIULLO 8 PE90539
LEONARD STEPHENS 4 7375340
317 RUSSELL SIMON 7 7390488
FLO E TOMPKINS 5 7395668
MRS EMMA A TRAVIS 9 7374253
321 MRS D DEGROFF 8 7372561
323 JOSEPH A CARLIN 4 PE90064
*THE RICHARD PRESS PE71240
401 ARTHUR F STRANG 6 PE73274
404 JOSE VEGA 9 7370528
408 WILLIAM WHITE 7 7391779
409 GERALDINE PAILEGGI ¤7396921
PAUL WEISE 7395652
410 SUSIE MORRISON 7396394
411 JOHN A PERROTTO 4 PE94938
416 NORMAN BOOTH 7 7395087
JAMES HICKEY JR 7394247
HENRY B MAUGHAN 4 7377140
418*ST EMPLY OFC NO 80 7373490
421*H&S MACHINE CO 7371141
423 THOMAS PALUMBO ¤7391753
425 RAY W LAPOLLA PE72776
500 LEWIS R HILAND PE76334
510 FRANCISCO ESPINOZA ¤7398122
513 JOSEPH CASTANO -7370813
514 MRS KATH SNIFFEN 4 PE91363
515 NP
517 MRS J BURNS 9 PE91494
520 MRS YVONNE HARDIE 8 7377447
521 DOSSIE MCLEOD 2 7376292
524 M R GEORGE 8 7373824
NANCY VANCA 0 7390184
525 ROBERT MORRIS 7378927
526*PHOENIX RESTRNT 7379819
531 NP
600 CHARLES E BARGER 0 7395778
*GENES RESTRNT 7379734
V SHARPE 8 7374416
601 LOUIS CARVALHO 8 PE93495
603 J HOLMES ¤7397789
WILLIAM HOLMES 5 PE91299

418 North Division Street
418 North Division Street
Peekskill, NY 10566

Inquiry Number: 7846483.2s
December 11, 2024

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	9
Orphan Summary	354
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-11
Physical Setting Source Map Findings	A-13
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. **NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA) INFORMATION PROVIDED IN THIS REPORT.** Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2024 by Environmental Data Resources, LLC. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, LLC, or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

418 NORTH DIVISION STREET
PEEKSKILL, NY 10566

COORDINATES

Latitude (North):	41.2957700 - 41° 17' 44.77''
Longitude (West):	73.9193490 - 73° 55' 9.65''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	590480.1
UTM Y (Meters):	4571942.0
Elevation:	180 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	14122350 PEEKSKILL, NY
Version Date:	2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20190917
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
418 NORTH DIVISION STREET
PEEKSKILL, NY 10566

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	NG CAMP SMITH TNG SI		DOD	Same	4122, 0.781, NW
Reg	HUDSON RIVER PCBS	NO STREET APPLICABLE	NPL, SEMS, RCRA-LQG, US ENG CONTROLS, US INST...	Same	3779, 0.716, WSW
A1	A & N CLEANERS & LAU	411 HIGHLAND AVE	EDR Hist Cleaner	Lower	1 ft.
A2	HIGHLAND LIGHT STEAM	411-427 HIGHLAND AVE	NY UST	Lower	1 ft.
A3	WHITE PLAINS LINEN	411 HIGHLAND AVE	US AIRS	Lower	1 ft.
A4	WHITE PLAINS LINEN	411 HIGHLAND AVE	FINDS, ECHO	Lower	1 ft.
A5	407-419 HIGHLAND AVE	411 HIGHLAND AVE	NY CBS, NY Spills, NY AIRS	Lower	1 ft.
A6		411 HIGHLAND AVE	ERNS	Lower	1 ft.
A7	HIGHLAND LIGHT STEAM	411-427 HIGHLAND AVE	NY AST	Lower	1 ft.
A8	HIGHLAND LIGHT STEAM	411 HIGHLAND AVENUE	NY AST, NY CBS AST	Lower	1 ft.
A9	WHITEPLAINS LINEN/HI	411 HIGHLAND AVENUE	NY DRYCLEANERS	Lower	1 ft.
A10	WHITE PLAINS LINEN	427 HIGHLAND AVE	NY Spills	Lower	1 ft.
A11		429 HIGHLAND AVE	ERNS	Lower	1 ft.
A12	SPILL NUMBER 0302563	429 HIGHLAND AVE	NY Spills	Lower	1 ft.
B13	ROADWAY	501 HIGHLAND AVE	NY Spills	Lower	52, 0.010, NW
B14	RENTAL PROPERTY - US	949 CONSTANT AVE	NY Spills	Lower	60, 0.011, WNW
B15	VAN CORTLANDT GARAGE	500 HIGHLAND AVE	EDR Hist Auto	Lower	72, 0.014, NW
B16	POLE 10 &11	HIGHLAND AVE/CONSTRA	NY Spills	Lower	81, 0.015, NW
B17	SPILL NUMBER 9810581	HIGHLAND AVE/CONSTAN	NY Spills	Lower	82, 0.016, NW
A18	SECCOR JOSEPH T	400 HIGHLAND AVE	EDR Hist Auto	Lower	134, 0.025, South
A19	TURNER	400 HIGHLAND AVE	NY Spills	Lower	134, 0.025, South
B20	TREASURE SERVICE STA	529 HIGHLAND AVE	EDR Hist Auto	Lower	154, 0.029, NW
B21	ISLAND AUTOMOTIVE	529 HIGHLAND AVE	UST FINDER RELEASE	Lower	154, 0.029, NW
B22	TREASURE SERVICE STA	529 HIGHLAND AVE	NY LTANKS, NY Spills	Lower	154, 0.029, NW
B23	GAS STATION	529 HIGHLAND AVE	UST FINDER RELEASE	Lower	154, 0.029, NW
B24	529 HIGHLAND GAS AND	529 HIGHLAND AVENUE	NY UST, NY AST	Lower	154, 0.029, NW
B25	941 CONSTANT AVE	941 CONSTANT AVE	NY Spills	Lower	178, 0.034, WNW
B26	WESTYPO PRINTERS	540 HARRISON AVE	NY Spills	Lower	179, 0.034, North
C27	RESIDENCE	1003 ORCHARD ST	NY Spills	Higher	201, 0.038, SSE
A28	CARDENAS - OVERFILL	955 ORCHARD STREET	NY Spills	Lower	227, 0.043, SSW
C29	RESIDENCE	1014 ORCHARD ST	NY Spills	Higher	308, 0.058, SE
C30	SAMPSON HOME	307 NORTH DIVISION S	NY LTANKS	Lower	342, 0.065, SSE
C31	SUPERIOR AUTO BODY R	301 NO DIVISION ST	EDR Hist Auto	Lower	353, 0.067, SSE
C32	GEORGE SAMPSON INC.	301 NORTH DIVISION S	NY UST, NY AST	Lower	353, 0.067, SSE
C33	KEITHS AUTOMOTIVE	301 N DIVISION ST	NY Spills, NY AIRS	Lower	353, 0.067, SSE
C34	EXXON	301 NORTH DIVISION S	UST FINDER RELEASE	Lower	353, 0.067, SSE
C35	SUPERIOR AUTO BODY	301 N DIVISION ST	RCRA-VSQG, NY MANIFEST	Lower	353, 0.067, SSE
C36	EXXON	301 NORTH DIVISION S	NY LTANKS, NY Spills	Lower	353, 0.067, SSE
C37	SUPERIOR AUTO BODY	301 N DIVISION	NJ MANIFEST	Lower	353, 0.067, SSE

MAPPED SITES SUMMARY

Target Property Address:
418 NORTH DIVISION STREET
PEEKSKILL, NY 10566

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
D38	SPILL NUMBER 9900065	529 HYLAND AVE	NY Spills	Lower	373, 0.071, NNW
39	CON EDISON TRANSFORM	N JAMES ST & CONSTAN	RCRA NonGen / NLR, NY MANIFEST	Higher	380, 0.072, East
D40	AERIAL CABLE POLE #	PHOENIX & HARRISSON	NY Spills	Lower	412, 0.078, NNW
41	PETTIT WILLIAM	420 NO JAMES ST	EDR Hist Auto	Higher	422, 0.080, ESE
E42	MORALES - UST	920 FROST COURT	NY Spills	Lower	435, 0.082, South
D43	WHITE PLAINS LINEN	600 HIGHALND AVE	NY CBS, NY AST	Lower	466, 0.088, NNW
E44	CON EDISON	FROST CT & NORTH DIV	RCRA NonGen / NLR, FINDS, ECHO	Lower	475, 0.090, South
E45	CON ED	FROST CT & NORTH DIV	NY MANIFEST	Lower	475, 0.090, South
E46	CON EDISON	FROST CT & NORTH DIV	RCRA NonGen / NLR	Lower	475, 0.090, South
E47	CON EDISON	FROST CT & N DIVISON	NY MANIFEST	Lower	475, 0.090, South
E48	CON EDISON	FROST CT & NORTH DIV	NJ MANIFEST	Lower	475, 0.090, South
E49	CON EDISON	FROST CT & N DIVISON	NJ MANIFEST	Lower	475, 0.090, South
E50	CON EDISON	911 FROST CT	NJ MANIFEST	Lower	476, 0.090, South
E51	CON EDISON	911 FROST CT	RCRA NonGen / NLR	Lower	476, 0.090, South
E52	CON EDISON	911 FROST CT	NY MANIFEST	Lower	476, 0.090, South
D53	BASE OF POLE W8	HIGHLAND + PHEONIX A	NY Spills	Lower	515, 0.098, NNW
D54	WESTCHESTER CO TREAT	HIGHLAND AVE	NY Spills	Lower	515, 0.098, NNW
55	IN CATCH BASIN	1004 CORTLAND ST	NY Spills	Lower	527, 0.100, SSE
56	REAL ESTATE - TTF	540 NORTH JAMES ST	NY LTANKS	Higher	531, 0.101, NE
57	RES	929 PHOENIX AVE	NY LTANKS	Higher	554, 0.105, NW
F58	CRUZ - FORMER UST	614 HIGHLAND AVE	NY Spills	Lower	644, 0.122, NNW
G59	POLE #W7	N JAMES ST & CORTLAN	NY Spills	Higher	660, 0.125, SE
H60	PASADO HOME	1125 ORCHARD STREET	NY LTANKS	Higher	734, 0.139, ESE
I61	AVIS RENT-A-CAR	200 NORTH DIVISION S	NY UST	Lower	770, 0.146, South
62	MALOY RESIDENCE	421 NELSON AVE	NY LTANKS	Higher	782, 0.148, West
F63	GUALIPA - TTF	627 HIGHLAND AVE	NY LTANKS	Lower	792, 0.150, NNW
G64	RESIDENCE	1111 CORTLAND ST	NY LTANKS	Higher	827, 0.157, SE
G65	TTF	1114 CORTLANDT STREE	NY LTANKS	Higher	842, 0.159, SE
I66	CON EDISON MANHOLE 7	HOWARD ST & DIVISION	RCRA NonGen / NLR, NY MANIFEST, NJ MANIFEST	Lower	848, 0.161, South
J67	PRIVATE HOME	321 NELSON AVE	NY LTANKS	Lower	916, 0.173, SW
K68	COTHREN - TTF	536 KISSAM RD	NY LTANKS	Higher	940, 0.178, ENE
J69	SPILL NUMBER 0212878	315 NELSON AVE	NY LTANKS	Lower	945, 0.179, SW
H70	SOUTH PRESBYTERIAN C	343 BROAD ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	989, 0.187, ESE
K71	RESIDENCE	535 KISSAM RD	NY LTANKS	Higher	991, 0.188, ENE
72	PRIVATE HOME	671 MCCORD PLACE	NY LTANKS	Lower	1011, 0.191, North
73	CON EDISON TRANSFORM	10 N JAMES ST	RCRA NonGen / NLR, NY MANIFEST	Higher	1053, 0.199, NE
L74	RAY STEWART	229 NELSON AVE	NY LTANKS	Lower	1090, 0.206, SW
75	RESIDENCE	225 NORTH BROAD STRE	NY LTANKS	Higher	1116, 0.211, ESE
L76	SPILL NUMBER 9808748	217 NELSON AVENUE	NY LTANKS	Lower	1178, 0.223, SW

MAPPED SITES SUMMARY

Target Property Address:
418 NORTH DIVISION STREET
PEEKSKILL, NY 10566

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
77	MIKLUSKI HOME	937 REYNOLDS STREET	NY LTANKS	Lower	1189, 0.225, NNW
78	SPILL NUMBER 0103947	305 DECATUR AVE	NY LTANKS	Higher	1270, 0.241, WSW
M79	KELLY COURTS, INC.	205 NELSON AVENUE	NY UST	Lower	1272, 0.241, SW
M80	KELLY COURTS INC	205 NELSON AVE	NY LTANKS, NY Spills	Lower	1272, 0.241, SW
N81	COMMERCIAL ESTABLISH	120 NORTH JAMES STRE	NY LTANKS	Lower	1275, 0.241, SSE
N82	UNITED METHODIST CHU	1040 MAIN STREET	NY UST	Lower	1279, 0.242, SSE
N83	NYSOMH-RPC-PEEKSKILL	1040 MAIN ST	RCRA-VSQG	Lower	1279, 0.242, SSE
O84	WESTCHESTER COMM COL	2735 NORTH DIVISION	NY LTANKS	Lower	1291, 0.245, South
85	HOME	681 NORTH DIVISION S	NY LTANKS	Lower	1307, 0.248, NNE
86	LOGOS HOME	611 DECATUR AVENUE	NY LTANKS	Higher	1312, 0.248, WNW
O87	CON EDISON	OPP 994 MAIN ST	NY MANIFEST	Lower	1317, 0.249, South
N88	COMMERCIAL PROP - TT	1061 MAIN ST	NY LTANKS	Lower	1335, 0.253, SSE
O89	AMERICAN RETAIL GROU	39 NORTH DIVISION ST	NY LTANKS	Lower	1398, 0.265, South
M90	YAHURE RESIDENCE	116 NELSON AVE	NY LTANKS	Lower	1401, 0.265, SSW
P91	SPANISH CHURCH	944 MAIN ST	NY LTANKS	Lower	1425, 0.270, SSW
P92	SPANISH CHURCH	940 MAIN STREET	NY LTANKS	Lower	1435, 0.272, SSW
Q93	DEVIR RES	1231 SEYMOUR DR	NY LTANKS	Higher	1436, 0.272, ENE
R94	REAL ESATE TRANSACTI	1122 MAIN STREET	NY LTANKS	Lower	1472, 0.279, SSE
P95	THE LOFTS ON MAIN	922 MAIN STREET AND	NY BROWNFIELDS	Lower	1488, 0.282, SSW
96	FERRIS - TTF	117 NORTH BROAD STRE	NY LTANKS	Lower	1490, 0.282, SE
Q97	GRIFFITHS RESIDENCE	1230 SEYMOUR LN	NY LTANKS	Higher	1510, 0.286, ENE
R98	OFFICE BUILDING	1132 MAIN STREET	NY LTANKS	Lower	1536, 0.291, SE
S99	CLOSED BUSINESS	900 MAIN ST	NY LTANKS	Lower	1560, 0.295, SSW
S100	APARTMENT COMPLEX	900-902 MAIN STREET	NY LTANKS	Lower	1560, 0.295, SSW
T101	BUSINESS	20 NORTH DIVISION ST	NY LTANKS, NY Spills	Lower	1619, 0.307, South
S102	RICHARD LEINS	840 MAIN STREET	NY LTANKS, NY Spills, NY SPDES	Lower	1661, 0.315, SSW
103	SPILL NUMBER 0006912	1049 PARK ST	NY LTANKS	Lower	1685, 0.319, SSE
T104	HERSH & HERSH	2 SOUTH DIVISION ST	NY LTANKS	Lower	1699, 0.322, South
105	PRIVATE RESD	800 PAULDING STREET	NY LTANKS	Higher	1708, 0.323, WSW
U106	CONDO COMPLEX	1 ROLLING WAY	NY LTANKS, NY Spills	Higher	1798, 0.341, NE
U107	PBS	5 ROLLING WAY	NY LTANKS, NY AST, NY Spills	Higher	1802, 0.341, NE
U108	CONDO	5 ROLLING WAY BLDG #	NY LTANKS, NY Spills	Higher	1802, 0.341, NE
V109	VEHICLE	828 MAIN ST	NY LTANKS, NY Spills	Lower	1808, 0.342, SW
W110	CON EDISON - CENTRAL	900 CENTRAL AVE. AND	EDR MGP	Lower	1819, 0.345, SSW
V111	BOHLMANN TOWERS	807 MAIN STREET	NY LTANKS, NY AST, NY Spills	Lower	1844, 0.349, SW
V112	PBS OVERFILL	807 MAIN STREET	NY LTANKS, NY Spills	Lower	1844, 0.349, SW
113	SUNOCO GAS STATION	722 DIVISION ST	NY LTANKS, NY Spills	Lower	1852, 0.351, NNE
W114	PEEKSKILL LIBRARY	4 NELSON AVE	NY LTANKS, NY Spills	Lower	1920, 0.364, SSW
X115	WESTCHESTER RESCO CO	ONE CHARLES POINT AV	NY SWRCY	Lower	1922, 0.364, South

MAPPED SITES SUMMARY

Target Property Address:
418 NORTH DIVISION STREET
PEEKSKILL, NY 10566

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
W116	CE - CENTRAL AVE-PEE	900 CENTRAL AVE & 90	NY SHWS, NY VCP, NY MGP	Lower	1923, 0.364, SSW
X117	MEARL	1057 SOUTH ST	NY LTANKS	Lower	1926, 0.365, South
W118	PBS TTF	2 NELSON ST	NY LTANKS	Lower	1930, 0.366, SSW
W119	CITY OF PEEKSKILL PD	2 NELSON AVE	NY LTANKS	Lower	1930, 0.366, SSW
120	SHATAU REVE APTS.	OLD ST. MARUSST OFF	NY LTANKS	Lower	2094, 0.397, SW
Y121	PAGING BUSINESS	11 SOUTH BROAD ST	UST FINDER RELEASE	Lower	2110, 0.400, SSE
122	HUDSON VIEW ESTATE B	2 LAKEVIEW DRIVE	NY LTANKS	Higher	2195, 0.416, NNW
Y123	RICHIE'S S/S	17 SOUTH BROAD ST	NY LTANKS	Lower	2202, 0.417, SSE
Y124	RICHIE'S S/S GULF	17 SOUTH BROAD STREE	UST FINDER RELEASE	Lower	2202, 0.417, SSE
Y125	RICHIE'S S/S	17 SOUTH BROAD	UST FINDER RELEASE	Lower	2202, 0.417, SSE
Z126	CHURCH OF THE ASSUMP	920 FIRST STREET	NY LTANKS, NY AST	Lower	2229, 0.422, South
Z127	MOHAMED HOME	925 FIRST STREET	NY LTANKS	Lower	2245, 0.425, South
Z128	TOM HALZWEISS	921 FIRST ST	NY LTANKS	Lower	2263, 0.429, South
AA129	WESLEY HALL	801 SOUTH STREET	NY LTANKS	Lower	2276, 0.431, SSW
AA130	P&L MANAGEMENT CONS.	801 SOUTH STREET	NY LTANKS	Lower	2276, 0.431, SSW
AA131	PBS	801 SOUTH STREET	NY LTANKS	Lower	2276, 0.431, SSW
AA132	P & L MANAGMENT CONS	801 SOUTH STREET	NY LTANKS	Lower	2276, 0.431, SSW
133	RIVERHOUSE CONDOMINI	150 OVERLOOK PLACE	NY LTANKS, NY Spills	Higher	2305, 0.437, East
Y134	GRIFFINS LANDSCAPING	1234 LINCOLN TERR	NY LTANKS	Lower	2344, 0.444, SSE
AB135	CAMP STERNBRG	UTOPIA RD	NY LTANKS, NY Spills	Higher	2385, 0.452, ESE
AC136	ROE HOOK PARK	RT 35/202/6 BEAR MT.	NY LTANKS	Lower	2400, 0.455, SW
AD137	ATLANTIC MINI MART	800 NORTH DIVISION S	NY LTANKS, NY Spills	Lower	2422, 0.459, NNE
AD138	A PLUS MINI MART	800 NORTH DIVISION S	UST FINDER RELEASE	Lower	2422, 0.459, NNE
AD139	SUNOCO STATION	800 NORTH DIVISION S	UST FINDER RELEASE	Lower	2422, 0.459, NNE
140	HUDSONVIEW ESTATES	PEMART AVE	NY LTANKS	Lower	2431, 0.460, NW
AB141	PEEKSKILL AMBULANCE	1427 MAIN STREET	NY LTANKS	Higher	2506, 0.475, ESE
AE142	LUZ HOME	15 CHARLES STREET	NY LTANKS, NY Spills	Lower	2517, 0.477, SE
AC143	SPILL NUMBER 0201382	660 MAIN ST	NY LTANKS	Lower	2539, 0.481, SW
AE144	LINCOLN TITUS SCHOOL	LINCOLN AVE	NY LTANKS	Lower	2549, 0.483, ESE
AF145	SPILL NUMBER 0004310	147 UNION AVE	NY LTANKS	Lower	2606, 0.494, South
AF146	GUEVARA RESIDENCE	150 UNION AVE	NY LTANKS	Lower	2631, 0.498, South
AG147	EDNALITE CORP	200 N WATER ST	CORRACTS, RCRA-TSDF, NY Spills, RCRA NonGen / NLR,...	Lower	3682, 0.697, WSW
AG148	CON EDISON - PEMART	189-199 NORTH WATER	EDR MGP	Lower	3694, 0.700, WSW
AG149	CE - PEMART AVE-PEEK	189-199 NORTH WATER	NY SHWS, NY MGP	Lower	3694, 0.700, WSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Lists of Federal RCRA generators

RCRA-SQG ---------- RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System

Lists of state and tribal landfills and solid waste disposal facilities

NY SWF/LF ---------- Facility Register

Lists of state and tribal leaking storage tanks

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land
NY HIST LTANKS ---------- Listing of Leaking Storage Tanks

Lists of state and tribal registered storage tanks

FEMA UST ---------- Underground Storage Tank Listing

NY CBS UST ---- Chemical Bulk Storage Database
NY MOSF UST ---- Major Oil Storage Facilities Database
NY MOSF ---- Major Oil Storage Facility Site Listing
NY MOSF AST ---- Major Oil Storage Facilities Database
INDIAN UST ---- Underground Storage Tanks on Indian Land
NY TANKS ---- Storage Tank Faciliy Listing

State and tribal institutional control / engineering control registries

NY RES DECL ---- Restrictive Declarations Listing
NY ENG CONTROLS ---- Registry of Engineering Controls
NY INST CONTROL ---- Registry of Institutional Controls

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

NY ERP ---- Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWTIRE ---- Registered Waste Tire Storage & Facility List
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
ODI ---- Open Dump Inventory
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---- Delisted National Clandestine Laboratory Register
NY DEL SHWS ---- Delisted Registry Sites
US CDL ---- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

NY HIST UST ---- Historical Petroleum Bulk Storage Database
NY HIST AST ---- Historical Petroleum Bulk Storage Database

Local Land Records

NY LIENS ---- Spill Liens Information
LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System

NY Hist Spills ---- SPILLS Database
NY SPILLS 90 ---- SPILLS 90 data from FirstSearch
NY SPILLS 80 ---- SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
MINES MRDS ---- Mineral Resources Data System
UXO ---- Unexploded Ordnance Sites
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
PFAS NPL ---- Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES ---- Federal Sites PFAS Information
PFAS TRIS ---- List of PFAS Added to the TRI
PFAS TSCA ---- PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST ---- PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR ---- PFAS Contamination Site Location Listing
PFAS WQP ---- Ambient Environmental Sampling for PFAS
PFAS NPDES ---- Clean Water Act Discharge Monitoring Information
PFAS PROJECT ---- NORTHEASTERN UNIVERSITY PFAS PROJECT
PFAS ECHO ---- Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAIN ---- Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT ---- All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC ---- Aqueous Foam Related Incidents Listing
BIOSOLIDS ---- ICIS-NPDES Biosolids Facility Data
UST FINDER ---- UST Finder Database
E MANIFEST ---- Hazardous Waste Electronic Manifest System
NY PFAS ---- PFAS Contamination Site Location Listing
NY COAL ASH ---- Coal Ash Disposal Site Listing

NY E DESIGNATION - E DESIGNATION SITE LISTING
NY Financial Assurance - Financial Assurance Information Listing
NY HSWDS - Hazardous Substance Waste Disposal Site Inventory
NY LEAD - Lead-based Paint Testing Results
NY VAPOR REOPENED - Vapor Intrusion Legacy Site List
NY UIC - Underground Injection Control Wells
NY COOLING TOWERS - Registered Cooling Towers
NY NYC OER - OER Cleanup Sites Listing
NY ILI - New York State Inactive Landfill Initiative
NY NYC LAND USE - New York City Land Use Information

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS - Recovered Government Archive State Hazardous Waste Facilities List
NY RGA LF - Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 09/25/2024 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS Cerclis ID:: 202229 EPA Id: NYD980763841	***NO STREET APPLICABLE***	***WSW 1/2 - 1 (0.716 mi.)***	***0***	***9***

EXECUTIVE SUMMARY

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/16/2024 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
EDNALITE CORP EPA ID:: NYD001392273	***200 N WATER ST***	***WSW 1/2 - 1 (0.697 mi.)***	***AG147***	***324***

Lists of Federal RCRA generators

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 09/16/2024 has revealed that there are 2 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUPERIOR AUTO BODY EPA ID:: NYD013029228	***301 N DIVISION ST***	***SSE 0 - 1/8 (0.067 mi.)***	***C35***	***91***
NYSOMH-RPC-PEEKSKILL EPA ID:: NYR000261818	1040 MAIN ST	SSE 1/8 - 1/4 (0.242 mi.)	N83	186

Federal ERNS list

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 06/11/2024 has revealed that there are 2 ERNS sites within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported NRC Report #: 151471 Incident Date Time: 1993-01-01 07:00:00	411 HIGHLAND AVE	0 - 1/8 (0.000 mi.)	A6	42
Not reported NRC Report #: 647448 Incident Date Time: 2003-06-10 13:50:00	429 HIGHLAND AVE	0 - 1/8 (0.000 mi.)	A11	53

EXECUTIVE SUMMARY

Lists of state- and tribal hazardous waste facilities

NY SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the NY SHWS list, as provided by EDR, and dated 08/01/2024 has revealed that there are 2 NY SHWS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CE - CENTRAL AVE-PEE Site Code: 566778	***900 CENTRAL AVE & 90***	***SSW 1/4 - 1/2 (0.364 mi.)***	***W116***	***269***
CE - PEMART AVE-PEEK Site Code: 566776	***189-199 NORTH WATER***	***WSW 1/2 - 1 (0.700 mi.)***	***AG149***	***342***

Lists of state and tribal leaking storage tanks

NY LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the NY LTANKS list, as provided by EDR, and dated 11/03/2024 has revealed that there are 75 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REAL ESTATE - TTF Spill Number/Closed Date: 1602883 / 2016-09-09 Site ID: 529312 Spill Date: 2016-06-22	540 NORTH JAMES ST	NE 0 - 1/8 (0.101 mi.)	56	140
RES Spill Number/Closed Date: 0505240 / 2005-10-29 Site ID: 350191 Spill Date: 2005-07-29	929 PHOENIX AVE	NW 0 - 1/8 (0.105 mi.)	57	141
PASADO HOME Spill Number/Closed Date: 0606845 / 2012-08-17 Site ID: 370261 Spill Date: 2006-09-14	1125 ORCHARD STREET	ESE 1/8 - 1/4 (0.139 mi.)	H60	144
MALOY RESIDENCE Spill Number/Closed Date: 0308544 / 2004-02-19 Site ID: 175715 Spill Date: 2003-11-12	421 NELSON AVE	W 1/8 - 1/4 (0.148 mi.)	62	147
RESIDENCE Spill Number/Closed Date: 9511557 / 1995-12-18 Site ID: 152553 Spill Date: 1995-12-13	1111 CORTLAND ST	SE 1/8 - 1/4 (0.157 mi.)	G64	149
TTF	1114 CORTLANDT STREE	SE 1/8 - 1/4 (0.159 mi.)	G65	150

Spill Number/Closed Date: 0713448 / 2008-09-14
Site ID: 395198
Spill Date: 2008-03-20

COTHREN - TTF	536 KISSAM RD	ENE 1/8 - 1/4 (0.178 mi.)	K68	158
Spill Number/Closed Date: 1311203 / 2014-06-18 Site ID: 492092 Spill Date: 2014-02-28				
RESIDENCE	535 KISSAM RD	ENE 1/8 - 1/4 (0.188 mi.)	K71	166
Spill Number/Closed Date: 0805077 / 2008-12-11 Site ID: 402116 Spill Date: 2008-07-31				
RESIDENCE	225 NORTH BROAD STRE	ESE 1/8 - 1/4 (0.211 mi.)	75	174
Spill Number/Closed Date: 0507662 / 2005-12-18 Site ID: 353109 Spill Date: 2005-09-26				
SPILL NUMBER 0103947	305 DECATUR AVE	WSW 1/8 - 1/4 (0.241 mi.)	78	178
Spill Number/Closed Date: 0103947 / 2001-07-17 Site ID: 108951 Spill Date: 2001-07-13				
LOGOS HOME	611 DECATUR AVENUE	WNW 1/8 - 1/4 (0.248 mi.)	86	193
Spill Number/Closed Date: 0600191 / 2006-06-29 Spill Number/Closed Date: 0602419 / 2006-07-07 Site ID: 362145 Site ID: 364880 Spill Date: 2006-04-06 Spill Date: 2006-06-02				
DEVIR RES	1231 SEYMOUR DR	ENE 1/4 - 1/2 (0.272 mi.)	Q93	204
Spill Number/Closed Date: 9512189 / 1996-03-14 Site ID: 285844 Spill Date: 1995-12-28				
GRIFFITHS RESIDENCE	1230 SEYMOUR LN	ENE 1/4 - 1/2 (0.286 mi.)	Q97	210
Spill Number/Closed Date: 0405700 / 2004-12-12 Site ID: 119376 Spill Date: 2004-08-24				
PRIVATE RESD	800 PAULDING STREET	WSW 1/4 - 1/2 (0.323 mi.)	105	226
Spill Number/Closed Date: 1012889 / 2013-06-06 Site ID: 447188 Spill Date: 2011-03-26				
CONDO COMPLEX	***1 ROLLING WAY***	***NE 1/4 - 1/2 (0.341 mi.)***	***U106***	***227***
Spill Number/Closed Date: 0308445 / 2003-12-16 Site ID: 213339 Spill Date: 2003-09-09				
PBS	***5 ROLLING WAY***	***NE 1/4 - 1/2 (0.341 mi.)***	***U107***	***230***
Spill Number/Closed Date: 0701505 / 2011-11-30 Spill Number/Closed Date: 2100456 / 2021-06-22 Spill Number/Closed Date: 0209378 / 2003-04-24 Spill Number/Closed Date: 9901569 / 2000-02-07 Spill Number/Closed Date: 0408134 / 2005-01-04 **Additional key fields are available in the Map Findings section* Site ID: 381032 Site ID: 618133				

Site ID: 304674
Site ID: 304675
Site ID: 332784
**Additional key fields are available in the Map Findings section*
Spill Date: 2007-05-07
Spill Date: 2021-04-15
Spill Date: 2002-11-12
Spill Date: 1999-05-07
Spill Date: 2004-10-20
**Additional key fields are available in the Map Findings section*

CONDO	***5 ROLLING WAY BLDG #***	***NE 1/4 - 1/2 (0.341 mi.)***	***U108***	***244***
Spill Number/Closed Date: 0602895 / 2007-01-29				
Site ID: 365477				
Spill Date: 2006-06-15				
HUDSON VIEW ESTATE B	2 LAKEVIEW DRIVE	NNW 1/4 - 1/2 (0.416 mi.)	122	283
Spill Number/Closed Date: 0208600 / 2008-10-27				
Spill Number/Closed Date: 0805463 / 2008-10-27				
Site ID: 81891				
Site ID: 402567				
Spill Date: 2002-11-19				
Spill Date: 2008-08-11				
RIVERHOUSE CONDOMINI	***150 OVERLOOK PLACE***	***E 1/4 - 1/2 (0.437 mi.)***	***133***	***303***
Spill Number/Closed Date: 0101697 / 2001-05-18				
Site ID: 174959				
Spill Date: 2001-05-14				
CAMP STERNBRG	***UTOPIA RD***	***ESE 1/4 - 1/2 (0.452 mi.)***	***AB135***	***306***
Spill Number/Closed Date: 0001480 / 2000-05-30				
Site ID: 303160				
Spill Date: 2000-05-05				
PEEKSKILL AMBULANCE	1427 MAIN STREET	ESE 1/4 - 1/2 (0.475 mi.)	AB141	316
Spill Number/Closed Date: 0608802 / 2007-02-04				
Site ID: 372836				
Spill Date: 2006-10-31				

Lower Elevation	Address	Direction / Distance	Map ID	Page
TREASURE SERVICE STA	***529 HIGHLAND AVE***	***NW 0 - 1/8 (0.029 mi.)***	***B22***	***67***
Spill Number/Closed Date: 8903577 / 1989-07-25				
Spill Number/Closed Date: 9811761 / 2004-07-09				
Site ID: 294955				
Site ID: 294956				
Spill Date: 1989-07-10				
Spill Date: 1998-12-18				
SAMPSON HOME	307 NORTH DIVISION S	SSE 0 - 1/8 (0.065 mi.)	C30	82
Spill Number/Closed Date: 0709223 / 2013-01-30				
Site ID: 390264				
Spill Date: 2007-11-16				
EXXON	***301 NORTH DIVISION S***	***SSE 0 - 1/8 (0.067 mi.)***	***C36***	***105***
Spill Number/Closed Date: 9003673 / 1990-09-26				
Spill Number/Closed Date: 8903884 / 1992-07-30				
Site ID: 82641				
Site ID: 82640				

Spill Date: 1990-07-02 Spill Date: 1989-07-18				
GUALIPA - TTF Spill Number/Closed Date: 1214693 / 2015-08-20 Site ID: 477950 Spill Date: 2013-01-17	627 HIGHLAND AVE	NNW 1/8 - 1/4 (0.150 mi.)	F63	148
PRIVATE HOME Spill Number/Closed Date: 0712737 / 2008-06-08 Site ID: 394395 Spill Date: 2008-03-04	321 NELSON AVE	SW 1/8 - 1/4 (0.173 mi.)	J67	156
SPILL NUMBER 0212878 Spill Number/Closed Date: 0212878 / 2003-04-29 Spill Number/Closed Date: 0206197 / 2003-04-29 Site ID: 282620 Site ID: 137987 Spill Date: 2003-03-26 Spill Date: 2002-09-16	315 NELSON AVE	SW 1/8 - 1/4 (0.179 mi.)	J69	159
PRIVATE HOME Spill Number/Closed Date: 0511782 / 2006-03-15 Site ID: 358012 Spill Date: 2006-01-12	671 MCCORD PLACE	N 1/8 - 1/4 (0.191 mi.)	72	168
RAY STEWART Spill Number/Closed Date: 9012143 / 1991-04-23 Site ID: 109330 Spill Date: 1991-02-21	229 NELSON AVE	SW 1/8 - 1/4 (0.206 mi.)	L74	172
SPILL NUMBER 9808748 Spill Number/Closed Date: 9808748 / 1998-11-17 Site ID: 135352 Spill Date: 1998-10-14	217 NELSON AVENUE	SW 1/8 - 1/4 (0.223 mi.)	L76	175
MIKLUSKI HOME Spill Number/Closed Date: 0502292 / 2005-07-17 Site ID: 346627 Spill Date: 2005-05-26	937 REYNOLDS STREET	NNW 1/8 - 1/4 (0.225 mi.)	77	176
KELLY COURTS INC Spill Number/Closed Date: 0812992 / 2009-04-14 Spill Number/Closed Date: 1410979 / 2020-09-24 Spill Number/Closed Date: 1411115 / 2020-09-24 Site ID: 410650 Site ID: 504718 Site ID: 504865 Spill Date: 2009-03-03 Spill Date: 2015-02-18 Spill Date: 2015-02-23	***205 NELSON AVE***	***SW 1/8 - 1/4 (0.241 mi.)***	***M80***	***179***
COMMERCIAL ESTABLISH Spill Number/Closed Date: 0008785 / 2005-04-24 Site ID: 273421 Spill Date: 2000-10-26	120 NORTH JAMES STRE	SSE 1/8 - 1/4 (0.241 mi.)	N81	184
WESTCHESTER COMM COL Spill Number/Closed Date: 9704140 / 2018-12-14 Site ID: 104577 Spill Date: 1997-07-07	2735 NORTH DIVISION	S 1/8 - 1/4 (0.245 mi.)	O84	189
HOME	681 NORTH DIVISION S	NNE 1/8 - 1/4 (0.248 mi.)	85	191

Spill Number/Closed Date: 0407599 / 2006-11-01
Spill Number/Closed Date: 0603927 / 2006-10-29
Site ID: 332117
Site ID: 366778
Spill Date: 2004-10-08
Spill Date: 2006-07-10

COMMERCIAL PROP - TT	1061 MAIN ST	SSE 1/4 - 1/2 (0.253 mi.)	N88	197
Spill Number/Closed Date: 9913830 / 2000-03-20 Site ID: 309168 Spill Date: 2000-03-08				
AMERICAN RETAIL GROU	39 NORTH DIVISION ST	S 1/4 - 1/2 (0.265 mi.)	O89	199
Spill Number/Closed Date: 9503723 / 2005-01-02 Site ID: 171490 Spill Date: 1995-06-23				
YAHURE RESIDENCE	116 NELSON AVE	SSW 1/4 - 1/2 (0.265 mi.)	M90	200
Spill Number/Closed Date: 0109343 / 2002-01-22 Site ID: 173254 Spill Date: 2001-12-21				
SPANISH CHURCH	944 MAIN ST	SSW 1/4 - 1/2 (0.270 mi.)	P91	202
Spill Number/Closed Date: 0201521 / 2002-05-10 Site ID: 89732 Spill Date: 2002-05-10				
SPANISH CHURCH	940 MAIN STREET	SSW 1/4 - 1/2 (0.272 mi.)	P92	203
Spill Number/Closed Date: 9210374 / 1992-12-09 Site ID: 67985 Spill Date: 1992-12-08				
REAL ESATE TRANSACTI	1122 MAIN STREET	SSE 1/4 - 1/2 (0.279 mi.)	R94	205
Spill Number/Closed Date: 0608781 / 2010-02-02 Site ID: 372808 Spill Date: 2006-10-31				
FERRIS - TTF	117 NORTH BROAD STRE	SE 1/4 - 1/2 (0.282 mi.)	96	209
Spill Number/Closed Date: 0111366 / 2012-04-16 Site ID: 128864 Spill Date: 2002-03-01				
OFFICE BUILDING	1132 MAIN STREET	SE 1/4 - 1/2 (0.291 mi.)	R98	212
Spill Number/Closed Date: 0501340 / 2005-06-19 Site ID: 344539 Spill Date: 2005-05-03				
CLOSED BUSINESS	900 MAIN ST	SSW 1/4 - 1/2 (0.295 mi.)	S99	213
Spill Number/Closed Date: 0200881 / 2006-04-04 Site ID: 254874 Spill Date: 2002-04-23				
APARTMENT COMPLEX	900-902 MAIN STREET	SSW 1/4 - 1/2 (0.295 mi.)	S100	214
Spill Number/Closed Date: 0204295 / 2003-04-08 Site ID: 297409 Spill Date: 2002-07-24				
BUSINESS	***20 NORTH DIVISION ST***	***S 1/4 - 1/2 (0.307 mi.)***	***T101***	***215***
Spill Number/Closed Date: 0608998 / 2006-12-01 Site ID: 373094 Spill Date: 2006-11-06				
RICHARD LEINS	***840 MAIN STREET***	***SSW 1/4 - 1/2 (0.315 mi.)***	***S102***	***218***

Spill Number/Closed Date: 1207301 / 2012-11-14
Spill Number/Closed Date: 2205051 / 2022-12-09
Site ID: 470351
Site ID: 642230
Spill Date: 2012-10-24
Spill Date: 2022-09-09

SPILL NUMBER 0006912 | 1049 PARK ST | SSE 1/4 - 1/2 (0.319 mi.) | 103 | 223
Spill Number/Closed Date: 0006912 / 2000-11-14
Site ID: 62501
Spill Date: 2000-09-08

HERSH & HERSH | 2 SOUTH DIVISION ST | S 1/4 - 1/2 (0.322 mi.) | T104 | 224
Spill Number/Closed Date: 0206128 / 2006-11-01
Spill Number/Closed Date: 0211110 / 2003-05-05
Site ID: 139292
Site ID: 98245
Spill Date: 2002-09-13
Spill Date: 2003-02-05

VEHICLE | ***828 MAIN ST*** | ***SW 1/4 - 1/2 (0.342 mi.)*** | ***V109*** | ***246***
Spill Number/Closed Date: 0512538 / 2006-01-30
Site ID: 358856
Spill Date: 2006-01-28

BOHLMANN TOWERS | ***807 MAIN STREET*** | ***SW 1/4 - 1/2 (0.349 mi.)*** | ***V111*** | ***249***
Spill Number/Closed Date: 0811079 / 2013-11-14
Spill Number/Closed Date: 8802623 / 2005-04-17
Site ID: 408630
Site ID: 153673
Spill Date: 2009-01-06
Spill Date: 1988-06-22

PBS OVERFILL | ***807 MAIN STREET*** | ***SW 1/4 - 1/2 (0.349 mi.)*** | ***V112*** | ***253***
Spill Number/Closed Date: 1410115 / 2022-12-05
Site ID: 503781
Spill Date: 2015-01-15

SUNOCO GAS STATION | ***722 DIVISION ST*** | ***NNE 1/4 - 1/2 (0.351 mi.)*** | ***113*** | ***256***
Spill Number/Closed Date: 9606412 / 2004-12-30
Spill Number/Closed Date: 1311413 / 2014-03-06
Spill Number/Closed Date: 1311419 / 2014-03-06
Spill Number/Closed Date: 1311291 / 2020-05-05
Site ID: 152014
Site ID: 492311
Site ID: 492317
Site ID: 492183
Spill Date: 1996-08-19
Spill Date: 2014-03-06
Spill Date: 2014-03-05
Spill Date: 2014-03-03

PEEKSKILL LIBRARY | ***4 NELSON AVE*** | ***SSW 1/4 - 1/2 (0.364 mi.)*** | ***W114*** | ***264***
Spill Number/Closed Date: 0204026 / 2003-03-25
Site ID: 60310
Spill Date: 2002-07-17

MEARL | 1057 SOUTH ST | S 1/4 - 1/2 (0.365 mi.) | X117 | 276
Spill Number/Closed Date: 8606510 / 1987-03-17
Site ID: 73470

Spill Date: 1987-01-20

PBS TTF — 2 NELSON ST — SSW 1/4 - 1/2 (0.366 mi.) — W118 — 277
Spill Number/Closed Date: 2402380 / Not Reported
Site ID: 668764
Spill Date: 2024-06-17

CITY OF PEEKSKILL PD — 2 NELSON AVE — SSW 1/4 - 1/2 (0.366 mi.) — W119 — 278
Spill Number/Closed Date: 0204020 / 2003-03-17
Spill Number/Closed Date: 9809710 / 2003-03-17
Site ID: 83948
Site ID: 216285
Spill Date: 2002-07-17
Spill Date: 1998-11-02

SHATAU REVE APTS. — OLD ST. MARUSST OFF — SW 1/4 - 1/2 (0.397 mi.) — 120 — 281
Spill Number/Closed Date: 9013047 / 1991-05-06
Site ID: 72110
Spill Date: 1991-03-22

RICHIE'S S/S — 17 SOUTH BROAD ST — SSE 1/4 - 1/2 (0.417 mi.) — Y123 — 285
Spill Number/Closed Date: 9212041 / 1994-08-16
Spill Number/Closed Date: 9212094 / Not Reported
Site ID: 259091
Site ID: 69354
Spill Date: 1993-01-21
Spill Date: 1993-01-22

CHURCH OF THE ASSUMP — 920 FIRST STREET — S 1/4 - 1/2 (0.422 mi.) — Z126 — 293
Spill Number/Closed Date: 9402602 / 1994-05-27
Site ID: 299707
Spill Date: 1994-05-23

MOHAMED HOME — 925 FIRST STREET — S 1/4 - 1/2 (0.425 mi.) — Z127 — 295
Spill Number/Closed Date: 0608416 / 2007-09-13
Site ID: 372381
Spill Date: 2006-10-23

TOM HALZWEISS — 921 FIRST ST — S 1/4 - 1/2 (0.429 mi.) — Z128 — 297
Spill Number/Closed Date: 0108798 / 2002-01-15
Site ID: 287536
Spill Date: 2001-12-04

WESLEY HALL — 801 SOUTH STREET — SSW 1/4 - 1/2 (0.431 mi.) — AA129 — 297
Spill Number/Closed Date: 0410188 / 2008-12-26
Site ID: 335073
Spill Date: 2004-12-13

P&L MANAGEMENT CONS. — 801 SOUTH STREET — SSW 1/4 - 1/2 (0.431 mi.) — AA130 — 299
Spill Number/Closed Date: 8704648 / 1988-10-05
Site ID: 137764
Spill Date: 1987-09-03

PBS — 801 SOUTH STREET — SSW 1/4 - 1/2 (0.431 mi.) — AA131 — 300
Spill Number/Closed Date: 0510510 / 2006-05-10
Site ID: 356499
Spill Date: 2005-12-07

P & L MANAGMENT CONS — 801 SOUTH STREET — SSW 1/4 - 1/2 (0.431 mi.) — AA132 — 301
Spill Number/Closed Date: 8706379 / 1988-10-05
Site ID: 170145
Spill Date: 1987-10-27

GRIFFINS LANDSCAPING — 1234 LINCOLN TERR — SSE 1/4 - 1/2 (0.444 mi.) — Y134 — 305

Spill Number/Closed Date: 0207441 / 2002-12-23
Site ID: 105224
Spill Date: 2002-10-18

ROE HOOK PARK — RT 35/202/6 BEAR MT. — SW 1/4 - 1/2 (0.455 mi.) — AC136 — 308
Spill Number/Closed Date: 9004446 / 1990-11-21
Site ID: 143958
Spill Date: 1990-07-22

ATLANTIC MINI MART — 800 NORTH DIVISION S — NNE 1/4 - 1/2 (0.459 mi.) — AD137 — 309
Spill Number/Closed Date: 9101258 / 1991-05-02
Site ID: 63549
Spill Date: 1991-04-30

HUDSONVIEW ESTATES — PEMART AVE — NW 1/4 - 1/2 (0.460 mi.) — 140 — 314
Spill Number/Closed Date: 9805516 / 1998-12-11
Site ID: 100529
Spill Date: 1998-08-03

LUZ HOME — 15 CHARLES STREET — SE 1/4 - 1/2 (0.477 mi.) — AE142 — 317
Spill Number/Closed Date: 0611931 / 2007-03-23
Site ID: 376674
Spill Date: 2007-01-29

SPILL NUMBER 0201382 — 660 MAIN ST — SW 1/4 - 1/2 (0.481 mi.) — AC143 — 319
Spill Number/Closed Date: 0201382 / 2002-05-13
Site ID: 150976
Spill Date: 2002-05-07

LINCOLN TITUS SCHOOL — LINCOLN AVE — ESE 1/4 - 1/2 (0.483 mi.) — AE144 — 320
Spill Number/Closed Date: 9209910 / 1993-03-08
Site ID: 227595
Spill Date: 1992-11-25

SPILL NUMBER 0004310 — 147 UNION AVE — S 1/4 - 1/2 (0.494 mi.) — AF145 — 321
Spill Number/Closed Date: 0004310 / 2000-09-28
Site ID: 63230
Spill Date: 2000-05-23

GUEVARA RESIDENCE — 150 UNION AVE — S 1/4 - 1/2 (0.498 mi.) — AF146 — 323
Spill Number/Closed Date: 0900330 / 2010-05-19
Site ID: 412258
Spill Date: 2009-04-09

Lists of state and tribal registered storage tanks

NY UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY UST list, as provided by EDR, has revealed that there are 6 NY UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HIGHLAND LIGHT STEAM	411-427 HIGHLAND AVE	0 - 1/8 (0.000 mi.)	A2	36

Database: WESTCHESTER CO. UST, Date of Government Version: 07/31/2024
Status: 3. Closed - Removed

Id/Status:: 3-800121
Site Status: Active

529 HIGHLAND GAS AND ***529 HIGHLAND AVENUE*** ***NW 0 - 1/8 (0.029 mi.)*** ***B24*** ***71***
Database: WESTCHESTER CO. UST, Date of Government Version: 07/31/2024
Status: 1. In-Service
Status: 4. Closed - in place
Status: 3. Closed - Removed
Id/Status:: 3-174688
Site Status: Active

GEORGE SAMPSON INC. ***301 NORTH DIVISION S*** ***SSE 0 - 1/8 (0.067 mi.)*** ***C32*** ***84***
Database: WESTCHESTER CO. UST, Date of Government Version: 07/31/2024
Status: 3. Closed - Removed
Status: 3a. Closed - Prior to 04/1991
Id/Status:: 3-170143
Site Status: Active

AVIS RENT-A-CAR 200 NORTH DIVISION S S 1/8 - 1/4 (0.146 mi.) I61 146
Database: WESTCHESTER CO. UST, Date of Government Version: 07/31/2024
Status: 3. Closed - Removed
Id/Status:: 3-175684
Site Status: Unregulated: <1101 gal. PBS

KELLY COURTS, INC. 205 NELSON AVENUE SW 1/8 - 1/4 (0.241 mi.) M79 179
Database: WESTCHESTER CO. UST, Date of Government Version: 07/31/2024
Status: 1. In-Service
Id/Status:: 3-800302
Site Status: Active

UNITED METHODIST CHU 1040 MAIN STREET SSE 1/8 - 1/4 (0.242 mi.) N82 185
Database: WESTCHESTER CO. UST, Date of Government Version: 07/31/2024
Status: 4. Closed - in place
Id/Status:: 3-801562
Site Status: Unregulated

NY CBS: These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

A review of the NY CBS list, as provided by EDR, and dated 09/16/2024 has revealed that there are 2 NY CBS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
407-419 HIGHLAND AVE	***411 HIGHLAND AVE***	***0 - 1/8 (0.000 mi.)***	***A5***	***38***
Facility Status: Unregulated/Closed CBS Number: 3-000007				
WHITE PLAINS LINEN	***600 HIGHALND AVE***	***NNW 0 - 1/8 (0.088 mi.)***	***D43***	***121***
Facility Status: Unregulated/Closed CBS Number: 3-000428				

NY AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the NY AST list, as provided by EDR, has revealed that there are 5 NY AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HIGHLAND LIGHT STEAM	411-427 HIGHLAND AVE	0 - 1/8 (0.000 mi.)	A7	46
Database: WESTCHESTER CO. AST, Date of Government Version: 07/31/2024 Status: 0. Administratively closed Status: 1. In-Service PBS Number: 3-800121				
HIGHLAND LIGHT STEAM	***411 HIGHLAND AVENUE***	***0 - 1/8 (0.000 mi.)***	***A8***	***48***
Database: AST, Date of Government Version: 09/16/2024 Facility Id: 3-000007				
529 HIGHLAND GAS AND	***529 HIGHLAND AVENUE***	***NW 0 - 1/8 (0.029 mi.)***	***B24***	***71***
Database: WESTCHESTER CO. AST, Date of Government Version: 07/31/2024 Status: 3. Closed - Removed Status: 1. In-Service PBS Number: 3-174688				
GEORGE SAMPSON INC.	***301 NORTH DIVISION S***	***SSE 0 - 1/8 (0.067 mi.)***	***C32***	***84***
Database: WESTCHESTER CO. AST, Date of Government Version: 07/31/2024 Status: 1. In-Service PBS Number: 3-170143				
WHITE PLAINS LINEN	***600 HIGHALND AVE***	***NNW 0 - 1/8 (0.088 mi.)***	***D43***	***121***
Database: AST, Date of Government Version: 09/16/2024 Facility Id: 3-000428				

NY CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the NY CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 NY CBS AST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HIGHLAND LIGHT STEAM	***411 HIGHLAND AVENUE***	***0 - 1/8 (0.000 mi.)***	***A8***	***48***
Facility Status: 1 Facility Status: 1 CBS Number: 3-000007				

Lists of state and tribal voluntary cleanup sites

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

A review of the NY VCP list, as provided by EDR, has revealed that there is 1 NY VCP site within

approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CE - CENTRAL AVE-PEE	***900 CENTRAL AVE & 90***	***SSW 1/4 - 1/2 (0.364 mi.)***	***W116***	***269***
Database: VCP, Date of Government Version: 08/01/2024				
Site Code: 58692				

Lists of state and tribal brownfield sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 08/01/2024 has revealed that there is 1 NY BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE LOFTS ON MAIN	922 MAIN STREET AND	SSW 1/4 - 1/2 (0.282 mi.)	P95	206
Site Code: 512551				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the NY SWRCY list, as provided by EDR, and dated 10/01/2024 has revealed that there is 1 NY SWRCY site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTCHESTER RESCO CO	ONE CHARLES POINT AV	S 1/4 - 1/2 (0.364 mi.)	X115	268

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 11/03/2024 has revealed that there are 24 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RESIDENCE	1003 ORCHARD ST	SSE 0 - 1/8 (0.038 mi.)	C27	78
Spill Number/Closed Date: 9510004 / 1995-11-28				
Site ID: 166980				
Spill Date: 1995-11-10				
RESIDENCE	1014 ORCHARD ST	SE 0 - 1/8 (0.058 mi.)	C29	81

Spill Number/Closed Date: 9706622 / 1997-12-01
Site ID: 115050
Spill Date: 1997-09-03

POLE #W7 — N JAMES ST & CORTLAN — SE 0 - 1/8 (0.125 mi.) — G59 — 143
Spill Number/Closed Date: 0105331 / 2001-08-16
Site ID: 235070
Spill Date: 2001-08-16

Lower Elevation	Address	Direction / Distance	Map ID	Page
407-419 HIGHLAND AVE	***411 HIGHLAND AVE***	***0 - 1/8 (0.000 mi.)***	***A5***	***38***
Spill Number/Closed Date: 0206243 / 2002-09-19 Spill Number/Closed Date: 0410072 / 2004-12-10 Spill Number/Closed Date: 0809615 / 2009-01-09 Site ID: 73131 Site ID: 334956 Site ID: 407098 Spill Date: 2002-09-17 Spill Date: 2004-12-10 Spill Date: 2008-11-25				
WHITE PLAINS LINEN	427 HIGHLAND AVE	0 - 1/8 (0.000 mi.)	A10	51
Spill Number/Closed Date: 1408577 / 2022-02-02 Site ID: 502143 Spill Date: 2014-11-20				
SPILL NUMBER 0302563	429 HIGHLAND AVE	0 - 1/8 (0.000 mi.)	A12	57
Spill Number/Closed Date: 0302563 / 2003-06-11 Site ID: 149609 Spill Date: 2003-06-10				
ROADWAY	501 HIGHLAND AVE	NW 0 - 1/8 (0.010 mi.)	B13	58
Spill Number/Closed Date: 1308649 / 2013-11-26 Site ID: 489400 Spill Date: 2013-11-26				
RENTAL PROPERTY - US	949 CONSTANT AVE	WNW 0 - 1/8 (0.011 mi.)	B14	59
Spill Number/Closed Date: 2209935 / 2024-02-13 Site ID: 649329 Spill Date: 2023-03-15				
POLE 10 &11	HIGHLAND AVE/CONSTRA	NW 0 - 1/8 (0.015 mi.)	B16	61
Spill Number/Closed Date: 0701414 / 2007-12-10 Site ID: 380926 Spill Date: 2007-05-03				
SPILL NUMBER 9810581	HIGHLAND AVE/CONSTAN	NW 0 - 1/8 (0.016 mi.)	B17	62
Spill Number/Closed Date: 9810581 / 2003-07-01 Site ID: 136826 Spill Date: 1998-11-20				
TURNER	400 HIGHLAND AVE	S 0 - 1/8 (0.025 mi.)	A19	64
Spill Number/Closed Date: 8710730 / 1988-03-24 Site ID: 291401 Spill Date: 1988-02-16				
TREASURE SERVICE STA	***529 HIGHLAND AVE***	***NW 0 - 1/8 (0.029 mi.)***	***B22***	***67***
Spill Number/Closed Date: 0805787 / 2008-12-02 Site ID: 402953 Spill Date: 2008-08-20				
941 CONSTANT AVE	941 CONSTANT AVE	WNW 0 - 1/8 (0.034 mi.)	B25	76

Spill Number/Closed Date: 0508802 / 2005-10-24
Site ID: 354454
Spill Date: 2005-10-23

WESTYPO PRINTERS	540 HARRISON AVE	N 0 - 1/8 (0.034 mi.)	B26	77
Spill Number/Closed Date: 0706719 / 2012-06-04 Site ID: 387290 Spill Date: 2007-09-17				
CARDENAS - OVERFILL	955 ORCHARD STREET	SSW 0 - 1/8 (0.043 mi.)	A28	79
Spill Number/Closed Date: 1402596 / 2014-06-17 Site ID: 495928 Spill Date: 2014-06-03				
KEITHS AUTOMOTIVE	***301 N DIVISION ST***	***SSE 0 - 1/8 (0.067 mi.)***	***C33***	***88***
Spill Number/Closed Date: 2301364 / Not Reported Site ID: 652170 Spill Date: 2023-05-18				
EXXON	***301 NORTH DIVISION S***	***SSE 0 - 1/8 (0.067 mi.)***	***C36***	***105***
Spill Number/Closed Date: 0108321 / Not Reported Spill Number/Closed Date: 0902244 / 2009-07-21 Site ID: 82639 Site ID: 414279 Spill Date: 2001-09-21 Spill Date: 2009-05-26				
SPILL NUMBER 9900065	529 HYLAND AVE	NNW 0 - 1/8 (0.071 mi.)	D38	114
Spill Number/Closed Date: 9900065 / 1999-04-02 Site ID: 236818 Spill Date: 1999-04-02				
AERIAL CABLE POLE #	PHOENIX & HARRISSON	NNW 0 - 1/8 (0.078 mi.)	D40	118
Spill Number/Closed Date: 9908471 / 1999-10-13 Site ID: 77492 Spill Date: 1999-10-12				
MORALES - UST	920 FROST COURT	S 0 - 1/8 (0.082 mi.)	E42	120
Spill Number/Closed Date: 1704260 / 2017-07-31 Site ID: 556497 Spill Date: 2017-07-31				
BASE OF POLE W8	HIGHLAND + PHEONIX A	NNW 0 - 1/8 (0.098 mi.)	D53	136
Spill Number/Closed Date: 9902623 / 1999-06-07 Site ID: 144492 Spill Date: 1999-06-06				
WESTCHESTER CO TREAT	HIGHLAND AVE	NNW 0 - 1/8 (0.098 mi.)	D54	137
Spill Number/Closed Date: 9812344 / 1999-01-07 Site ID: 230267 Spill Date: 1999-01-06				
IN CATCH BASIN	1004 CORTLAND ST	SSE 0 - 1/8 (0.100 mi.)	55	138
Spill Number/Closed Date: 0102705 / 2002-10-15 Site ID: 273578 Spill Date: 2001-06-11				
CRUZ - FORMER UST	614 HIGHLAND AVE	NNW 0 - 1/8 (0.122 mi.)	F58	142
Spill Number/Closed Date: 2404623 / Not Reported Site ID: 671056 Spill Date: 2024-08-16				

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/16/2024 has revealed that there are 7 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON TRANSFORM EPA ID:: NYP004325916	***N JAMES ST & CONSTAN***	***E 0 - 1/8 (0.072 mi.)***	***39***	***115***
SOUTH PRESBYTERIAN C EPA ID:: NY0000082263	***343 BROAD ST***	***ESE 1/8 - 1/4 (0.187 mi.)***	***H70***	***161***
CON EDISON TRANSFORM EPA ID:: NYP004325478	***10 N JAMES ST***	***NE 1/8 - 1/4 (0.199 mi.)***	***73***	***169***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA ID:: NYP004799847	***FROST CT & NORTH DIV***	***S 0 - 1/8 (0.090 mi.)***	***E44***	***122***
CON EDISON EPA ID:: NYP004768883	FROST CT & NORTH DIV	S 0 - 1/8 (0.090 mi.)	E46	126
CON EDISON EPA ID:: NYP004777207	911 FROST CT	S 0 - 1/8 (0.090 mi.)	E51	133
CON EDISON MANHOLE 7 EPA ID:: NYP004222022	***HOWARD ST & DIVISION***	***S 1/8 - 1/4 (0.161 mi.)***	***I66***	***152***

DOD: Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

A review of the DOD list, as provided by EDR, and dated 06/07/2021 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NG CAMP SMITH TNG SI		NW 1/2 - 1 (0.781 mi.)	0	9

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 10/24/2024 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***WSW 1/2 - 1 (0.716 mi.)***	***0***	***9***

EXECUTIVE SUMMARY

EPA ID:: NYD980763841

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 06/30/2024 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***WSW 1/2 - 1 (0.716 mi.)***	***0***	***9***

US AIRS: The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

A review of the US AIRS list, as provided by EDR, has revealed that there is 1 US AIRS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WHITE PLAINS LINEN	411 HIGHLAND AVE	0 - 1/8 (0.000 mi.)	A3	37
Database: US AIRS (AFS), Date of Government Version: 10/12/2016				
EPA plant ID:: 110019083908				

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 08/13/2024 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WHITE PLAINS LINEN	***411 HIGHLAND AVE***	***0 - 1/8 (0.000 mi.)***	***A4***	***37***
Registry ID:: 110019083908				

EXECUTIVE SUMMARY

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 06/23/2024 has revealed that there is 1 ECHO site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WHITE PLAINS LINEN	***411 HIGHLAND AVE***	***0 - 1/8 (0.000 mi.)***	***A4***	***37***
Registry ID: 110019083908				

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there are 8 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ISLAND AUTOMOTIVE	529 HIGHLAND AVE	NW 0 - 1/8 (0.029 mi.)	B21	66
GAS STATION	529 HIGHLAND AVE	NW 0 - 1/8 (0.029 mi.)	B23	70
EXXON	301 NORTH DIVISION S	SSE 0 - 1/8 (0.067 mi.)	C34	90
PAGING BUSINESS	11 SOUTH BROAD ST	SSE 1/4 - 1/2 (0.400 mi.)	Y121	282
RICHIE'S S/S GULF	17 SOUTH BROAD STREE	SSE 1/4 - 1/2 (0.417 mi.)	Y124	291
RICHIE'S S/S	17 SOUTH BROAD	SSE 1/4 - 1/2 (0.417 mi.)	Y125	292
A PLUS MINI MART	800 NORTH DIVISION S	NNE 1/4 - 1/2 (0.459 mi.)	AD138	312
SUNOCO STATION	800 NORTH DIVISION S	NNE 1/4 - 1/2 (0.459 mi.)	AD139	313

NY AIRS:

A review of the NY AIRS list, as provided by EDR, and dated 10/09/2024 has revealed that there is 1 NY AIRS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
407-419 HIGHLAND AVE	***411 HIGHLAND AVE***	***0 - 1/8 (0.000 mi.)***	***A5***	***38***
DEC Id: 3551200113				

NY DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the NY DRYCLEANERS list, as provided by EDR, and dated 08/29/2024 has revealed that there is 1 NY DRYCLEANERS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WHITEPLAINS LINEN/HI	411 HIGHLAND AVENUE	0 - 1/8 (0.000 mi.)	A9	51
Facility Id: 3-5512-00113				

EXECUTIVE SUMMARY

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 12/31/2019 has revealed that there are 9 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON TRANSFORM EPA ID: NYP004325916	***N JAMES ST & CONSTAN***	***E 0 - 1/8 (0.072 mi.)***	***39***	***115***
SOUTH PRESBYTERIAN C EPA ID: NY0000082263	***343 BROAD ST***	***ESE 1/8 - 1/4 (0.187 mi.)***	***H70***	***161***
CON EDISON TRANSFORM EPA ID: NYP004325478	***10 N JAMES ST***	***NE 1/8 - 1/4 (0.199 mi.)***	***73***	***169***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUPERIOR AUTO BODY EPA ID: NYD013029228	***301 N DIVISION ST***	***SSE 0 - 1/8 (0.067 mi.)***	***C35***	***91***
CON ED EPA ID: NYP004768883	FROST CT & NORTH DIV	S 0 - 1/8 (0.090 mi.)	E45	124
CON EDISON EPA ID: NYP004799847	FROST CT & N DIVISON	S 0 - 1/8 (0.090 mi.)	E47	128
CON EDISON EPA ID: NYP004777207	911 FROST CT	S 0 - 1/8 (0.090 mi.)	E52	135
CON EDISON MANHOLE 7 EPA ID: NYP004222022	***HOWARD ST & DIVISION***	***S 1/8 - 1/4 (0.161 mi.)***	***I66***	***152***
CON EDISON EPA ID: NYP004503991	OPP 994 MAIN ST	S 1/8 - 1/4 (0.249 mi.)	O87	196

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2018 has revealed that there are 5 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUPERIOR AUTO BODY EPA Id: NYD013029228	301 N DIVISION	SSE 0 - 1/8 (0.067 mi.)	C37	110
CON EDISON EPA Id: NYP004768883	FROST CT & NORTH DIV	S 0 - 1/8 (0.090 mi.)	E48	129
CON EDISON EPA Id: NYP004799847	FROST CT & N DIVISON	S 0 - 1/8 (0.090 mi.)	E49	130
CON EDISON EPA Id: NYP004777207	911 FROST CT	S 0 - 1/8 (0.090 mi.)	E50	132
CON EDISON MANHOLE 7 EPA Id: NYP004222022	***HOWARD ST & DIVISION***	***S 1/8 - 1/4 (0.161 mi.)***	***I66***	***152***

NY MGP: From the late 1800's to the mid 1900's, hundreds of manufactured gas plants across New York State supplied homes and industry with fuel for heating, cooking, and lighting. Today, the New York State DEC is overseeing the investigation and cleanup of contamination left behind from these plants.

A review of the NY MGP list, as provided by EDR, and dated 08/28/2024 has revealed that there are 2 NY MGP sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CE - CENTRAL AVE-PEE	***900 CENTRAL AVE & 90***	***SSW 1/4 - 1/2 (0.364 mi.)***	***W116***	***269***
CE - PEMART AVE-PEEK	***189-199 NORTH WATER***	***WSW 1/2 - 1 (0.700 mi.)***	***AG149***	***342***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 2 EDR MGP sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - CENTRAL	900 CENTRAL AVE. AND	SSW 1/4 - 1/2 (0.345 mi.)	W110	249
CON EDISON - PEMART	189-199 NORTH WATER	WSW 1/2 - 1 (0.700 mi.)	AG148	342

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 5 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PETTIT WILLIAM	420 NO JAMES ST	ESE 0 - 1/8 (0.080 mi.)	41	119

Lower Elevation	Address	Direction / Distance	Map ID	Page
VAN CORTLANDT GARAGE	500 HIGHLAND AVE	NW 0 - 1/8 (0.014 mi.)	B15	61
SECCOR JOSEPH T	400 HIGHLAND AVE	S 0 - 1/8 (0.025 mi.)	A18	64
TREASURE SERVICE STA	529 HIGHLAND AVE	NW 0 - 1/8 (0.029 mi.)	B20	65

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUPERIOR AUTO BODY R	301 NO DIVISION ST	SSE 0 - 1/8 (0.067 mi.)	C31	83

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
A & N CLEANERS & LAU	411 HIGHLAND AVE	0 - 1/8 (0.000 mi.)	A1	36

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
BLUE MOUNTAIN SPORTS CENTER - TTF	NY LTANKS

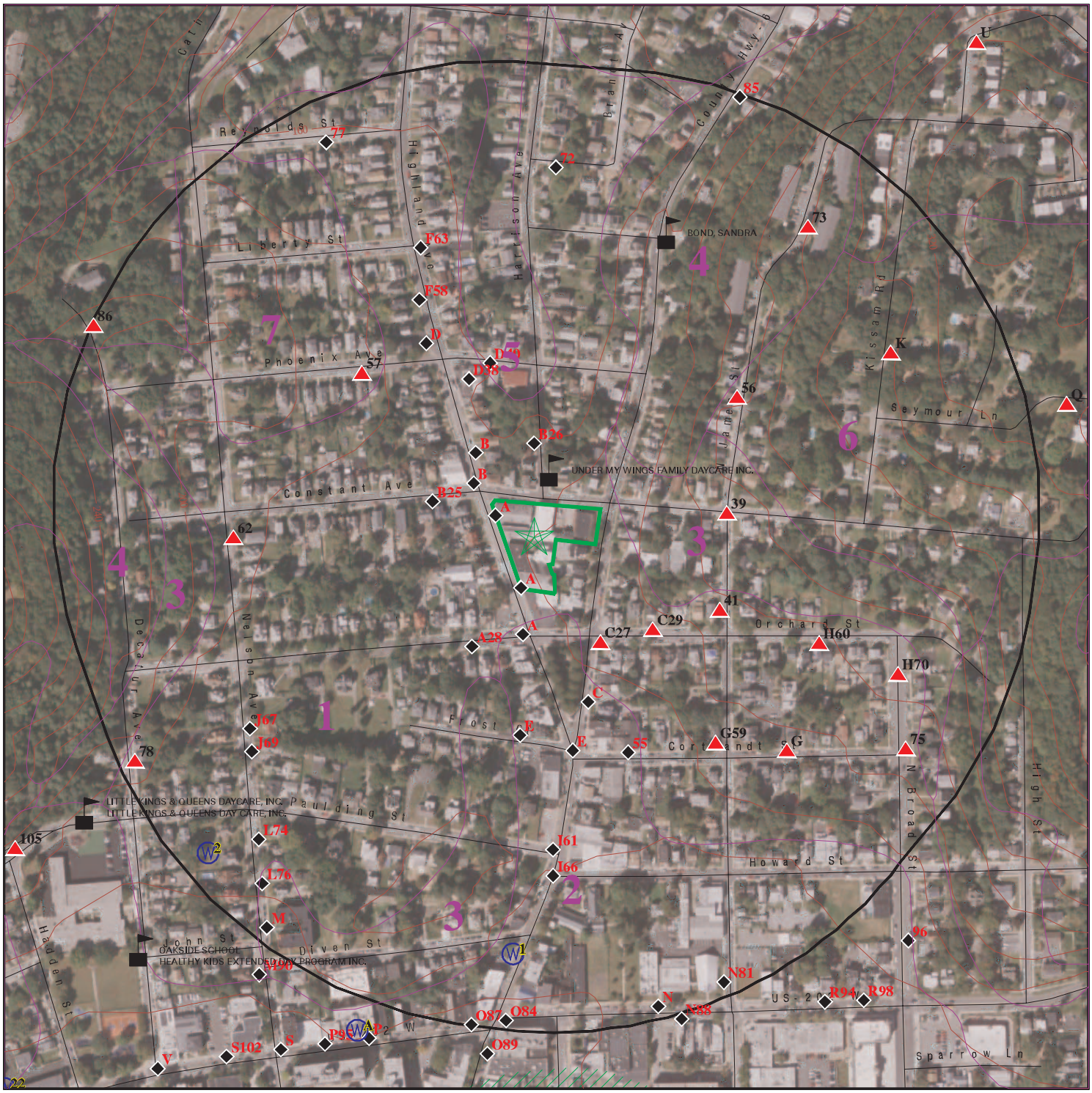
OVERVIEW MAP - 7846483.2S

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	418 North Division Street	CLIENT:	SESI Consulting Engineers
ADDRESS:	418 North Division Street Peekskill NY 10566	CONTACT:	Annmarie Yannaco
		INQUIRY #:	7846483.2s
LAT/LONG:	41.29577 / 73.919349	DATE:	December 11, 2024 4:36 pm

Copyright © 2024 EDR, Inc. © 2015 TomTom Rel. 2015.

DETAIL MAP - 7846483.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	418 North Division Street	CLIENT:	SESI Consulting Engineers
ADDRESS:	418 North Division Street Peekskill NY 10566	CONTACT:	Annmarie Yannaco
LAT/LONG:	41.29577 / 73.919349	INQUIRY #:	7846483.2s
		DATE:	December 11, 2024 4:39 pm

Copyright © 2024 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	1	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	1	NR	1
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		1	1	NR	NR	NR	2
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		2	NR	NR	NR	NR	2
Lists of state- and tribal hazardous waste facilities								
NY SHWS	1.000		0	0	1	1	NR	2
Lists of state and tribal landfills and solid waste disposal facilities								
NY SWF/LF	0.500		0	0	0	NR	NR	0
Lists of state and tribal leaking storage tanks								
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY LTANKS	0.500		5	20	50	NR	NR	75
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
NY UST	0.250		3	3	NR	NR	NR	6
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY CBS	0.250		2	0	NR	NR	NR	2
NY MOSF	0.500		0	0	0	NR	NR	0
NY AST	0.250		5	0	NR	NR	NR	5
NY CBS AST	0.250		1	0	NR	NR	NR	1
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		0	0	0	NR	NR	0
NY INST CONTROL	0.500		0	0	0	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
NY VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
NY BROWNFIELDS	0.500		0	0	1	NR	NR	1
NY ERP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWRCY	0.500		0	0	1	NR	NR	1
NY SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY HIST AST	0.001		0	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
NY Spills	0.125		24	NR	NR	NR	NR	24
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		4	3	NR	NR	NR	7
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	1	NR	1
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	1	NR	1
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	1	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		1	NR	NR	NR	NR	1
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	0.001		1	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		1	NR	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
UST FINDER RELEASE	0.500		3	0	5	NR	NR	8
UST FINDER	0.250		0	0	NR	NR	NR	0
E MANIFEST	0.250		0	0	NR	NR	NR	0
NY PFAS	0.250		0	0	NR	NR	NR	0
NY AIRS	0.001		1	NR	NR	NR	NR	1
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		1	0	NR	NR	NR	1
NY E DESIGNATION	0.125		0	NR	NR	NR	NR	0
NY Financial Assurance	0.001		0	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	0	NR	NR	0
NY LEAD	0.001		0	NR	NR	NR	NR	0
NY MANIFEST	0.250		5	4	NR	NR	NR	9
NJ MANIFEST	0.250		4	1	NR	NR	NR	5
NY SPDES	0.001		0	NR	NR	NR	NR	0
NY VAPOR REOPENED	0.500		0	0	0	NR	NR	0
NY UIC	0.001		0	NR	NR	NR	NR	0
NY COOLING TOWERS	0.001		0	NR	NR	NR	NR	0
NY NYC OER	1.000		0	0	0	0	NR	0
NY ILI	0.500		0	0	0	NR	NR	0
NY MGP	1.000		0	0	1	1	NR	2
NY NYC LAND USE	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	1	1	NR	2
EDR Hist Auto	0.125		5	NR	NR	NR	NR	5
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	0.001		0	NR	NR	NR	NR	0
NY RGA LF	0.001		0	NR	NR	NR	NR	0
- Totals --		0	70	32	61	8	0	171

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

DOD **NG CAMP SMITH TNG SITE** **DOD** **CUSA400412**
Region **N/A**
NW **, NY**
1/2-1
4122 ft.

DOD:
Site Name: NG CAMP SMITH TNG SITE
DOD Component: Army Guard
Joint Base: N/A
Operating Status: ACT (Active): Site has an on-going operational/support mission (s).

NPL **HUDSON RIVER PCBS** **NPL** **1000384273**
Region **NO STREET APPLICABLE** **SEMS** **NYD980763841**
WSW **HUDSON RIVER, NY 12871** **RCRA-LQG**
1/2-1 **US ENG CONTROLS**
3779 ft. **US INST CONTROLS**
NY Spills
ROD
PRP
CONSENT

NPL:
EPA Region: 2
EPA ID: NYD980763841
Site ID: 202229
Name: HUDSON RIVER PCBS
Address: NO STREET APPLICABLE
City,State,Zip: HUDSON RIVER, NY 12871
Federal: N
Final Date: 1984-09-21 00:00:00
Latitude: 43.1102
Longitude: -73.5765
Site Score: 54.659999999999997
NAI: Not reported
Native American Entity: Not reported

Substance as of 08/2019:
NPL Status: Currently on the Final NPL
Substance ID: Not reported
CAS Number: Not reported
Substance: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: A046
CAS Number: 1336-36-3
Substance: POLYCHLORINATED BIPHENYLS
Pathway: AIR PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: A046
CAS Number: 1336-36-3
Substance: POLYCHLORINATED BIPHENYLS
Pathway: SURFACE WATER PATHWAY
Scoring: 4

HUDSON RIVER PCBS (Continued) **1000384273**

Summary Details:

Conditions at listing September 1983): The Hudson River PCBs Site is a 40-mile stretch of the Hudson River between Mechanicville and Fort Edward, New York. General Electric Co. discharged an estimated l.l million pounds of PCBs into this stretch of river. The State has identified 40 hot spots, defined as sediments contaminated with greater than 50 parts per million ppm) of PCBs. Also included in the site are five remnant areas, which are river sediments exposed when thelevel of the river was lowered due to removal of the Fort Edward Dam. The State has taken initial measures to stabili e the remnant areas from erosion. In September 1980, Congress passed an amendment to the Clean Water Act CWA) that included the Hudson River PCB Reclamation Demonstration Project. Under this legislation, the EPA Administrator could authori e a 75 percent grant, not to exceed 20 million. EPA issued a final Environmental Impact Statement in October 1982 evaluating various dredging alternatives for a demonstration project. EPA has prepared a feasibility study to evaluate alternative remedial actions under CERCLA. The Administrator has determined that CERCLA funds may be used for remedial action atthe remnant areas and for evaluating the effectiveness of the water supply system at Waterford, New York. Status June 1984): EPA has completed a draft feasibility study identifying alternatives for remedial action. A search for partiespotentially responsible for wastes associated with the site has been completed, and EPA has sent letters to two potentially responsible parties notifying them of possible legal action under CERCLA.

Category as of 08/2019:

NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-<= 10 Feet
Category Value:	0

NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value:	10

Narratives as of 08/2019:

NPL Name:	HUDSON RIVER PCBS

Site as of 08/2019:

EPA Region:	02
Site ID:	0202229
Site Status:	F
Federal Site:	N
Date Deleted:	Not reported
Date Finalized:	09/21/84
Date Proposed:	09/08/83

Site Status as of 08/2019:

Proposed Date:	09/08/1983
Final Date:	09/21/1984
Deleted Date:	Not reported
NPL Status:	Final

Narr:

Site Name:	Hudson River PCBs
Site EPA ID:	NYD980763841

HUDSON RIVER PCBS (Continued) **1000384273**

Listing Date: 9/21/1984
Site Score: 54.66
Federal Facility Indicator: No

Site List URL:

Site Progress URL:

Federal Register URL:

Site Location URL:

SEMS:
Site ID: 0202229
EPA ID: NYD980763841
Name: HUDSON RIVER PCBS
Address: NO STREET APPLICABLE
Address 2: Not reported
City,State,Zip: HUDSON RIVER, NY 12871-2834
Cong District: 21
FIPS Code: 36115
Latitude: +43.110200
Longitude: -073.576500
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:
Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: AR
Action Name: ADMIN REC
SEQ: 2
Start Date: 2000-03-28 05:00:00
Finish Date: Not reported
Qual: V
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 1
Start Date: 1991-09-30 04:00:00
Finish Date: Not reported
Qual: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 2
Start Date: 2002-03-25 05:00:00
Finish Date: 2006-11-02 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 3
Start Date: 2005-11-07 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: SS
Action Name: ESI RI
SEQ: 1
Start Date: 2002-06-30 04:00:00
Finish Date: 2005-08-31 04:00:00
Qual: W
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 1

HUDSON RIVER PCBS (Continued) **1000384273**

Start Date: 2012-06-01 05:00:00
Finish Date: 2012-06-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 2
Start Date: 2016-03-29 05:00:00
Finish Date: 2019-04-11 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 1990-04-17 04:00:00
Finish Date: 1990-08-21 04:00:00
Qual: S
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 5
Start Date: 1992-12-01 05:00:00
Finish Date: 1992-12-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00

HUDSON RIVER PCBS (Continued) **1000384273**

Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	1984-09-21 05:00:00
Finish Date:	1984-09-21 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	1983-09-08 04:00:00
Finish Date:	1983-09-08 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1983-09-01 04:00:00
Finish Date:	1983-09-01 04:00:00
Qual:	L
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	00
Action Code:	EL
Action Name:	PRP CR
SEQ:	1
Start Date:	1989-07-07 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS

HUDSON RIVER PCBS (Continued) **1000384273**

NPL: F
FF: N
OU: 00
Action Code: PJ
Action Name: RP EM REM
SEQ: 1
Start Date: 2007-08-24 04:00:00
Finish Date: 2007-08-27 04:00:00
Qual: C
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1983-07-01 04:00:00
Finish Date: 1983-07-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1983-08-01 04:00:00
Finish Date: 1983-09-01 04:00:00
Qual: H
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: MA
Action Name: ST COOP
SEQ: 2
Start Date: 1991-02-22 05:00:00
Finish Date: 2007-04-03 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02

HUDSON RIVER PCBS (Continued) **1000384273**

Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 00
Action Code: TG
Action Name: TA GRANT
SEQ: 1
Start Date: 1995-09-29 04:00:00
Finish Date: 2005-09-20 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 01
Action Code: RD
Action Name: RD
SEQ: 1
Start Date: 1984-09-28 05:00:00
Finish Date: 1990-05-18 04:00:00
Qual: Not reported
Current Action Lead: St Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 01
Action Code: RD
Action Name: RD
SEQ: 2
Start Date: 1989-02-02 05:00:00
Finish Date: 1989-06-05 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202229
EPA ID: NYD980763841
Site Name: HUDSON RIVER PCBS
NPL: F
FF: N
OU: 01
Action Code: CO
Action Name: RI/FS
SEQ: 1
Start Date: 1984-03-30 06:00:00
Finish Date: 1984-09-25 05:00:00
Qual: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	01
Action Code:	BF
Action Name:	PRP RA
SEQ:	1
Start Date:	1989-10-13 04:00:00
Finish Date:	1992-09-29 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	01
Action Code:	BF
Action Name:	PRP RA
SEQ:	2
Start Date:	1990-09-28 04:00:00
Finish Date:	1992-09-29 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	01
Action Code:	BE
Action Name:	PRP RD
SEQ:	1
Start Date:	1989-05-18 04:00:00
Finish Date:	1991-01-07 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	01
Action Code:	BE
Action Name:	PRP RD
SEQ:	2

HUDSON RIVER PCBS (Continued) **1000384273**

Start Date:	1989-09-27 04:00:00
Finish Date:	1990-09-28 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	1
Start Date:	1984-09-25 05:00:00
Finish Date:	1984-09-25 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	1992-04-24 04:00:00
Finish Date:	Not reported
Qual:	E
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02
Action Code:	RA
Action Name:	RA
SEQ:	2
Start Date:	2008-05-09 04:00:00
Finish Date:	2009-11-24 05:00:00
Qual:	FR
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02

HUDSON RIVER PCBS (Continued) **1000384273**

Action Code:	RA
Action Name:	RA
SEQ:	3
Start Date:	2008-12-04 05:00:00
Finish Date:	2009-12-23 05:00:00
Qual:	FR
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02
Action Code:	CO
Action Name:	RI/FS
SEQ:	2
Start Date:	1990-07-25 04:00:00
Finish Date:	2002-02-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02
Action Code:	OM
Action Name:	OM
SEQ:	1
Start Date:	2019-04-11 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02
Action Code:	BF
Action Name:	PRP RA
SEQ:	3
Start Date:	2005-09-06 04:00:00
Finish Date:	2012-09-04 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS

HUDSON RIVER PCBS (Continued) **1000384273**

NPL:	F
FF:	N
OU:	02
Action Code:	BF
Action Name:	PRP RA
SEQ:	4
Start Date:	2010-12-31 05:00:00
Finish Date:	2019-04-11 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02
Action Code:	BE
Action Name:	PRP RD
SEQ:	3
Start Date:	2002-07-23 04:00:00
Finish Date:	2003-08-14 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02
Action Code:	BE
Action Name:	PRP RD
SEQ:	4
Start Date:	2003-08-14 04:00:00
Finish Date:	2008-01-25 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02
Action Code:	BE
Action Name:	PRP RD
SEQ:	6
Start Date:	2003-08-14 04:00:00
Finish Date:	2011-04-26 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02

HUDSON RIVER PCBS (Continued) **1000384273**

Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	02
Action Code:	RO
Action Name:	ROD
SEQ:	2
Start Date:	2002-02-01 05:00:00
Finish Date:	2002-02-01 05:00:00
Qual:	R
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	03
Action Code:	RV
Action Name:	RMVL
SEQ:	1
Start Date:	1999-10-06 04:00:00
Finish Date:	2001-09-14 04:00:00
Qual:	S
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	03
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	2
Start Date:	1992-11-19 05:00:00
Finish Date:	1992-12-01 05:00:00
Qual:	S
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	03
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	3
Start Date:	1998-06-03 04:00:00
Finish Date:	1999-06-24 04:00:00
Qual:	Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	03
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	4
Start Date:	1998-10-14 04:00:00
Finish Date:	1999-01-07 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	04
Action Code:	BD
Action Name:	PRP RI/FS
SEQ:	1
Start Date:	2008-09-08 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0202229
EPA ID:	NYD980763841
Site Name:	HUDSON RIVER PCBS
NPL:	F
FF:	N
OU:	04
Action Code:	BB
Action Name:	PRP RV
SEQ:	1
Start Date:	2007-09-11 04:00:00
Finish Date:	2012-04-10 04:00:00
Qual:	S
Current Action Lead:	EPA Ovrsght

RCRA Listings:

Date Form Received by Agency:	20180215
Handler Name:	Ge Hudson River Sediment Remediation Processing And Transportation Facility
Handler Address:	Lock 8 Way
Handler City,State,Zip:	HUDSON FALLS, NY 12839
EPA ID:	NYD980763841
Contact Name:	ROBERT G GIBSON
Contact Address:	RIVER ROAD

HUDSON RIVER PCBS (Continued) **1000384273**

Contact City,State,Zip:	SCHENECTADY, NY 12345
Contact Telephone:	518-388-7505
Contact Fax:	Not reported
Contact Email:	BOB.GIBSON@GE.COM
Contact Title:	SENIOR PROJECT MANAGER
EPA Region:	02
Land Type:	Other
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2017
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Ny
State District:	NYSDEC R5
Mailing Address:	RIVER ROAD
Mailing City,State,Zip:	SCHENECTADY, NY 12345
Owner Name:	See Comments In Section 18
Owner Type:	Other
Operator Name:	General Electric Company
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181106
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

HUDSON RIVER PCBS (Continued) **1000384273**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D006
Waste Description: Cadmium

Waste Code: D007
Waste Description: Chromium

Waste Code: D008
Waste Description: Lead

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CANADIAN PACIFIC RR
Legal Status: Private
Date Became Current: 20070423
Date Ended Current: Not reported
Owner/Operator Address: 9TH AVE SW
Owner/Operator City,State,Zip: CALGARY T2P 4Z4
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GENERAL ELECTRIC COMPANY
Legal Status: Private
Date Became Current: 20070423
Date Ended Current: Not reported
Owner/Operator Address: 1 RIVER ROAD
Owner/Operator City,State,Zip: SCHENECTADY, NY 12345
Owner/Operator Telephone: 518-388-7505
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GENERAL ELECTRIC COMPANY
Legal Status: Private

HUDSON RIVER PCBS (Continued) **1000384273**

Date Became Current: 20070423
Date Ended Current: Not reported
Owner/Operator Address: 9TH AVE SW
Owner/Operator City,State,Zip: CALGARY T2P 4Z4
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SEE COMMENTS IN SECTION 18
Legal Status: Other
Date Became Current: 20070204
Date Ended Current: Not reported
Owner/Operator Address: 446 LOCK WAY
Owner/Operator City,State,Zip: HUDSON FALLS, NY 12839
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: USEPA
Legal Status: Federal
Date Became Current: 20080604
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CANADIAN PACIFIC RAILROAD
Legal Status: Private
Date Became Current: 20070502
Date Ended Current: Not reported
Owner/Operator Address: 401 9TH AVE SW
Owner/Operator City,State,Zip: CALGARY, AB T2P4Z4
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SEE SECTION 11 COMMENTS
Legal Status: State
Date Became Current: 20070502
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: NY
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Owner/Operator Indicator: Operator
Owner/Operator Name: GE HUDSON RIVER SEDIMENT REMEDIATION
Legal Status: Private
Date Became Current: 20070423
Date Ended Current: Not reported
Owner/Operator Address: 381 BROADWAY
Owner/Operator City,State,Zip: FORT EDWARD, NY 12828
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GE HUDSON RIVER SEDIMENT REMEDIATION
Legal Status: Private
Date Became Current: 20070423
Date Ended Current: Not reported
Owner/Operator Address: 381 BROADWAY
Owner/Operator City,State,Zip: FORT EDWARD, NY 12828
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GENERAL ELECTRIC CO
Legal Status: Private
Date Became Current: 20070402
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GENERAL ELECTRIC COMPANY
Legal Status: Private
Date Became Current: 20070423
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WCC LLC
Legal Status: Private
Date Became Current: 20070402
Date Ended Current: Not reported
Owner/Operator Address: 67 WILLOW GLEN
Owner/Operator City,State,Zip: MECHANICVILLE, NY 12188
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20100303
Handler Name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120301
Handler Name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140303
Handler Name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180215
Handler Name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes

HUDSON RIVER PCBS (Continued) **1000384273**

Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20060101
Handler Name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080829
Handler Name: HUDSON RIVER PCBS (ROGERS ISLAND) SUPERFUND USEPA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010101
Handler Name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56291

HUDSON RIVER PCBS (Continued) **1000384273**

NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SIte:
Name: HUDSON RIVER PCBS
Address: NO STREET APPLICABLE
Address 2: Not reported
City,State,Zip: HUDSON RIVER, NY 12871-2834
Event Code: Not reported
Action Taken Date: 02/01/2002
EPA ID: NYD980763841
Action Name: Record of Decision
Action ID: 2
Operable Unit: 02
Contaminated Media: Surface Water
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2002
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +43.110200
Longitude: -073.576500

Media:
EPA ID: NYD980763841
Contaminated Media: Sediment
Action ID: 2
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 02/01/2002
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2002
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +43.110200
Longitude: -073.576500

EPA ID: NYD980763841
Contaminated Media: Sediment
Action ID: 2
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 02/01/2002
Event Code: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	2002
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+43.110200
Longitude:	-073.576500

EPA ID:	NYD980763841
Contaminated Media:	Sediment
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/25/1984
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1984
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+43.110200
Longitude:	-073.576500

EPA ID:	NYD980763841
Contaminated Media:	Sediment
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/25/1984
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1984
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+43.110200
Longitude:	-073.576500

EPA ID:	NYD980763841
Contaminated Media:	Sediment
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/25/1984
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1984
NPL Status:	Currently on the Final NPL

HUDSON RIVER PCBS (Continued) **1000384273**

Superfund Alternative Agreement:	N
Latitude:	+43.110200
Longitude:	-073.576500
EPA ID:	NYD980763841
Contaminated Media:	Sediment
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/25/1984
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1984
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+43.110200
Longitude:	-073.576500
EPA ID:	NYD980763841
Contaminated Media:	Sediment
Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	02/01/2002
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	2002
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+43.110200
Longitude:	-073.576500
EPA ID:	NYD980763841
Contaminated Media:	Surface Water
Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	02/01/2002
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	2002
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+43.110200
Longitude:	-073.576500
EPA ID:	NYD980763841
Contaminated Media:	Surface Water

HUDSON RIVER PCBS (Continued) **1000384273**

Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	02/01/2002
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	2002
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+43.110200
Longitude:	-073.576500

EPA ID:	NYD980763841
Contaminated Media:	Sediment
Action ID:	2
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	02/01/2002
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	2002
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+43.110200
Longitude:	-073.576500

US INST CONTROLS:

Name:	HUDSON RIVER PCBS
Address:	NO STREET APPLICABLE
Address 2:	Not reported
City,State,Zip:	HUDSON RIVER, NY 12871-2834
EPA ID:	NYD980763841
Action Name:	Record of Decision
Action ID:	2
Operable Unit:	02
Actual Date:	02/01/2002
Contaminated Media:	Surface Water
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	2002
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+43.110200
Longitude:	-073.576500

SPILLS:

HUDSON RIVER PCBS (Continued) **1000384273**

Name:	HUDSON RIVER
Address:	HUDSON RIVER
City,State,Zip:	OSSINING, NY
Spill Number/Closed Date:	0308107 / 2003-10-31
Facility ID:	0308107
Facility Type:	ER
DER Facility ID:	278391
Site ID:	237813
DEC Region:	3
Spill Cause:	Abandoned Drums
Spill Class:	D4
SWIS:	6000
Spill Date:	2003-10-31
Investigator:	rxamato
Referred To:	Not reported
Reported to Dept:	2003-10-31
CID:	297
Water Affected:	HUDSON RIVER
Spill Source:	Unknown
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-10-31
Spill Record Last Update:	2003-11-06
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	PETTY OFFFICER HAWKINS
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was SMITH 10/31/03: MEG hired by USCG to remove test and dispose. Container did not leak.
Remarks:	CALL TO NRC REPORTING A 55 GALLON DRUM OF UNKNOWN PETROLEUM FLOATING - USCG IS REPOSNDING TO THE SITE

All Materials:

Site ID:	237813
Operable Unit ID:	874400
Operable Unit:	01
Material ID:	501630
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	55.00
Units:	G
Recovered:	.00
Resource Affected:	Surface Water
Oxygenate:	Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

ROD:
Name: HUDSON RIVER PCBS
Address: NO STREET APPLICABLE
City,State,Zip: HUDSON RIVER, NY 12871
EPA ID: NYD980763841
RG: 2
Site ID: 202229
Action: GOVT Decision Document (ROD)
Operable Unit Number: REMNANT DEPOSIT CAPPING
SEQ ID: 1
Action Completion: 1984-09-25 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: HUDSON RIVER PCBS
Address: NO STREET APPLICABLE
City,State,Zip: HUDSON RIVER, NY 12871
EPA ID: NYD980763841
RG: 2
Site ID: 202229
Action: GOVT Decision Document (ROD)
Operable Unit Number: REASSESSMENT RIVER
SEQ ID: 2
Action Completion: 2002-02-01 00:00:00
NPL Status: Final
Non NPL Status: Not reported

PRP:
PRP Name: DELAWARE AND HUDSON RAILWAY CO INC
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GOLUB PROPERTIES OF WATERVLIET INC
NEW YORK STATE CANAL CORPORATION
NIAGARA MOHAWK POWER COMPANY
TOWN OF HALFMOON NEW YORK
VILLAGE OF STILLWATER
WATER COMMISSIONERS OF THE TOWN OF WATERFORD

CONSENT:
EPA ID: NYD980763841
Site ID: 0284
Case Title: U.S.V. GENERAL ELECTRIC COMPANY (HUDSON RIVER) (EPA-SUPERFUND)
Court Num: 05-1270
District: New York, North
Entered Date: 11/02/06
Name: HUDSON RIVER PCBS
Name: HUDSON RIVER PCBS

HUDSON RIVER PCBS (Continued) **1000384273**

Address:	NO STREET APPLICABLE
City,State,Zip:	HUDSON RIVER, NY 12801
County:	WASHINGTON
EPA ID:	NYD980763841
Site ID:	Not reported
Case Title:	Not reported
Court Num:	Not reported
District:	Not reported
Entered Date:	Not reported
Name:	US V. GENERAL ELECTRIC COMPANY
Name:	HUDSON RIVER PCBS
Address:	NO STREET APPLICABLE
City,State,Zip:	HUDSON RIVER, NY 12801
County:	WASHINGTON
EPA ID:	NYD980763841
Site ID:	0284
Case Title:	U.S.V. GENERAL ELECTRIC COMPANY (HUDSON RIVER) (EPA-SUPERFUND)
Court Num:	05-1270
District:	New York, North
Entered Date:	11/02/06
Name:	HUDSON RIVER PCBS
Name:	HUDSON RIVER PCBS
Address:	NO STREET APPLICABLE
City,State,Zip:	HUDSON RIVER, NY 12801
County:	WASHINGTON
EPA ID:	NYD980763841
Site ID:	0284
Case Title:	U.S.V. GENERAL ELECTRIC COMPANY (HUDSON RIVER) (EPA-SUPERFUND)
Court Num:	05-1270
District:	New York, North
Entered Date:	11/02/06
Name:	HUDSON RIVER PCBS
Name:	HUDSON RIVER PCBS
Address:	NO STREET APPLICABLE
City,State,Zip:	HUDSON RIVER, NY 12801
County:	WASHINGTON
EPA ID:	NYD980763841
Site ID:	0284
Case Title:	U.S.V. GENERAL ELECTRIC COMPANY (HUDSON RIVER) (EPA-SUPERFUND)
Court Num:	05-1270
District:	New York, North
Entered Date:	11/02/06
Name:	HUDSON RIVER PCBS
Name:	HUDSON RIVER PCBS
Address:	NO STREET APPLICABLE
City,State,Zip:	HUDSON RIVER, NY 12801
County:	WASHINGTON

A1 **A & N CLEANERS & LAUNDERERS*** **EDR Hist Cleaner** **1018580668**
411 HIGHLAND AVE **N/A**
< 1/8 **PEEKSKILL, NY 10566**
1 ft.

Site 1 of 15 in cluster A

Relative: EDR Hist Cleaner
Lower

Actual: **178 ft.**

Year:	Name:	Type:
1971	A & N CLEANERS & LAUNDERERS*	Drycleaning Plants, Except Rugs
1972	A & N CLEANERS & LAUNDERERS*	Drycleaning Plants, Except Rugs
1973	A & N CLEANERS & LAUNDERERS*	Drycleaning Plants, Except Rugs
1974	CROTON CLEANERS & LAUNDERERS*	Drycleaning Plants, Except Rugs
1974	A & N CLEANERS & LAUNDERERS*	Drycleaning Plants, Except Rugs
1975	CROTON CLEANERS & LAUNDERERS*	Drycleaning Plants, Except Rugs
1975	A & N CLEANERS & LAUNDERERS*	Drycleaning Plants, Except Rugs
1976	CROTON CLEANERS & LAUNDERERS*	Drycleaning Plants, Except Rugs
1976	A & N CLEANERS & LAUNDERERS*	Drycleaning Plants, Except Rugs

---

A2 **HIGHLAND LIGHT STEAM LAUNDRY/WHITE PLAINS LINEN** **NY UST** **U004440427**
411-427 HIGHLAND AVENUE **N/A**
< 1/8 **PEEKSKILL, NY 10566**
1 ft.

Site 2 of 15 in cluster A

Relative: WESTCHESTER CO. UST:
Lower

Actual: **178 ft.**

Name:	HIGHLAND LIGHT STEAM LAUNDRY/WHITE PLAINS LINEN
Address:	411-427 HIGHLAND AVENUE
City,State,Zip:	PEEKSKILL, NY 10566
Id/Status:	3-800121 / Active
Operator Name:	Robert Carlock
Owner Name:	Highland Light Steam Laundry
Owner Street:	4 John Walsh Blvd
Owner Address2:	Not reported
Owner City:	Peekskill
Owner State:	NY
Owner Zipcode:	10566
GDS Number:	Not reported
Tank Number:	005
Status:	3. Closed - Removed
Capacity:	1000
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	04/01/1981
Date Perm Closure:	10/20/2014
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	3. Aboveground/Underground Combination
Piping Type:	10. Copper
Piping External Protection:	0. None
Overfill Prevention:	5. Vent Whistle
Piping Secondary Containment:	0. None
Spill Prevention:	0. None
Dispenser:	2. Suction

A3 **WHITE PLAINS LINEN** **US AIRS** **1007746010**
411 HIGHLAND AVE **N/A**
< 1/8 **PEEKSKILL, NY 10566**
1 ft.

Site 3 of 15 in cluster A

Relative:
Lower

Actual:
178 ft.

US AIRS (AFS):

Region Code:	02
County Code:	NY119
Programmatic ID:	AIR NY0000003551200113
Facility Registry ID:	110019083908
D and B Number:	Not reported
Facility Site Name:	WHITE PLAINS LINEN
Primary SIC Code:	7213
NAICS Code:	812331
Default Air Classification Code:	SMI
Facility Type of Ownership Code:	POF
Air CMS Category Code:	Not reported
HPV Status:	Not reported

US AIRS (AFS):

Region Code:	02
Programmatic ID:	AIR NY0000003551200113
Facility Registry ID:	110019083908
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI

Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-12-17 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

A4 **WHITE PLAINS LINEN** **FINDS** **1016085251**
411 HIGHLAND AVE **ECHO** **N/A**
< 1/8 **PEEKSKILL, NY 10566**
1 ft.

Site 4 of 15 in cluster A

Relative:
Lower

Actual:
178 ft.

FINDS:
Registry ID: 110019083908

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Air Facility System (AFS) contains compliance and permit data for stationary sources of air pollution regulated by the EPA, state, and local air pollution agencies.
ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.
The New York Department of Environmental Conservation Facility Information System (FIS) database houses all information about facilities that are regulated or of environmental interest to the state of New York.

WHITE PLAINS LINEN (Continued) **1016085251**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1016085251
Registry ID: 110019083908

DFR URL:
Name: WHITE PLAINS LINEN
Address: 411 HIGHLAND AVE
City,State,Zip: PEEKSKILL, NY 10566

A5 **407-419 HIGHLAND AVE FACILITY** **NY CBS** **S109374050**
411 HIGHLAND AVE **NY Spills** **N/A**
< 1/8 **PEEKSKILL, NY 10566** **NY AIRS**
1 ft.

Site 5 of 15 in cluster A

Relative: Lower
Actual: 178 ft.

CBS:
Name: HIGHLAND LIGHT STEAM LAUNDRY INC.
Address: 411 HIGHLAND AVENUE
City,State,Zip: PEEKSKILL, NY 10566
CBS Number: 3-000007
Program Type: CBS
Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 3
UTMX: 590476.68900
UTMY: 4572079.63014

SPILLS:
Name: WHITE PLAINS LINEN
Address: 411 HIGHLAND AVENUE
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 0206243 / 2002-09-19
Facility ID: 0206243
Facility Type: ER
DER Facility ID: 68897
Site ID: 73131
DEC Region: 3
Spill Cause: Unknown
Spill Class: C4
SWIS: 6012
Spill Date: 2002-09-17
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2002-09-17
CID: 204
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Fire Department
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0

407-419 HIGHLAND AVE FACILITY (Continued) **S109374050**

Date Entered In Computer:	2002-09-17
Spill Record Last Update:	2002-09-19
Spiller Name:	OPERATOR 626
Spiller Company:	WHITE PLAINS LINEN
Spiller Address:	411 HIGHLAND AVENUE
Spiller Company:	001
Contact Name:	OPERATOR 626
Latitude:	41.2951191
Longitude:	-73.9194029
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE
Remarks:	FUEL OIL - BEING CLEANED AT THIS TIME

All Materials:

Site ID:	73131
Operable Unit ID:	858741
Operable Unit:	01
Material ID:	516860
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	COAT & APRON CO
Address:	411 HIGHLAND BLVD
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0410072 / 2004-12-10
Facility ID:	0410072
Facility Type:	ER
DER Facility ID:	270188
Site ID:	334956
DEC Region:	3
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	6012
Spill Date:	2004-12-10
Investigator:	MBMASTRO
Referred To:	Not reported
Reported to Dept:	2004-12-10
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-12-10
Spill Record Last Update:	2004-12-24
Spiller Name:	ROB HILL

407-419 HIGHLAND AVE FACILITY (Continued) **S109374050**

Spiller Company:	CASTLE OIL
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	LOU ARMANO
Latitude:	41.2951080
Longitude:	-73.9193910
DEC Memo:	Not reported
Remarks:	CLEAN UP IN PROGRESS:

All Materials:

Site ID:	334956
Operable Unit ID:	1097066
Operable Unit:	01
Material ID:	2106731
Material Code:	1213A
Material Name:	MTBE (methyl-tert-butyl ether)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	True

Site ID:	334956
Operable Unit ID:	1097066
Operable Unit:	01
Material ID:	576997
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	True

Name:	WHITE PLAINS LINEN
Address:	411 HIGHLAND AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0809615 / 2009-01-09
Facility ID:	0809615
Facility Type:	ER
DER Facility ID:	356355
Site ID:	407098
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	6012
Spill Date:	2008-11-25
Investigator:	jbodee
Referred To:	WCDOH
Reported to Dept:	2008-11-25
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial

407-419 HIGHLAND AVE FACILITY (Continued) **S109374050**

Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	2008-11-26
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2008-11-25
Spill Record Last Update:	2009-01-09
Spiller Name:	WC FIRE DEPT
Spiller Company:	WHITE PLAINS LINEN
Spiller Address:	411 HIGHLAND AVE
Spiller Company:	999
Contact Name:	WC FIRE CONTROL
Latitude:	41.2950894
Longitude:	-73.9193697
DEC Memo:	WESTCHESTER COUNTY DOH TO RESPOND. SEWER IS CONNECTED TO THE SEWAGE TREATMENT PLANT. DOH WILL ALSO CHECK THE PLANT FOR OIL. DOH TO CONTACT DEC WITH STATUS. KAB 1/9/09: Overfill by Oil Co. Not recoverable, dissipated with laundry detergents in Sanitary Sewer. NFA sg/jod
Remarks:	Burke Oil was delivering oil. Fuel Oil has drained into the drainage system. Peekskill Fire Dept is on scene.

All Materials:

Site ID:	407098
Operable Unit ID:	1163657
Operable Unit:	01
Material ID:	2155001
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	75.00
Units:	G
Recovered:	Not reported
Resource Affected:	Sewer
Oxygenate:	Not reported

AIRS:

Name:	407-419 HIGHLAND AVE FACILITY
Address:	411 HIGHLAND AVE
City,State,Zip:	PEEKSKILL, NY 10566
DECID:	3551200113
Process ID:	Not reported
Latitude:	Not reported
Longitude:	Not reported
FIPS Code:	Not reported
Auth Type Code:	AFR
Permit Status:	Expired
Auth Status Code:	7
Emissions:	Not reported
Issue date:	10/28/2003
Expired Date:	01/27/2009

407-419 HIGHLAND AVE FACILITY (Continued) **S109374050**

Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported
Permit Status:	Expired
Auth Status Code:	7
Emissions:	Not reported
Issue date:	01/27/2009
Expired Date:	01/01/2012
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported
Permit Status:	Expired
Auth Status Code:	7
Emissions:	Not reported
Issue date:	05/14/1999
Expired Date:	10/28/2003
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported

A6 **ERNS 93151471**

411 HIGHLAND AVE **N/A**

< 1/8 **PEEKSKILL, NY 10566**

1 ft.

Site 6 of 15 in cluster A

Relative: **Lower**

Actual: **178 ft.**

Incident Commons:

NRC Report #:	151471
Description of Incident:	CHIMNEY/UNKNOWN BLACK SMOKE COMING FROM LAUNDROMAT
Type of Incident:	FIXED
Incident Cause:	UNKNOWN
Incident Date Time:	1993-01-01 07:00:00
Incident DTG:	OCCURRED
Incident Location:	Not reported
Loaction Address:	411 HIGHLAND AVE
Location Street 1:	Not reported
Location Street 2:	Not reported
Location Nearest City:	PEEKSKILL
Location State:	NY
Location County:	WESTCHESTER
Location Zip:	10566
Distance From City:	Not reported
Distance Units:	Not reported
Direction From City:	Not reported
Lat Deg:	Not reported
Lat Min:	Not reported
Lat Sec:	Not reported
Lat Quad:	Not reported
Long Deg:	Not reported
Long Min:	Not reported

(Continued) **93151471**

Long Sec:	Not reported
Long Quad:	Not reported
Location Section:	Not reported
Location Township:	Not reported
Location range:	Not reported
Potential Range:	Not reported

Incidents:

Year:	1993
NRC Report #:	151471
Aircraft Type:	UNKNOWN
Aircraft Model:	Not reported
Aircraft ID:	Not reported
Aircraft Fuel Capacity:	Not reported
Aircraft Fuel Capacity Units:	Not reported
Aircraft Fuel on Board:	Not reported
Aircraft Fuel on Board Units:	Not reported
Aircraft Spot Number:	Not reported
Aircraft Hanger:	Not reported
Aircraft Runway Number:	Not reported
Road Mile Marker:	Not reported
Building ID:	Not reported
Type of Fixed Object:	UNKNOWN
Power Generating Facility:	U
Generating Capacity:	Not reported
Type of Fuel:	Not reported
NPDES:	Not reported
NPDES Compliance:	U
Pipeline Type:	UNKNOWN
DOT Regulated:	U
Pipeline Above Ground:	ABOVE
Exposed Underwater:	U
Pipeline Covered:	U
Railroad Hotline:	N
Grade Crossing:	N
Location Subdivision:	Not reported
Railroad Milepost:	UNKNOWN
Type Vehicle Involved:	UNKNOWN
Crossing Device Type:	Not reported
Device Operational:	Y
DOT Crossing Number:	Not reported
Brake Failure:	N
Description of Tank:	Not reported
Tank Above Ground:	ABOVE
Transportable Container:	U
Tank Regulated:	U
Tank Regulated By:	Not reported
Tank ID:	Not reported
Capacity of Tank:	Not reported
Capacity of Tank Units:	Not reported
Actual Amount:	Not reported
Actual Amount Units:	Not reported
Platform Rig Name:	Not reported
Platform Letter:	Not reported
Location Area ID:	Not reported
Location Block ID:	Not reported
OCSG Number:	Not reported
OCSP Number:	Not reported

(Continued) **93151471**

State Lease Number:	Not reported
Pier Dock Number:	Not reported
Berth Slip Number:	Not reported
Continuous Release Type:	Not reported
Initial Continuous Release No:	Not reported
Continuous Release Permit:	Not reported
Allision:	N
Type of Structure:	Not reported
Structure Name:	Not reported
Structure Operational:	Y
Airbag Deployed:	Not reported
Date Tiem Normal Service:	Not reported
Service Disruption Time:	Not reported
Service Disruption Units:	Not reported
Transit Bus Flag:	Not reported
CR Begin Date:	Not reported
CR End Date:	Not reported
CR Change Date:	Not reported
FBI Contact:	Not reported
FBI Contact Date Time:	Not reported
Sub Part C Testing Req:	XXX
Conductor Testing:	Not reported
Engineer Testing:	Not reported
Trainman Testing:	Not reported
Yard Foreman Testing:	Not reported
RCL Operator Testing:	Not reported
Brakeman Testing:	Not reported
Train Dispatcher Testing:	Not reported
Signalman Testing:	Not reported
Other Employee Testing:	Not reported
Unknown Testing:	Not reported
Passenger Handling:	Not reported
Passenger Route:	XXX
Passenger Delay:	XXX

Incident Details:

Year:	1993
NRC Report #:	151471
Fire Involved:	N
Fire Extinguished:	U
Any Evacuations:	N
Number Evacuated:	Not reported
Who Evacuated:	Not reported
Radius of Evacuation:	Not reported
Any Injuries:	U
Number Injured:	Not reported
Number Hospitalized:	Not reported
Any Fatalities:	U
Number Fatalities:	Not reported
Any Damages:	N
Damage Amount:	Not reported
Air Corridor Closed:	N
Air Corridor Desc:	Not reported
Air Closure Time:	Not reported
Waterway Closed:	N
Waterway Desc:	Not reported
Waterway Closure Time:	Not reported

(Continued) **93151471**

Road Closed:	N
Road Desc:	Not reported
Road Closure Time:	Not reported
Closure Direction:	Not reported
Major Artery:	N
Track Closed:	N
Track Desc:	Not reported
Track Closure Time:	Not reported
Media Interest:	Not reported
Medium Desc:	AIR
Additional Medium Info:	ATMOSPHERE
Body of Water:	Not reported
Tributary of:	Not reported
Release Secured:	U
Estimated Duration of Release:	Not reported
Release rate:	Not reported
Desc Remedial Action:	NONE
State Agency on Scene:	Not reported
State Agency Report Number:	Not reported
Other Agency Notified:	Not reported
Weather Conditions:	Not reported
Air Temperature:	Not reported
Wind Speed:	Not reported
Wind Direction:	Not reported
Water Supply Contaminated:	U
Sheen Size:	Not reported
Sheen Color:	Not reported
Direction of Sheen Travel:	Not reported
Sheen Odor Description:	Not reported
Wave Condition:	Not reported
Current Speed:	Not reported
Current Direction:	Not reported
Water Temperature:	Not reported
Track Close Dir:	Not reported
Empl Fatality:	Not reported
Pass Fatality:	Not reported
Community Impact:	N
Wind Speed Unit:	Not reported
Employee Injuries:	Not reported
Passenger Injuries:	Not reported
Occupant Fatality:	Not reported
Current Speed Unit:	Not reported
Road Closure Units:	Not reported
Track CLosure Units:	Not reported
Sheen Size Units:	Not reported
Additional Info:	CALLER WILL NOTIFY LOCAL HD
State Agency Notified:	Not reported
Federal Agency Notified:	Not reported
nearest River Mile Marker:	Not reported
Sheen Size Length:	Not reported
Sheen Size Length Units:	Not reported
Sheen Size Width:	Not reported
Sheen Size Width Units:	Not reported
Offshore:	N
Duration Unit:	Not reported
Release Rate Unit:	Not reported
Release Rate Rate:	Not reported

(Continued) **93151471**

Passengers Transferred: UNK

Calls:
Year: 1993
NRC Report #: 151471
Site ID: 93151471
Date Time Received: 1993-01-04 10:37:38
Date Time Complete: 1993-01-04 10:47:08
Call Type: INC
Responsible Company: WHITE PLAINS COAT & APRON
Responsible Org Type: PRIVATE ENTERPRISE
Responsible City: PEEKSKILL
Responsible State: NY
Responsible Zip: 10566
On Behalf: Not reported
Source: UNAVAILABLE

Material Involved:
Year: 1993
NRC Report #: 151471
Chris Code: UNK
Case Number: Not reported
UN Number: Not reported
Amount of Material: 0
Unit of Measure: UNKNOWN AMOUNT
Name of Material: UNKNOWN MATERIAL
If Reached Water: YES
Amount in Water: 0
Unit of Measure Reach Water: NONE

A7 **HIGHLAND LIGHT STEAM LAUNDRY/WHITE PLAINS LINEN** **NY AST** **A100540393**
411-427 HIGHLAND AVENUE **N/A**
< 1/8 **PEEKSKILL, NY 10566**
1 ft.

Site 7 of 15 in cluster A

Relative: **Lower**
Actual: **178 ft.**

WESTCHESTER CO. AST:
Name: HIGHLAND LIGHT STEAM LAUNDRY/WHITE PLAINS LINEN
Address: 411-427 HIGHLAND AVENUE
City,State,Zip: PEEKSKILL, NY 10566
PBS Number: 3-800121
Site Status: Active
GDS Number: Not reported
Operator Name: Robert Carlock
Owner Name: Highland Light Steam Laundry
Owner Street: 4 John Walsh Blvd
Owner Address2: Not reported
Owner City/State/Zip: Peekskill, NY 10566

Tank Number: 002
Status: 0. Administratively closed
Date Installation: 08/01/1989
Capacity: 275
Product Stored: 0001. #2 Fuel Oil
Product Stored Percent: Not reported
Date Perm Closure: 01/01/1900

HIGHLAND LIGHT STEAM LAUNDRY/WHITE PLAINS LINEN (Continued) **A100540393**

Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	6. Impervious Barrier/Concrete Pad (Aboveground Only)
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	5. Vent Whistle
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	003
Status:	0. Administratively closed
Date Installation:	08/01/1989
Capacity:	275
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	6. Impervious Barrier/Concrete Pad (Aboveground Only)
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	5. Vent Whistle
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	004
Status:	1. In-Service
Date Installation:	02/01/1978
Capacity:	550
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	6. Impervious Barrier/Concrete Pad (Aboveground Only)
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None

HIGHLAND LIGHT STEAM LAUNDRY/WHITE PLAINS LINEN (Continued) **A100540393**

Overfill Prevention:	5. Vent Whistle
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	006
Status:	1. In-Service
Date Installation:	10/01/1968
Capacity:	8000
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	2. Aboveground (contact w/ impervious barrier)
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	1. Aboveground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	5. Vent Whistle
Spill Prevention:	0. None
Dispenser:	2. Suction

A8 **HIGHLAND LIGHT STEAM LAUNDRY INC.** **NY AST** **S103941680**
411 HIGHLAND AVENUE **NY CBS AST** **N/A**
< 1/8 **PEEKSKILL, NY 10566**
1 ft.

Site 8 of 15 in cluster A

Relative: **Lower**

Actual: **178 ft.**

AST:

Name:	HIGHLAND LIGHT STEAM LAUNDRY INC.
Address:	411 HIGHLAND AVENUE
City,State,Zip:	PEEKSKILL, NY 10566
Region:	STATE
DEC Region:	3
Site Status:	Unregulated/Closed
Facility Id:	3-000007
Program Type:	CBS
UTM X:	590476.68900
UTM Y:	4572079.63014
Expiration Date:	N/A
Site Type:	Swimming Pools (Other than Municipal)

Tank Info:

Tank Number:	007
Tank Id:	182667
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Plastic
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	12/01/1983
Capacity Gallons:	550

HIGHLAND LIGHT STEAM LAUNDRY INC. (Continued) **S103941680**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/17/2010
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Not reported

Tank Number:	008
Tank Id:	195275
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Plastic
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	09/01/2003
Capacity Gallons:	800
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/05/2011
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Not reported

Tank Number:	009
Tank Id:	195276
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Plastic
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	09/01/2003
Capacity Gallons:	500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	03/01/2008
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Not reported

CBS AST:

CBS Number:	3-000007
ICS Number:	3-700229
PBS Number:	Not reported
MOSF Number:	Not reported
SPDES Number:	Not reported
Facility Status:	IN SERVICE
Facility Type:	I
Telephone:	(914) 737-2532
Facility Town:	PEEKSKILL (C)

HIGHLAND LIGHT STEAM LAUNDRY INC. (Continued) **S103941680**

Region:	STATE
Expiration Date:	01/27/2003
Total Capacity of All Active Tanks(gal):	550
Operator:	KEITH BOTCHMAN
Emergency Contact:	BRUCE BOTCHMAN
Emergency Phone:	(914) 737-2532
Owner Name:	HIGHLAND LIGHT STEAM LAUNDRY INC.
Owner Address:	4 JOHN WALSH BOULEVARD
Owner City,St,Zip:	PEEKSKILL, NY 10566
Owner Telephone:	(914) 737-2532
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Mail Name:	HIGHLAND LIGHT STEAM LAUNDRY INC.
Mail Contact Addr:	4 JOHN WALSH BOULEVARD
Mail Contact Addr2:	Not reported
Mail Contact Contact:	BRUCE BOTCHMAN
Mail Contact City,St,Zip:	PEEKSKILL, NY 10566
Mail Phone:	(914) 737-2532
Tank Id:	001
CAS Number:	7681529
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	12/83
Tank Closed:	Not reported
Capacity (Gal):	550
Chemical:	Sodium hypochlorite
Tank Location:	Indoors, Aboveground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	1
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	01/27/1989
Certified Date:	11/15/2000
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None
Leak Detection:	Concrete Pad w/channels
Overfill Protection:	None
Haz Percent:	15
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	5512
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	10/01/92
Is It There:	False
Delinquent:	False
Date Expired:	01/27/95
Owner Mark:	1
Certificate Needs to be Printed:	False

HIGHLAND LIGHT STEAM LAUNDRY INC. (Continued) **S103941680**

Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 11/02/2000

A9 **WHITEPLAINS LINEN/HILAND LAUNDRY** **NY DRYCLEANERS** **S110248325**
411 HIGHLAND AVENUE **N/A**
< 1/8 **PEEKSKILL, NY 10566**
1 ft.

Site 9 of 15 in cluster A

Relative: **Lower**
Actual: **178 ft.**

DRYCLEANERS:

Name:	WHITEPLAINS LINEN/HILAND LAUNDRY
Address:	411 HIGHLAND AVENUE
City,State,Zip:	PEEKSKILL, NY 10566
Facility ID:	3-5512-00113
Phone Number:	(914)737-2532
Region:	Not reported
Registration Effective Date:	1/27/2009
Inspection Date:	Not reported
Install Date:	99
Expiration Date:	Not reported
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	WATER
Current Business:	Not reported

A10 **WHITE PLAINS LINEN** **NY Spills** **S117393146**
427 HIGHLAND AVE **N/A**
< 1/8 **PEEKSKILL, NY**
1 ft.

Site 10 of 15 in cluster A

Relative: **Lower**
Actual: **174 ft.**

SPILLS:

Name:	WHITE PLAINS LINEN
Address:	427 HIGHLAND AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1408577 / 2022-02-02
Facility ID:	1408577
Facility Type:	ER
DER Facility ID:	457123
Site ID:	502143
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	6012
Spill Date:	2014-11-20
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2014-11-20
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False

WHITE PLAINS LINEN (Continued) **S117393146**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2014-11-20
Spill Record Last Update:	2022-02-02
Spiller Name:	LEN LABONIA
Spiller Company:	WHITE PLAINS LINEN
Spiller Address:	427 HIGHLAND AVE
Spiller Company:	999
Contact Name:	LEN LABONIA
Latitude:	41.2961111
Longitude:	-73.9197222
DEC Memo:	11/20/14 - A 550 gal. UST has been removed. Additional soil removal is needed. PBS No. 3-800121. KAB 11-20, email from WCHD, 1408577 White Plains Linen, 427 highland Ave, Peekskill PBS- 3-800121.Elite removed a 1K from the sidewalk. The excavation is backfilled, however they intend to return to excavate the soil,They are also digging looking for an additional tank. (identified on a magnetic survey),Elite didn t realize it was a PBS site and back file for permits. (They also have an 8K AST).Chris- WC will follow up RDB 5-4-17 Meeting with WCDOH, Permit on file with WC for removal of tank #5 (1K). Need followup on cleanup following removal. GHP 1/20/22: I was contacted by Ray Hilyer from Elite. Current owner of this property contacted Elite asking why the spill is still open. Elite states a closure report was submitted to the WCDOH in January of 2015. Message sent to PBS for confirmation. Closure report will be scanned to DecDocs. jod 2/1/22 Email to County requesting FIR and any other pertinent information. jc 2/02/22: Chris Lalak from WCDOH confirms closure request was forwarded to DEC in 2017. Closure report from Elite and current FIR scanned to DecDocs. NFA required. jod
Remarks:	20 tons - possibly soil recovery - cleanup pending - digging up tank

All Materials:

Site ID:	502143
Operable Unit ID:	1251527
Operable Unit:	01
Material ID:	2253466
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

A11 **ERNS** **2003647448**

429 HIGHLAND AVE **N/A**

< 1/8 **PEEKSILL, NY**

1 ft.

Site 11 of 15 in cluster A

Relative: Lower

Actual: 173 ft.

Incident Commons:

NRC Report #:	647448
Description of Incident:	MATERIALS RELEASED FROM A PIPELINE DUE TO AN OPERATOR ERROR.
Type of Incident:	PIPELINE
Incident Cause:	OPERATOR ERROR
Incident Date Time:	2003-06-10 13:50:00
Incident DTG:	OCCURRED
Incident Location:	Not reported
Loaction Address:	429 HIGHLAND AVE
Location Street 1:	Not reported
Location Street 2:	Not reported
Location Nearest City:	PEEKSILL
Location State:	NY
Location County:	WESTCHESTER
Location Zip:	Not reported
Distance From City:	Not reported
Distance Units:	Not reported
Direction From City:	Not reported
Lat Deg:	Not reported
Lat Min:	Not reported
Lat Sec:	Not reported
Lat Quad:	Not reported
Long Deg:	Not reported
Long Min:	Not reported
Long Sec:	Not reported
Long Quad:	Not reported
Location Section:	Not reported
Location Township:	Not reported
Location range:	Not reported
Potential Range:	Not reported

Incidents:

Year:	2003
NRC Report #:	647448
Aircraft Type:	Not reported
Aircraft Model:	Not reported
Aircraft ID:	Not reported
Aircraft Fuel Capacity:	Not reported
Aircraft Fuel Capacity Units:	Not reported
Aircraft Fuel on Board:	Not reported
Aircraft Fuel on Board Units:	Not reported
Aircraft Spot Number:	Not reported
Aircraft Hanger:	Not reported
Aircraft Runway Number:	Not reported
Road Mile Marker:	Not reported
Building ID:	Not reported
Type of Fixed Object:	Not reported
Power Generating Facility:	U
Generating Capacity:	Not reported
Type of Fuel:	Not reported
NPDES:	Not reported
NPDES Compliance:	U
Pipeline Type:	OTHER
DOT Regulated:	U

(Continued) **2003647448**

Pipeline Above Ground:	BELOW
Exposed Underwater:	N
Pipeline Covered:	U
Railroad Hotline:	Not reported
Grade Crossing:	N
Location Subdivision:	Not reported
Railroad Milepost:	Not reported
Type Vehicle Involved:	Not reported
Crossing Device Type:	Not reported
Device Operational:	Y
DOT Crossing Number:	Not reported
Brake Failure:	N
Description of Tank:	Not reported
Tank Above Ground:	ABOVE
Transportable Container:	U
Tank Regulated:	U
Tank Regulated By:	Not reported
Tank ID:	Not reported
Capacity of Tank:	Not reported
Capacity of Tank Units:	Not reported
Actual Amount:	Not reported
Actual Amount Units:	Not reported
Platform Rig Name:	Not reported
Platform Letter:	Not reported
Location Area ID:	Not reported
Location Block ID:	Not reported
OCSG Number:	Not reported
OCSP Number:	Not reported
State Lease Number:	Not reported
Pier Dock Number:	Not reported
Berth Slip Number:	Not reported
Continuous Release Type:	Not reported
Initial Continuous Release No:	Not reported
Continuous Release Permit:	Not reported
Allision:	N
Type of Structure:	Not reported
Structure Name:	Not reported
Structure Operational:	U
Airbag Deployed:	Not reported
Date Tiem Normal Service:	Not reported
Service Disruption Time:	Not reported
Service Disruption Units:	Not reported
Transit Bus Flag:	Not reported
CR Begin Date:	Not reported
CR End Date:	Not reported
CR Change Date:	Not reported
FBI Contact:	Not reported
FBI Contact Date Time:	Not reported
Sub Part C Testing Req:	XXX
Conductor Testing:	Not reported
Engineer Testing:	Not reported
Trainman Testing:	Not reported
Yard Foreman Testing:	Not reported
RCL Operator Testing:	Not reported
Brakeman Testing:	Not reported
Train Dispatcher Testing:	Not reported
Signalman Testing:	Not reported

(Continued) **2003647448**

Other Employee Testing:	Not reported
Unknown Testing:	Not reported
Passenger Handling:	Not reported
Passenger Route:	XXX
Passenger Delay:	XXX

Incident Details:

Year:	2003
NRC Report #:	647448
Fire Involved:	N
Fire Extinguished:	U
Any Evacuations:	N
Number Evacuated:	Not reported
Who Evacuated:	Not reported
Radius of Evacuation:	Not reported
Any Injuries:	N
Number Injured:	Not reported
Number Hospitalized:	Not reported
Any Fatalities:	N
Number Fatalities:	Not reported
Any Damages:	N
Damage Amount:	Not reported
Air Corridor Closed:	N
Air Corridor Desc:	Not reported
Air Closure Time:	Not reported
Waterway Closed:	N
Waterway Desc:	Not reported
Waterway Closure Time:	Not reported
Road Closed:	N
Road Desc:	Not reported
Road Closure Time:	Not reported
Closure Direction:	Not reported
Major Artery:	N
Track Closed:	N
Track Desc:	Not reported
Track Closure Time:	Not reported
Media Interest:	NONE
Medium Desc:	WATER
Additional Medium Info:	HUDSON RIVER
Body of Water:	HUDSON RIVER
Tributary of:	Not reported
Release Secured:	Y
Estimated Duration of Release:	Not reported
Release rate:	Not reported
Desc Remedial Action:	INVESTIGATION UNDERWAY.
State Agency on Scene:	Not reported
State Agency Report Number:	Not reported
Other Agency Notified:	Not reported
Weather Conditions:	SUNNY
Air Temperature:	Not reported
Wind Speed:	Not reported
Wind Direction:	Not reported
Water Supply Contaminated:	N
Sheen Size:	Not reported
Sheen Color:	UNKNOWN
Direction of Sheen Travel:	Not reported
Sheen Odor Description:	Not reported

(Continued) **2003647448**

Wave Condition:	Not reported
Current Speed:	Not reported
Current Direction:	Not reported
Water Temperature:	Not reported
Track Close Dir:	Not reported
Empl Fatality:	Not reported
Pass Fatality:	Not reported
Community Impact:	N
Wind Speed Unit:	Not reported
Employee Injuries:	Not reported
Passenger Injuries:	Not reported
Occupant Fatality:	Not reported
Current Speed Unit:	Not reported
Road Closure Units:	Not reported
Track CLosure Units:	Not reported
Sheen Size Units:	Not reported
Additional Info:	NO SHEEN INFORMATION.
State Agency Notified:	Not reported
Federal Agency Notified:	Not reported
nearest River Mile Marker:	Not reported
Sheen Size Length:	Not reported
Sheen Size Length Units:	Not reported
Sheen Size Width:	Not reported
Sheen Size Width Units:	Not reported
Offshore:	N
Duration Unit:	Not reported
Release Rate Unit:	Not reported
Release Rate Rate:	Not reported
Passengers Transferred:	UNK

Calls:

Year:	2003
NRC Report #:	647448
Site ID:	2003647448
Date Time Received:	2003-06-10 15:05:11
Date Time Complete:	2003-06-10 15:11:01
Call Type:	INC
Responsible Company:	CON EDISON
Responsible Org Type:	PUBLIC UTILITY
Responsible City:	NEW YORK
Responsible State:	NY
Responsible Zip:	10023
On Behalf:	Y
Source:	TELEPHONE

Material Involved:

Year:	2003
NRC Report #:	647448
Chris Code:	UNK
Case Number:	000000-00-0
UN Number:	Not reported
Amount of Material:	4
Unit of Measure:	GALLON(S)
Name of Material:	UNKNOWN MATERIAL
If Reached Water:	YES
Amount in Water:	4

(Continued) **2003647448**

Unit of Measure Reach Water: GALLON(S)

A12 **SPILL NUMBER 0302563** **NY Spills** **S106014872**
429 HIGHLAND AVE **N/A**
< 1/8 **PEEKSKILL, NY**
1 ft.

Site 12 of 15 in cluster A

Relative: SPILLS:
Lower

Actual: Name:	SPILL NUMBER 0302563
173 ft. Address:	429 HIGHLAND AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0302563 / 2003-06-11
Facility ID:	0302563
Facility Type:	ER
DER Facility ID:	127235
Site ID:	149609
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	6012
Spill Date:	2003-06-10
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	2003-06-10
CID:	252
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-06-10
Spill Record Last Update:	2003-06-12
Spiller Name:	MARK SCHLAGEL
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	ANDREW MORRIS
Latitude:	41.2953092
Longitude:	-73.9195072
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY
Remarks:	BACK HOE WAS EXCAVATING FOR A GAS LEAK WHEN IT HIT A SEWER CONNECTION CAUSING SPILL OF UNK MATERIAL INTO A CATCH BASIN WHICH ALSO LEADS TO THE HUDSON RIVER-UNK IF IT MADE ITS WAY TO THE RIVER. SPILL IS STILL UNDER INVESTIGATION. CON ED #148674

All Materials:

Site ID:	149609
Operable Unit ID:	870303
Operable Unit:	01
Material ID:	571422
Material Code:	0064A

SPILL NUMBER 0302563 (Continued) **S106014872**

Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

B13 **ROADWAY** **NY Spills** **S116155134**
NW **501 HIGHLAND AVE** **N/A**
< 1/8 **PEEKSKILL, NY**
0.010 mi.
52 ft. **Site 1 of 12 in cluster B**

Relative: **Lower**

Actual: **168 ft.**

SPILLS:

Name:	ROADWAY
Address:	501 HIGHLAND AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1308649 / 2013-11-26
Facility ID:	1308649
Facility Type:	ER
DER Facility ID:	444501
Site ID:	489400
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	D4
SWIS:	6012
Spill Date:	2013-11-26
Investigator:	MBMASTRO
Referred To:	Not reported
Reported to Dept:	2013-11-26
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Tank Truck
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2013-11-26
Spill Record Last Update:	2013-11-26
Spiller Name:	Not reported
Spiller Company:	PETRO KINGS
Spiller Address:	166 ELM ST
Spiller Company:	999
Contact Name:	PEEKSKILL PD
Latitude:	41.2962616
Longitude:	-73.9197886
DEC Memo:	Spoke to caller. Small spill. All on pavement. Being cleaned up by Petro and town will sand, nfa...mm
Remarks:	possible open hatch on truck/FD on site/

All Materials:

ROADWAY (Continued) **S116155134**

Site ID:	489400
Operable Unit ID:	1238980
Operable Unit:	01
Material ID:	2238940
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

B14 **RENTAL PROPERTY - UST/AST** **NY Spills** **S129994692**
WNW **949 CONSTANT AVE** **N/A**
< 1/8 **PEEKSKILL, NY**
0.011 mi.
60 ft. **Site 2 of 12 in cluster B**

Relative: **Lower**

Actual: **170 ft.**

SPILLS:

Name:	RENTAL PROPERTY - UST/AST
Address:	949 CONSTANT AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	2209935 / 2024-02-13
Facility ID:	2209935
Facility Type:	ER
DER Facility ID:	595359
Site ID:	649329
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	6012
Spill Date:	2023-03-15
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2023-03-15
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2023-03-15
Spill Record Last Update:	2024-02-13
Spiller Name:	Jane - Property Manager
Spiller Company:	Owner
Spiller Address:	949 CONSTANT AVE
Spiller Company:	999
Contact Name:	GREG SPADACCINI
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	3/15/23 Castlton assessed a leaking 275-gal outdoor AST that is backup

RENTAL PROPERTY - UST/AST (Continued) **S129994692**

tank at a multi-family
residence. Tank is weeping and concrete is stained below. No remedial action taken so far. Tank
level is 3/4 full. JG Spoke to Property Manager Jane. They have hired Elite Environmental to remove
the tank. Work is scheduled for Monday 3/20. JG 3/16/2023: Spoke with Greg at Castlton: Jane is the
property manager of a multi family home. The AST is a backup tank that has a slow leak. Can t see
the exact hole, but concrete underneath is stained, and bottom half of the tank is sweating. 275
AST - backup tank - leaking. 3/4 full 550 UST (mostly above ground under the porch but about 10% is
underground so labeling as a UST). Unknown if leaking. 3/4 full - in service. Her oil company is
Economy who is directly across the street. She is getting bids, but I told her she needs to do this
asap. Tenants are old. But no odors in the home at the moment. However I explained the risk of the
tank bottoming out. Municipal water and sewer. jod 2/09/2024: Messages sent to Castlton and Elite
requesting information whether or not they were hired to complete the cleanup. Castlton reports
back they were never hired. jod 2/13/2024: Elite Environmental removed the AST and completed
cleanup of the surface spill. PID field screening of soil below the basement floor did not detect
any contamination. Report reviewed and uploaded to DecDocs. NFA at this time. jod

Remarks: cleanup pending

All TTF:

Facility ID:	2209935
Spill Number:	2209935
Spill Tank Test:	2513769
Site ID:	649329
Tank Number:	AST
Tank Size:	275
Material:	0001
EPA UST:	False
UST:	False
Cause:	01
Source:	01
Test Method:	NN
Test Method 2:	Testing Not Required
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	JBODEE
Last Modified Date:	Not reported

All Materials:

Site ID:	649329
Operable Unit ID:	1396283
Operable Unit:	01
Material ID:	2412273
Material Code:	0001A
Material Name:	#2 fuel oil

RENTAL PROPERTY - UST/AST (Continued) **S129994692**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

B15 **VAN CORTLANDT GARAGE INC** **EDR Hist Auto** **1020142620**
NW **500 HIGHLAND AVE** **N/A**
< 1/8 **PEEKSKILL, NY 10566**
0.014 mi.
72 ft. **Site 3 of 12 in cluster B**

Relative: EDR Hist Auto
Lower

Actual:
169 ft.

Year:	Name:	Type:
1969	VAN CORTLANDT GARAGE INC	General Automotive Repair Shops
1970	VAN CORTLANDT GARAGE INC	General Automotive Repair Shops
1971	VAN CORTLANDT GARAGE INC	General Automotive Repair Shops
1972	VAN CORTLANDT GARAGE INC	General Automotive Repair Shops
1973	VAN CORTLANDT GARAGE INC	General Automotive Repair Shops
1974	VAN CORTLANDT GARAGE INC	General Automotive Repair Shops
1975	VAN CORTLANDT GARAGE INC	General Automotive Repair Shops
1976	VAN CORTLANDT GARAGE INC	General Automotive Repair Shops
1977	VAN CORTLANDT GARAGE INC	General Automotive Repair Shops
1978	VAN CORTLANDT GARAGE INC	General Automotive Repair Shops
1979	VAN CORTLANDT GARAGE INC	General Automotive Repair Shops
1980	VAN CORTLANDT GARAGE INC	General Automotive Repair Shops
1982	VAN CORTLANDT GARAGE INC	General Automotive Repair Shops
1983	VAN CORTLANDT GARAGE INC	General Automotive Repair Shops
1985	VAN CORTLANDT GARAGE INC	General Automotive Repair Shops
1986	VAN CORTLANDT TRANSM TRCK RP*	Automotive Repair Shops, NEC
1987	VAN CRTLNDT TRNSM TRCK REPAIR*	Automotive Repair Shops, NEC
1988	VAN CRTLNDT TRNSM TRCK REPAIR	Automotive Repair Shops, NEC
1989	VAN CRTLNDT TRNSM TRCK REPAIR	Automotive Transmission Repair Shops
1990	VAN CRTLNDT TRNSM TRCK REPAIR	Automotive Transmission Repair Shops
1991	VAN CRTLANDT TRANSM TRCK REPR	Automotive Transmission Repair Shops
1992	VAN CRTLANDT TRANSM TRCK REPR	Automotive Transmission Repair Shops
1993	VAN CRTLANDT TRANSM TRCK REPR	Automotive Transmission Repair Shops

---

B16 **POLE 10 &11** **NY Spills** **S108636830**
NW **HIGHLAND AVE/CONSTRANT AVE** **N/A**
< 1/8 **PEEKSKILL, NY**
0.015 mi.
81 ft. **Site 4 of 12 in cluster B**

Relative: SPILLS:
Lower

Actual:
168 ft.

Name:	POLE 10 &11
Address:	HIGHLAND AVE/CONSTRANT AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0701414 / 2007-12-10
Facility ID:	0701414
Facility Type:	ER
DER Facility ID:	330338

POLE 10 &11 (Continued) **S108636830**

Site ID:	380926
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	6012
Spill Date:	2007-05-03
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2007-05-03
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2007-05-03
Spill Record Last Update:	2007-12-10
Spiller Name:	ERTSDESK
Spiller Company:	POLE 10 &11
Spiller Address:	HIGHLAND AVE/CONSTRANT AV
Spiller Company:	001
Contact Name:	ERTSDESK
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	Not reported
Remarks:	1/2 PINT AND WENT ONTO CONCRETE WILL BE CLEANED UP: CONED # 205656

All Materials:

Site ID:	380926
Operable Unit ID:	1138397
Operable Unit:	01
Material ID:	2128384
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

B17 **SPILL NUMBER 9810581** **NY Spills** **S104648203**
NW **HIGHLAND AVE/CONSTANT AVE** **N/A**
< 1/8 **PEEKSKILL, NY**
0.016 mi.
82 ft. **Site 5 of 12 in cluster B**

Relative: **Lower**

Actual: **168 ft.**

SPILLS:

Name:	SPILL NUMBER 9810581
Address:	HIGHLAND AVE/CONSTANT AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9810581 / 2003-07-01

SPILL NUMBER 9810581 (Continued) **S104648203**

Facility ID:	9810581
Facility Type:	ER
DER Facility ID:	117077
Site ID:	136826
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	6012
Spill Date:	1998-11-20
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1998-11-20
CID:	382
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-11-20
Spill Record Last Update:	2003-07-01
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	ENGINE 134
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE
Remarks:	THE SPILL IS CONTAINED AT THIS POINT.

All Materials:

Site ID:	136826
Operable Unit ID:	1067807
Operable Unit:	01
Material ID:	553242
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

A18 **SECCOR JOSEPH T** **EDR Hist Auto** **1021123536**
South **400 HIGHLAND AVE** **N/A**
< 1/8 **PEEKSKILL, NY 10566**
0.025 mi.
134 ft. **Site 13 of 15 in cluster A**

Relative: EDR Hist Auto
Lower

Actual: **176 ft.**

Year:	Name:	Type:
1969	SECCOR JOSEPH T	Gasoline Service Stations
1970	SECCOR JOSEPH T	Gasoline Service Stations
1971	SECCOR JOSEPH T	Gasoline Service Stations
1972	SECCOR JOSEPH T	Gasoline Service Stations
1973	SECCOR JOSEPH T	Gasoline Service Stations
1974	SECCOR JOSEPH T	Gasoline Service Stations
1975	SECCOR JOSEPH T	Gasoline Service Stations
1978	SECCOR JOSEPH	Gasoline Service Stations
1979	SECCOR JOSEPH	Gasoline Service Stations
1980	HIGHLAND SERVICE STATION	Gasoline Service Stations
1982	HIGHLAND SERVICE STATION	Gasoline Service Stations
1983	HIGHLAND SERVICE STATION	Gasoline Service Stations

A19 **TURNER** **NY Spills** **S102106296**
South **400 HIGHLAND AVE** **N/A**
< 1/8 **PEEKSKILL, NY**
0.025 mi.
134 ft. **Site 14 of 15 in cluster A**

Relative: SPILLS:
Lower

Actual: **176 ft.**

Name:	TURNER
Address:	400 HIGHLAND AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	8710730 / 1988-03-24
Facility ID:	8710730
Facility Type:	ER
DER Facility ID:	235954
Site ID:	291401
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	6012
Spill Date:	1988-02-16
Investigator:	RICCI
Referred To:	Not reported
Reported to Dept:	1988-03-23
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	1988-03-24
Cleanup Meets Std:	True
Last Inspection:	1988-03-24
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-12-02
Spill Record Last Update:	2003-12-02
Spiller Name:	Not reported
Spiller Company:	HEAT WELL
Spiller Address:	Not reported

TURNER (Continued) **S102106296**

Spiller Company:	001
Contact Name:	Not reported
Latitude:	41.2949575
Longitude:	-73.9194653
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was RICCI,L 03/24/88: SITE INSPECTION: SOIL REMOVED AROUND FILL PIPE & SECTION OF LAWN. NO CONTAMINATED SOIL VISABLE. GAVE CONTAMINATION MANAGEMENT,H.OKEEFE, PERMISSION TO BACK FILL LAWN. L.R.
Remarks:	HOSE BROKE DURING DELIVERY, SPRAYED HOUSE & YARD WITH # 2 FUEL. HEAT WELL WASHED OFF HOUSE & HAULED AWAY SNOW. DEC WAS NOT CONTACTED. LAWN & SIDEWALK ARE NOW OIL SOAKED. STEAM IN BACKYARD. SEE UPDATE.

All Materials:

Site ID:	291401
Operable Unit ID:	916596
Operable Unit:	01
Material ID:	462490
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	80.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

B20 **TREASURE SERVICE STATION** **EDR Hist Auto** **1021317349**
NW **529 HIGHLAND AVE** **N/A**
< 1/8 **PEEKSKILL, NY 10566**
0.029 mi.
154 ft. **Site 6 of 12 in cluster B**

Relative: EDR Hist Auto
Lower

Actual:
163 ft.

Year:	Name:	Type:
1982	BYNUM BROS TAXI SERVICE INC	Taxicabs
1983	BYNUM BROS TAXI SERVICE INC	Taxicabs
1986	AUTO RITE INC	Gasoline Service Stations
1987	AUTO RITE INC	Gasoline Service Stations
1988	AUTO RITE INC	Gasoline Service Stations
1990	HIGHLAND AUTOMOTIVE SERVICE	Gasoline Service Stations
1991	HIGHLAND AUTOMOTIVE SERVICE	Gasoline Service Stations
1991	K&R SERVICE STATION	Gasoline Service Stations
1992	HIGHLAND AUTOMOTIVE SERVICE	Gasoline Service Stations
1992	K&R SERVICE STATION	Gasoline Service Stations
1993	K&R SERVICE STATION	Gasoline Service Stations
1994	K & R SERVICE STATION INC	Gasoline Service Stations
1995	K & R SERVICE STATION INC	Gasoline Service Stations
1996	K & R SERVICE STATION INC	Gasoline Service Stations
1997	K & R SERVICE STATION INC	Gasoline Service Stations
1998	K & R SERVICE STATION INC	Gasoline Service Stations
1999	TREASURE SERVICE STATION	Gasoline Service Stations
2000	TREASURE SERVICE STATION	Gasoline Service Stations
2001	TREASURE SERVICE STATION	Gasoline Service Stations
2002	TREASURE SERVICE STATION	Gasoline Service Stations

TREASURE SERVICE STATION (Continued) **1021317349**

2003	TREASURE SERVICE STATION	Gasoline Service Stations
2004	TREASURE SERVICE STATION	Gasoline Service Stations
2005	TREASURE SERVICE STATION	Gasoline Service Stations
2005	MANNYS PRCSN AUTO CRE & MANNY	General Automotive Repair Shops
2006	TREASURE SERVICE STATION	Gasoline Service Stations
2006	MANNYS PRCSN AUTO CRE & MANNY	General Automotive Repair Shops
2007	TREASURE SERVICE STATION	Gasoline Service Stations
2007	MANNYS PRCISION AUTO CARE REPR	General Automotive Repair Shops
2008	MANNYS PRCISION AUTO CARE REPR	General Automotive Repair Shops
2009	MANNYS PRCISION AUTO CARE REPR	General Automotive Repair Shops
2009	PROCUE	Gasoline Service Stations
2010	TREASURE SERVICE STATION	Gasoline Service Stations
2010	MANNYS PRCISION AUTO CARE REPR	General Automotive Repair Shops
2010	PROCUE	Gasoline Service Stations
2011	MANNYS PRCISION AUTO CARE REPR	General Automotive Repair Shops
2011	PROCUE	Gasoline Service Stations
2011	TREASURE SERVICE STATION	Gasoline Service Stations
2012	PROCUE	Gasoline Service Stations
2012	TREASURE SERVICE STATION	Gasoline Service Stations
2012	MANNYS PRCISION AUTO CARE REPR	General Automotive Repair Shops
2013	MANNYS PRCISION AUTO CARE REPR	General Automotive Repair Shops
2013	TREASURE SERVICE STATION	Gasoline Service Stations
2013	PROCUE	Gasoline Service Stations
2014	TREASURE SERVICE STATION	Gasoline Service Stations
2014	PROCUE	Gasoline Service Stations

B21 **ISLAND AUTOMOTIVE** **UST FINDER RELEASE** **1029067754**
NW **529 HIGHLAND AVE** **N/A**
< 1/8 **PEEKSKILL, NY 0**
0.029 mi.
154 ft. **Site 7 of 12 in cluster B**

Relative: **Lower**
Actual: **163 ft.**

UST FINDER RELEASE:

Object ID:	258294
Facility ID:	NY238675
Lust ID:	NY8903577
Name:	ISLAND AUTOMOTIVE
Address:	529 HIGHLAND AVE
City,State,Zip:	PEEKSKILL, NY 0
Address Match Type:	Not reported
Reported Date:	1989/07/10 16:00:00+00
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	3247
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported

ISLAND AUTOMOTIVE (Continued) **1029067754**

EPA Region:	2
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	State
X Coord:	-73.9200299999999
Y Coord:	41.2964900000001
Latitude:	41.2964899999999
Longitude:	-73.9200299999999

B22 **TREASURE SERVICE STATION** **NY LTANKS** **S103558896**
NW **529 HIGHLAND AVE** **NY Spills** **N/A**
< 1/8 **PEEKSKILL, NY**
0.029 mi.
154 ft. **Site 8 of 12 in cluster B**

Relative: **Lower**

Actual: **163 ft.**

LTANKS:

Name:	ISLAND AUTOMOTIVE
Address:	529 HIGHLAND AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	8903577 / 1989-07-25
Facility ID:	8903577
Site ID:	294955
Spill Date:	1989-07-10
Spill Cause:	Tank Overfill
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C1
Cleanup Ceased:	1989-07-25
SWIS:	6012
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1989-07-10
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	1989-07-10
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1989-07-12
Spill Record Last Update:	1989-07-26
Spiller Name:	Not reported
Spiller Company:	UNK
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	238675
Latitude:	41.2964851
Longitude:	-73.9200253
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY
Remarks:	CONTAMINATED SOIL DISCOVEREWD UPON EXCAVTION FOR STAGE TWO RECOVERY.

TREASURE SERVICE STATION (Continued) **S103558896**

DEC TO FOLLOW UP AND INSPECT

All Materials:

Site ID:	294955
Operable Unit ID:	931075
Operable Unit:	01
Material ID:	447661
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	GAS STATION
Address:	529 HIGHLAND AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9811761 / 2004-07-09
Facility ID:	9811761
Site ID:	294956
Spill Date:	1998-12-18
Spill Cause:	Tank Overfill
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	1998-12-18
CID:	384
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1998-12-18
Spill Record Last Update:	2004-07-23
Spiller Name:	ROBERT BRAZEE
Spiller Company:	GAS STATION
Spiller Address:	529 HIGHLAND AVE
Spiller County:	001
Spiller Contact:	ROBERT BRAZEE
Spiller Phone:	(914) 736-5903
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	238675
Latitude:	41.2964851
Longitude:	-73.9200253
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-LALAK 3/24/04: Letter to Robert Brazee, Treasure Service Station from Christopher Lalak, WCDOH dated 19Mar2004. WCDOH reviewing old cases. Tank closure report was not submitted. If tank closure report

TREASURE SERVICE STATION (Continued) **S103558896**

cannot be located, environmental assessment must be conducted. Tank closure report or environmental assessment must be submitted by 17May2004. 7/16/04: Letter to R Brazee, Treasure S/S from C. Lalak, WCDOH dated 9Jul2004. Tank closure documentation has been reviewed. WCDOH recommends NFA at this time.

Remarks: WHILE REMOVING AN UNDERGROUND TANK, SOIL CONTAMINATION WAS DISCOVERED. CLEAN UP WILL BE DONE BY ED COUPART AND SON.

All Materials:

Site ID:	294956
Operable Unit ID:	1072548
Operable Unit:	01
Material ID:	312045
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

SPILLS:

Name:	TREASURE SERVICE STATION
Address:	529 HIGHLAND AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0805787 / 2008-12-02
Facility ID:	0805787
Facility Type:	ER
DER Facility ID:	238675
Site ID:	402953
DEC Region:	3
Spill Cause:	Other
Spill Class:	C3
SWIS:	6012
Spill Date:	2008-08-20
Investigator:	jbodee
Referred To:	WCDOH - PBS
Reported to Dept:	2008-08-20
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-08-20
Spill Record Last Update:	2008-12-02
Spiller Name:	JAMES BRAZEE
Spiller Company:	TREASURE SERVICE STATION
Spiller Address:	529 HIGHLAND AVE
Spiller Company:	001

TREASURE SERVICE STATION (Continued) **S103558896**

Contact Name: JAMES BRAZEE
Latitude: 41.2970516
Longitude: -73.9200586
DEC Memo: PBS 3-174688. Stefan Goreau on site.
Remarks: BASED ON LAB RESULT RECIEVED ON 08/04/08; EXTREMELY MINIMAL ON THE RESULTS WITH NO VISUAL SIGNS OR ODORS;

All Materials:
Site ID: 402953
Operable Unit ID: 1159695
Operable Unit: 01
Material ID: 2150812
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

B23 **GAS STATION** **UST FINDER RELEASE** **1029067753**
NW **529 HIGHLAND AVE** **N/A**
< 1/8 **PEEKSKILL, NY 0**
0.029 mi.
154 ft. **Site 9 of 12 in cluster B**

Relative: **Lower**
Actual: **163 ft.**

UST FINDER RELEASE:
Object ID: 258295
Facility ID: NY238675
Lust ID: NY9811761
Name: GAS STATION
Address: 529 HIGHLAND AVE
City,State,Zip: PEEKSKILL, NY 0
Address Match Type: Not reported
Reported Date: 1998/12/18 15:59:59+00
Status: No Further Action
Substance: Not reported
Population within 1500ft: 3247
Domestic Wells within 1500ft: 0
Land Use: Developed, Medium Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Within 100yr Floodplain: No
Tribe: Not reported
EPA Region: 2
NFA Letter 1: Not reported
NFA Letter 2: Not reported

GAS STATION (Continued) **1029067753**

NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	State
X Coord:	-73.9200299999999
Y Coord:	41.2964900000001
Latitude:	41.2964899999999
Longitude:	-73.9200299999999

B24 **529 HIGHLAND GAS AND REPAIR, INC.** **NY UST U004176516**
NW **529 HIGHLAND AVENUE** **NY AST N/A**
< 1/8 **PEEKSKILL, NY 10566**
0.029 mi.
154 ft. **Site 10 of 12 in cluster B**

Relative: **Lower**

Actual: **163 ft.**

WESTCHESTER CO. UST:

Name:	529 HIGHLAND GAS AND REPAIR, INC.
Address:	529 HIGHLAND AVENUE
City,State,Zip:	PEEKSKILL, NY 10566
Id/Status:	3-174688 / Active
Operator Name:	Wael Rozak
Owner Name:	Wael Rozak
Owner Street:	401 N. Little Tor Road
Owner Address2:	Not reported
Owner City:	New City
Owner State:	NY
Owner Zipcode:	10956
GDS Number:	3551200092
Tank Number:	01
Status:	1. In-Service
Capacity:	6000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	1. Electronic Interstitial Monitoring
Date Installation:	12/01/1998
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	6. Fiberglass reinforced plastic (FRP)
Tank Internal Protection:	0. None
Tank External Protection:	4. Fiberglass
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	2. Underground/on Ground
Piping Type:	11. Flexible Piping
Piping External Protection:	Not reported
Overfill Prevention:	2. High Level Alarm
Piping Secondary Containment:	4. Double-Walled (underground only)
Spill Prevention:	1. Catch Basin
Dispenser:	1. Submersible
Tank Number:	02
Status:	1. In-Service
Capacity:	8000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	1. Electronic Interstitial Monitoring
Date Installation:	12/01/1998

529 HIGHLAND GAS AND REPAIR, INC. (Continued) **U004176516**

Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	6. Fiberglass reinforced plastic (FRP)
Tank Internal Protection:	0. None
Tank External Protection:	4. Fiberglass
Tank Secondary Containment:	4. Double-Walled (underground only)
Piping Location:	2. Underground/on Ground
Piping Type:	11. Flexible Piping
Piping External Protection:	Not reported
Overfill Prevention:	2. High Level Alarm
Piping Secondary Containment:	12. Double-walled (aboveground only)
Spill Prevention:	1. Catch Basin
Dispenser:	1. Submersible

Tank Number:	05
Status:	4. Closed - in place
Capacity:	500
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	07/17/2008
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	Not reported
Piping Location:	0. No Pipiing
Piping Type:	0. No Pippping
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	0. None

Tank Number:	06
Status:	4. Closed - in place
Capacity:	500
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	07/17/2008
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	Not reported
Piping Location:	1. Aboveground
Piping Type:	0. No Pippping
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	0. None

529 HIGHLAND GAS AND REPAIR, INC. (Continued) **U004176516**

Tank Number:	1
Status:	3. Closed - Removed
Capacity:	3000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	12/01/1998
Date Perm Closure:	12/01/1998
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	2
Status:	3. Closed - Removed
Capacity:	3000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	12/01/1998
Date Perm Closure:	12/01/1998
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	3
Status:	3. Closed - Removed
Capacity:	4000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	12/01/1998
Date Perm Closure:	12/01/1998
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None

529 HIGHLAND GAS AND REPAIR, INC. (Continued) **U004176516**

Piping Location:	2. Underground/on ground
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

WESTCHESTER CO. AST:

Name:	529 HIGHLAND GAS AND REPAIR, INC.
Address:	529 HIGHLAND AVENUE
City,State,Zip:	PEEKSKILL, NY 10566
PBS Number:	3-174688
Site Status:	Active
GDS Number:	3551200092
Operator Name:	Wael Rozak
Owner Name:	Wael Rozak
Owner Street:	401 N. Little Tor Road
Owner Address2:	Not reported
Owner City/State/Zip:	New City, NY 10956

Tank Number:	03
Status:	3. Closed - Removed
Date Installation:	07/01/2007
Capacity:	275
Product Stored:	0022. Waste/Used Oil
Product Stored Percent:	Not reported
Date Perm Closure:	12/14/2015
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	99. Other
Tank Secondary Containment:	1. Diking (aboveground only)
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Spill Prevention:	Not reported
Dispenser:	2. Suction

Tank Number:	04
Status:	3. Closed - Removed
Date Installation:	08/01/2007
Capacity:	175
Product Stored:	0022. Waste/Used Oil
Product Stored Percent:	Not reported
Date Perm Closure:	12/14/2015
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	8. Equivalent Technology
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	99. Other
Tank Secondary Containment:	1. Diking (aboveground only)

529 HIGHLAND GAS AND REPAIR, INC. (Continued) **U004176516**

Piping Location:	Not reported
Piping Type:	0. No Pippping
Piping External Protection:	0. None
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	0. None
Spill Prevention:	0. None
Dispenser:	0. None

Tank Number:	07A
Status:	1. In-Service
Date Installation:	12/14/2015
Capacity:	350
Product Stored:	0022. Waste/Used Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	Not reported
Tank External Protection:	1. Painted/Asphalt Coating,SW LUBE CUBE LOCATED BEHIND SHOP RIGHT SIDE
Tank Leak Detection:	6. Impervious Barrier/Concrete Pad (Aboveground Only)
Tank Secondary Containment:	10. Impervious Underlayment (AST Only)
Piping Location:	Not reported
Piping Type:	Not reported
Piping External Protection:	Not reported
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Spill Prevention:	1. Catch Basin
Dispenser:	2. Suction

Tank Number:	07B
Status:	3. Closed - Removed
Date Installation:	12/14/2015
Capacity:	350
Product Stored:	2642. Used Oil (Heating)
Product Stored Percent:	Not reported
Date Perm Closure:	10/01/2016
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	Not reported
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	2. Manual Interstitial Monitoring,6. Impervious Barrier/Concrete Pad (Aboveground Only)
Tank Secondary Containment:	1. Diking (aboveground only),10. Impervious Underlayment (AST Only)
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	Not reported
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Spill Prevention:	Not reported
Dispenser:	2. Suction

B25 **941 CONSTANT AVE** **NY Spills** **S107416298**
WNW **941 CONSTANT AVE** **N/A**
< 1/8 **PEEKSKILL, NY**
0.034 mi.
178 ft. **Site 11 of 12 in cluster B**

Relative:
Lower

Actual:
171 ft.

SPILLS:

Name:	941 CONSTANT AVE
Address:	941 CONSTANT AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0508802 / 2005-10-24
Facility ID:	0508802
Facility Type:	ER
DER Facility ID:	301789
Site ID:	354454
DEC Region:	3
Spill Cause:	Deliberate
Spill Class:	E5
SWIS:	6012
Spill Date:	2005-10-23
Investigator:	TDGHIOSA
Referred To:	WATER
Reported to Dept:	2005-10-23
CID:	64
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2005-10-24
Spill Record Last Update:	2024-02-13
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CHIEF JIMMY HOWARD
Latitude:	41.2960360
Longitude:	-73.9204690
DEC Memo:	C. Torres, WCDOH, responded. NFA. FORWARDED TO DIVISION OF WATER
Remarks:	homeowner was pumping raw sewage from his basement out into the street - subsequently went into a storm sewer. (Went down the street approx 200 feet). Chief does not request a call.

All Materials:

Site ID:	354454
Operable Unit ID:	1111861
Operable Unit:	01
Material ID:	2101907
Material Code:	0062A
Material Name:	raw sewage
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	G
Recovered:	.00
Resource Affected:	Sewer

941 CONSTANT AVE (Continued) **S107416298**

Oxygenate: Not reported

B26
North
< 1/8
0.034 mi.
179 ft.

WESTYPO PRINTERS **NY Spills** **S108765774**
540 HARRISON AVE **N/A**
PEEKSKILL, NY

Site 12 of 12 in cluster B

Relative:
Lower

Actual:
164 ft.

SPILLS:

Name:	WESTYPO PRINTERS
Address:	540 HARRISON AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0706719 / 2012-06-04
Facility ID:	0706719
Facility Type:	ER
DER Facility ID:	336718
Site ID:	387290
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	6012
Spill Date:	2007-09-17
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2007-09-17
CID:	79
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2007-09-18
Spill Record Last Update:	2012-06-05
Spiller Name:	MIKE MCGUGART
Spiller Company:	Westypo Printers
Spiller Address:	540 HARRISON AVE
Spiller Company:	001
Contact Name:	MIKE MCGUGART
Latitude:	41.2950070
Longitude:	-73.9200490
DEC Memo:	8/4/10: Database review, removal of a unregulated heating oil tank. Tank was leaking, contaminated soil evident. No further information received. jod 6/05/2012: Clean up completed, closure report from MH Tank submitted and reviewed. Based upon the information provided, no further action is required at this time. Report will be entered into edocs. jod
Remarks:	#2 OIL LEAKING FROM UNDERGROUND TANK. UNK QUANTITY AT THIS TIME. LEAK HAS BEEN CONTAINED. CLEANUP PENDING.

All Materials:

Site ID:	387290
Operable Unit ID:	1144500

WESTYPO PRINTERS (Continued) **S108765774**

Operable Unit:	01
Material ID:	2134803
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

C27 **RESIDENCE** **NY Spills** **S102240581**
SSE **1003 ORCHARD ST** **N/A**
< 1/8 **PEEKSKILL, NY**
0.038 mi.
201 ft. **Site 1 of 10 in cluster C**

Relative: **Higher**

Actual: **185 ft.**

SPILLS:

Name:	RESIDENCE
Address:	1003 ORCHARD ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9510004 / 1995-11-28
Facility ID:	9510004
Facility Type:	ER
DER Facility ID:	140675
Site ID:	166980
DEC Region:	3
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	6012
Spill Date:	1995-11-10
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1995-11-11
CID:	322
Water Affected:	Not reported
Spill Source:	Vessel
Spill Notifier:	Other
Cleanup Ceased:	1995-11-28
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-11-11
Spill Record Last Update:	1995-11-28
Spiller Name:	REGGIS CEVOLSS
Spiller Company:	REGGIS CEVOLS
Spiller Address:	1003 ORCHARD ST
Spiller Company:	001
Contact Name:	REGGIS CEVOLSS
Latitude:	41.2948688
Longitude:	-73.9186546
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 11/11/95 ROBISON OIL RESPONDED TO SPILL IN BASEMENT (NO DRAINS) SPREAD DRI-SOL WILL PICK UP

RESIDENCE (Continued) **S102240581**

IN MORNING
Remarks: HOMEOWNER DICONNECTED THE FILL TO BURNER CAUSING SPILL - SPILL WAS CLEANED UP -

All Materials:
Site ID: 166980
Operable Unit ID: 1020430
Operable Unit: 01
Material ID: 360931
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 100.00
Units: G
Recovered: 100.00
Resource Affected: Soil
Oxygenate: Not reported

A28 **CARDENAS - OVERFILL** **NY Spills** **S117267482**
SSW **955 ORCHARD STREET** **N/A**
< 1/8 **PEEKSKILL, NY**
0.043 mi.
227 ft. **Site 15 of 15 in cluster A**

Relative: **Lower**
Actual: **175 ft.**

SPILLS:
Name: CARDENAS - OVERFILL
Address: 955 ORCHARD STREET
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 1402596 / 2014-06-17
Facility ID: 1402596
Facility Type: ER
DER Facility ID: 450804
Site ID: 495928
DEC Region: 3
Spill Cause: Human Error
Spill Class: B3
SWIS: 6012
Spill Date: 2014-06-03
Investigator: JBODEE
Referred To: Not reported
Reported to Dept: 2014-06-09
CID: Not reported
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: 2014-06-12
Recommended Penalty: False
UST Trust: Not reported
Remediation Phase: 0
Date Entered In Computer: 2014-06-10
Spill Record Last Update: 2014-06-17
Spiller Name: Henry
Spiller Company: Economy Fuel
Spiller Address: 500 Highland Ave

CARDENAS - OVERFILL (Continued) **S117267482**

Spiller Company:	999
Contact Name:	Not reported
Latitude:	41.2946316
Longitude:	-73.9200886
DEC Memo:	6/10/14: I spoke with Deputy Chief Jim Howard who went out to the site. He states: It looks like the lawn took the brunt of it. Approx 6 x 8 grass strip in the yard and another little piece between the sidewalk and the street. Nothing on the driveway. The wet spots are water. -Photos were forwarded showing the impacted areas. I spoke with the owner/caller Ruth Cardenas. She states this happened last Tuesday. Oil Company is Economy Fuel. She states she spoke with the owner Henry who told her he would come out and do the clean up himself tomorrow. This is not acceptable to her, she wants them to use an environmental company. I called Economy Fuel and left a message requesting an immediate call back. jod 6/11/14: I spoke with Henry Segar of Economy Fuel. He states he was under the impression - from speaking with his driver - the spill was minimal (less than a few ounces), was contained to the driveway, and was completely cleaned up within a half hour. He accepts responsibility for any cleanup or restoration the DEC requires. jod 6/12/14: DEC site inspection. Spill is primarily to vegetation, little or no soil impact. I later spoke with Henry Segar. He will have the impacted vegetation removed and disposed of, scrape off the top layer of soil, and replace the area with sod. Work to be done early next week. jod
Remarks:	From NRC Report 1085273. Oil delivery company spilled heating oil on a residential property. No clean up after a week.

All Materials:

Site ID:	495928
Operable Unit ID:	1245422
Operable Unit:	01
Material ID:	2246428
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	Not reported
Resource Affected:	Soil, Impervious Surface
Oxygenate:	Not reported

C29 **RESIDENCE** **NY Spills** **S102664701**
SE **1014 ORCHARD ST** **N/A**
< 1/8 **PEEKSKILL, NY**
0.058 mi.
308 ft. **Site 2 of 10 in cluster C**

Relative:
Higher

Actual:
195 ft.

SPILLS:

Name:	RESIDENCE
Address:	1014 ORCHARD ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9706622 / 1997-12-01
Facility ID:	9706622
Facility Type:	ER
DER Facility ID:	100264
Site ID:	115050
DEC Region:	3
Spill Cause:	Human Error
Spill Class:	B6
SWIS:	6012
Spill Date:	1997-09-03
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1997-09-03
CID:	311
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-09-03
Spill Record Last Update:	1998-01-15
Spiller Name:	Not reported
Spiller Company:	KAREN MESSINGER
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	KAREN MESSINGER
Latitude:	41.2949754
Longitude:	-73.9184856
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 12/01/97 CLEANUP PERFORMED WITH SPEEDI-DRI BY MS. MESSINGER;
Remarks:	caller states they were instructed to fill two 275 tanks in the residence. the connecting line between the tanks was not connected at the time of the fill. Resident forgot to have it done.

All Materials:

Site ID:	115050
Operable Unit ID:	1049981
Operable Unit:	01
Material ID:	332208
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	35.00
Units:	G

RESIDENCE (Continued) **S102664701**

Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

C30 **SAMPSON HOME** **NY LTANKS** **S108957748**
SSE **307 NORTH DIVISION ST** **N/A**
< 1/8 **PEEKSKILL, NY**
0.065 mi.
342 ft. **Site 3 of 10 in cluster C**

Relative: **Lower**
Actual: **176 ft.**

LTANKS:
Name: SAMPSON HOME
Address: 307 NORTH DIVISION ST
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 0709223 / 2013-01-30
Facility ID: 0709223
Site ID: 390264
Spill Date: 2007-11-16
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6012
Investigator: JBODEE
Referred To: Not reported
Reported to Dept: 2007-11-26
CID: 444
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: Not reported
Remediation Phase: 0
Date Entered In Computer: 2007-11-26
Spill Record Last Update: 2020-07-21
Spiller Name: HAPPENE SAMPSON
Spiller Company: SAMPSON HOME
Spiller Address: 307 NORTH DIVISION ST
Spiller County: 001
Spiller Contact: HAPPENE SAMPSON
Spiller Phone: (914) 737-6828
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 339850
Latitude: 41.2942316
Longitude: -73.9186286
DEC Memo: 1/30/2013 WITH ALBANY APPROVAL ALL HOMEOWNER TTF FAILURES GREATER THEN 5 YEARS OLD CAN BE CLOSED NFA - JO'M
Remarks: REPAIR AND RETEST

All TTF:
Facility ID: 0709223
Spill Number: 0709223
Spill Tank Test: 2365828
Site ID: 390264
Tank Number: Not reported

SAMPSON HOME (Continued) **S108957748**

Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	True
Cause:	00
Source:	01
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	390264
Operable Unit ID:	1147369
Operable Unit:	01
Material ID:	2137768
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

C31 **SUPERIOR AUTO BODY REPAIRS** **EDR Hist Auto** **1020466190**
SSE **301 NO DIVISION ST** **N/A**
< 1/8 **PEEKSKILL, NY 10566**
0.067 mi.
353 ft. **Site 4 of 10 in cluster C**

Relative: EDR Hist Auto
Lower

Actual:
175 ft.

Year:	Name:	Type:
1969	SUPERIOR AUTO BODY REPAIRS	Not reported
1970	SUPERIOR AUTO BODY REPAIRS	Not reported
1971	SUPERIOR AUTO BODY REPAIRS	Not reported
1972	SUPERIOR AUTO BODY REPAIRS	Not reported
1973	SUPERIOR AUTO BODY REPAIRS	Not reported
1974	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations
1975	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations
1976	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations
1977	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations
1978	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations
1979	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations
1980	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations
1982	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations
1983	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations
1985	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations
1986	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations
1987	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations
1988	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations
1989	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC

SUPERIOR AUTO BODY REPAIRS (Continued) **1020466190**

1990	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
1991	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
1992	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
1993	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
1994	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
1995	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
1996	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
1997	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
1998	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
1999	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
2000	GEORGE SAMPSON INC	Automotive Repair Shops, NEC
2000	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
2002	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
2003	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
2004	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
2005	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
2006	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
2007	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
2008	SUPERIOR AUTO BODY REPAIRS	Gasoline Service Stations, NEC
2009	GEORGE SAMPSON INC	Gasoline Service Stations, NEC
2010	GEORGE SAMPSON INC	Gasoline Service Stations, NEC
2011	GEORGE SAMPSON INC	Gasoline Service Stations, NEC
2012	GEORGE SAMPSON INC	Gasoline Service Stations, NEC

C32 **GEORGE SAMPSON INC.** **NY UST U004176504**
SSE **301 NORTH DIVISION STREET** **NY AST N/A**
< 1/8 **PEEKSKILL, NY 10566**
0.067 mi.
353 ft. **Site 5 of 10 in cluster C**

Relative: **Lower**

Actual: **175 ft.**

WESTCHESTER CO. UST:

Name:	GEORGE SAMPSON INC.
Address:	301 NORTH DIVISION STREET
City,State,Zip:	PEEKSKILL, NY 10566
Id/Status:	3-170143 / Active
Operator Name:	Happiense Sampson
Owner Name:	George Sampson Inc.
Owner Street:	161 Dogwood Road
Owner Address2:	Not reported
Owner City:	Cortlandt Manor
Owner State:	NY
Owner Zipcode:	10567
GDS Number:	Not reported
Tank Number:	001
Status:	3. Closed - Removed
Capacity:	500
Product Stored:	0022. Waste/Used Oil
Product Stored Percent:	Not reported
Tank Leak Detection:	0. None
Date Installation:	Not reported
Date Perm Closure:	Not reported
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on ground

GEORGE SAMPSON INC. (Continued) **U004176504**

Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	0. None

Tank Number:	001
Status:	3a. Closed - Prior to 04/1991
Capacity:	3000
Product Stored:	Not reported
Product Stored Percent:	Not reported
Tank Leak Detection:	4. Groundwater Well
Date Installation:	12/01/1954
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	1. Epoxy liner
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	Not reported
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	002
Status:	3a. Closed - Prior to 04/1991
Capacity:	3000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	4. Groundwater Well
Date Installation:	12/01/1954
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	1. Epoxy liner
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	Not reported
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	003
Status:	3a. Closed - Prior to 04/1991
Capacity:	1000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported

GEORGE SAMPSON INC. (Continued) **U004176504**

Tank Leak Detection:	4. Groundwater Well
Date Installation:	12/01/1965
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	1. Epoxy liner
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	Not reported
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	004
Status:	3a. Closed - Prior to 04/1991
Capacity:	1000
Product Stored:	0009. Gasoline
Product Stored Percent:	Not reported
Tank Leak Detection:	4. Groundwater Well
Date Installation:	12/01/1965
Date Perm Closure:	01/01/1900
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	1. Epoxy liner
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	Not reported
Piping Type:	2. Galvanized steel
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	2. Suction

Tank Number:	2
Status:	3. Closed - Removed
Capacity:	1000
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	0
Tank Leak Detection:	6. Impervious Barrier/Concrete Pad (Aboveground Only)
Date Installation:	09/01/1996
Date Perm Closure:	05/12/2009
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	2. Vault (w/ access)
Piping Location:	Not reported
Piping Type:	4. fiberglass coated steel
Piping External Protection:	0. None
Overfill Prevention:	4. Product Level Gauge (Aboveground Only)
Piping Secondary Containment:	Not reported

GEORGE SAMPSON INC. (Continued) **U004176504**

Spill Prevention: Not reported
Dispenser: 2. Suction

WESTCHESTER CO. AST:
Name: GEORGE SAMPSON INC.
Address: 301 NORTH DIVISION STREET
City,State,Zip: PEEKSKILL, NY 10566
PBS Number: 3-170143
Site Status: Active
GDS Number: Not reported
Operator Name: Happiense Sampson
Owner Name: George Sampson Inc.
Owner Street: 161 Dogwood Road
Owner Address2: Not reported
Owner City/State/Zip: Cortlandt Manor, NY 10567

Tank Number: 1
Status: 1. In-Service
Date Installation: 04/01/2003
Capacity: 250
Product Stored: 0022. Waste/Used Oil
Product Stored Percent: 0
Date Perm Closure: 01/01/1900
Tank Location: 2. Aboveground (contact w/ impervious barrier)
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 1. Painted/Asphalt Coating
Tank Leak Detection: 6. Impervious Barrier/Concrete Pad (Aboveground Only)
Tank Secondary Containment: 1. Diking (aboveground only)
Piping Location: 0. No Piping
Piping Type: 0. No Piping
Piping External Protection: 0. None
Piping Leak Detection: 0. None
Piping Secondary Containment: 0. None
Overfill Prevention: 4. Product Level Gauge (Aboveground Only)
Spill Prevention: 1. Catch Basin
Dispenser: 2. Suction

Tank Number: 2B
Status: 1. In-Service
Date Installation: 05/01/2009
Capacity: 330
Product Stored: 0001. #2 Fuel Oil
Product Stored Percent: 0
Date Perm Closure: 01/01/1900
Tank Location: 3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 1. Painted/Asphalt Coating
Tank Leak Detection: 6. Impervious Barrier/Concrete Pad (Aboveground Only)
Tank Secondary Containment: 1. Diking (aboveground only)
Piping Location: 1. Aboveground
Piping Type: 10. Copper
Piping External Protection: 0. None
Piping Leak Detection: 0. None
Piping Secondary Containment: 0. None

GEORGE SAMPSON INC. (Continued) **U004176504**

Overfill Prevention: 4. Product Level Gauge (Aboveground Only)
Spill Prevention: 1. Catch Basin
Dispenser: 2. Suction

C33 **KEITHS AUTOMOTIVE** **NY Spills S121490342**
SSE **301 N DIVISION ST** **NY AIRS N/A**
< 1/8 **PEEKSKILL, NY 10566**
0.067 mi.
353 ft. **Site 6 of 10 in cluster C**

Relative: **Lower**
Actual: **175 ft.**

SPILLS:

Name:	COMMERCIAL
Address:	301 NORTH DIVISION STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	2301364 / Not Reported
Facility ID:	2301364
Facility Type:	ER
DER Facility ID:	363399
Site ID:	652170
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	6012
Spill Date:	2023-05-18
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2023-05-18
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	2023-05-18
Spill Record Last Update:	2024-04-16
Spiller Name:	ATTNY DANA HIRSCH
Spiller Company:	PREVIOUS OWNER
Spiller Address:	301 NORTH DIVISION STREET
Spiller Company:	999
Contact Name:	SHARON SROEDDEN
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	5/18/23- Update from LaBella: Closed auto body repair property. Owner is deceased. LaBella is working w/attorney who is trying to figure out who is next to take ownership of the property. Soil borings prompted by open spill from '01 that looked unresolved. LaBella contracted to conduct Phase II. 2 borings completed so far. 200+ ppm on PID and petroleum odor. 2 more borings to be completed. GW encountered at 5-7 fbg but no sheen. LaBella PM is Aaron Yecies. -MS 06/02/23 Spoke to Arron Yecies who said the report is complete and he has provided it to the client which is a Trust. He is

KEITHS AUTOMOTIVE (Continued) **S121490342**

going to speak to the Trust's attorney about sending the report to DEC. TG 06/02/23 Arron Yecies
emailed a copy of the Phase II Env Site Assessment report. See report in DecDocs. TG 01/24/24 Call
received from Bransom Feilds from Labella. He reported that additional borings and wells are being
installed this week including location inside the building. He will call again once the soil and
groundwater sample results are received. TG 04/05/24 Branson Fields emailed the Focused Phase II
Environemtal Site Assessment dated March 14, 2024. See report in DecDocs. TG

Remarks: no cleanup soil borings

All Materials:

Site ID:	652170
Operable Unit ID:	1399130
Operable Unit:	01
Material ID:	2415408
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

AIRS:

Name:	KEITHS AUTOMOTIVE
Address:	301 N DIVISION ST
City,State,Zip:	PEEKSKILL, NY 10566
DECID:	3551200093
Process ID:	Not reported
Latitude:	Not reported
Longitude:	Not reported
FIPS Code:	Not reported
Auth Type Code:	AFR
Permit Status:	Issued
Auth Status Code:	2
Emissions:	Not reported
Issue date:	08/23/2012
Expired Date:	Not reported
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported
Permit Status:	Expired
Auth Status Code:	7
Emissions:	Not reported
Issue date:	01/10/2008
Expired Date:	05/23/2012

KEITHS AUTOMOTIVE (Continued) **S121490342**

Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported

C34 **EXXON** **UST FINDER RELEASE** **1029078157**
SSE **301 NORTH DIVISION ST** **N/A**
< 1/8 **PEEKSKILL, NY 0**
0.067 mi.
353 ft. **Site 7 of 10 in cluster C**

Relative: **Lower**

Actual: **175 ft.**

UST FINDER RELEASE:

Object ID:	258324
Facility ID:	NY76155
Lust ID:	NY9003673
Name:	EXXON
Address:	301 NORTH DIVISION ST
City,State,Zip:	PEEKSKILL, NY 0
Address Match Type:	Not reported
Reported Date:	1990/07/02 15:59:59+00
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	3620
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	2
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	State
X Coord:	-73.91885
Y Coord:	41.2940100000001
Latitude:	41.29401
Longitude:	-73.91885

C35 **SUPERIOR AUTO BODY** **RCRA-VSQG** **1000215458**
SSE **301 N DIVISION ST** **NY MANIFEST** **NYD013029228**
< 1/8 **PEEKSKILL, NY 10566**
0.067 mi.
353 ft. **Site 8 of 10 in cluster C**

Relative: **Lower**
Actual: **175 ft.**

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Superior Auto Body
Handler Address:	N Division St
Handler City,State,Zip:	PEEKSKILL, NY 10566
EPA ID:	NYD013029228
Contact Name:	Not reported
Contact Address:	N DIVISION ST
Contact City,State,Zip:	PEEKSKILL, NY 10566
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Ny
State District:	NYSDEC R3
Mailing Address:	N DIVISION ST
Mailing City,State,Zip:	PEEKSKILL, NY 10566
Owner Name:	George Sampson
Owner Type:	Private
Operator Name:	George Sampson
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

SUPERIOR AUTO BODY (Continued) **1000215458**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	F003
Waste Description:	The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: GEORGE SAMPSON	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: GEORGE SAMPSON	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

SUPERIOR AUTO BODY (Continued) **1000215458**

Owner/Operator Name: GEORGE SAMPSON
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19990714
Handler Name: SUPERIOR AUTO BODY
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: SUPERIOR AUTO BODY
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: SUPERIOR AUTO BODY
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19870608
Handler Name: SUPERIOR AUTO BODY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Ny

SUPERIOR AUTO BODY (Continued) **1000215458**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:

EPA ID:	NYD013029228
Country:	USA
Name:	Superior Auto Body
Address:	301 N DIVISION ST
Address 2:	Not reported
City,State,Zip:	PEEKSKILL, NY 10566
Zip 4:	Not reported
Location Address 1:	301 NORTH DIVISION ST
Location Address 2:	Not reported
Location City,State,Zip:	PEEKSKILL, NY 10566
Location Zip 4:	Not reported
Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	Superior Auto Body
Mailing Contact:	Superior Auto Body
Mailing Address 1:	301 NORTH DIVISION ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	PEEKSKILL, NY 10566
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9147376823

Manifest Data:

Document ID:	ILA8403528
Manifest Status:	Not reported
Trans1 State ID:	Not reported
Year:	1999
Trans2 State ID:	Not reported
Generator Ship Date:	02/24/1999
Trans1 Recv Date:	02/24/1999
Trans2 Recv Date:	03/01/1999
TSD Site Recv Date:	03/26/1999

SUPERIOR AUTO BODY (Continued) **1000215458**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD013029228
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	SCD987574647
TSDF ID 1:	ILD980613913
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00036
Units:	Pounds
Number of Containers:	001
Container Type:	Metal drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00

Document ID:	ILA0609214
Manifest Status:	Not reported
Trans1 State ID:	UPW151288
Year:	2003
Trans2 State ID:	Not reported
Generator Ship Date:	04/01/2003
Trans1 Recv Date:	04/01/2003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/08/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD013029228
Trans1 EPA ID:	TXR000050930
Trans2 EPA ID:	Not reported
TSDF ID 1:	ILD980613913
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported

SUPERIOR AUTO BODY (Continued) **1000215458**

Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00112
Units:	Pounds
Number of Containers:	001
Container Type:	Metal drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Waste Code 7:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 8:	Not reported
Waste Code:	Not reported
Waste Code 10:	Not reported
Waste Code 11:	Not reported
Quantity:	00036
Units:	Pounds
Number of Containers:	001
Container Type:	Metal drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00

Document ID:	ILA0612281
Manifest Status:	Not reported
Trans1 State ID:	UPW151288
Year:	2003
Trans2 State ID:	Not reported
Generator Ship Date:	05/01/2003
Trans1 Recv Date:	05/01/2003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/08/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD013029228

SUPERIOR AUTO BODY (Continued) **1000215458**

Trans1 EPA ID:	TXR000050930
Trans2 EPA ID:	Not reported
TSDF ID 1:	ILD980613913
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00036
Units:	Pounds
Number of Containers:	001
Container Type:	Metal drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Document ID:	NJA0731248
Manifest Status:	Not reported
Trans1 State ID:	000000000
Year:	1990
Trans2 State ID:	Not reported
Generator Ship Date:	01/15/1990
Trans1 Recv Date:	01/15/1990
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/19/1990
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD013029228
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD000768101
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported

SUPERIOR AUTO BODY (Continued) **1000215458**

Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00123
Units:	Pounds
Number of Containers:	002
Container Type:	Metal drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	01.00
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Year:	2018
Trans2 State ID:	Not reported
Generator Ship Date:	04/13/2006
Trans1 Recv Date:	04/13/2006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/25/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD013029228
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	ILD980613913
TSDF ID 2:	Not reported
Manifest Tracking Number:	ILA1967546
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code a:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL

SUPERIOR AUTO BODY (Continued) **1000215458**

KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	18
Units:	Pounds
Number of Containers:	1
Container Type:	Metal drums, barrels, kegs
Handling Method:	Treat
Specific Gravity:	1
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Year:	2018
Trans2 State ID:	Not reported
Generator Ship Date:	05/09/2007
Trans1 Recv Date:	05/09/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/22/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD013029228
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	ILD980613913
TSDF ID 2:	Not reported
Manifest Tracking Number:	000497602SKS
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H020
Waste Code a:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS

SUPERIOR AUTO BODY (Continued) **1000215458**

	LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code b:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code c:	IGNITABLE WASTE
Waste Code e:	BENZENE
Waste Code f:	METHYL ETHYL KETONE
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	12
Units:	Pounds
Number of Containers:	1
Container Type:	Metal drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	1
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Year:	2018
Trans2 State ID:	Not reported
Generator Ship Date:	02/24/2006
Trans1 Recv Date:	02/24/2006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/09/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD013029228
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	ILD980613913
TSDF ID 2:	Not reported
Manifest Tracking Number:	ILA2008676
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported

SUPERIOR AUTO BODY (Continued) **1000215458**

Waste Code a:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	18
Units:	Pounds
Number of Containers:	1
Container Type:	Metal drums, barrels, kegs
Handling Method:	Burn
Specific Gravity:	1
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Year:	2018
Trans2 State ID:	Not reported
Generator Ship Date:	03/19/2007
Trans1 Recv Date:	03/19/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/04/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD013029228
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	ILD980613913
TSDF ID 2:	Not reported
Manifest Tracking Number:	000398999SKS
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H020
Waste Code a:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF

SUPERIOR AUTO BODY (Continued) **1000215458**

	ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code b:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code c:	IGNITABLE WASTE
Waste Code e:	BENZENE
Waste Code f:	METHYL ETHYL KETONE
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	18
Units:	Pounds
Number of Containers:	1
Container Type:	Metal drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	1
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Year:	2018
Trans2 State ID:	NJD071629976
Generator Ship Date:	03/01/2010
Trans1 Recv Date:	03/01/2010
Trans2 Recv Date:	03/11/2010
TSD Site Recv Date:	03/17/2010
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD013029228
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	ILD980613913
TSDF ID 2:	Not reported
Manifest Tracking Number:	002387103SKS
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported

SUPERIOR AUTO BODY (Continued) **1000215458**

MGMT Method Type Code:	H020
Waste Code a:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code b:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code c:	IGNITABLE WASTE
Waste Code e:	BENZENE
Waste Code f:	METHYL ETHYL KETONE
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	20
Units:	Pounds
Number of Containers:	1
Container Type:	Metal drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	1
Document ID:	ILA9866444
Manifest Status:	Not reported
Trans1 State ID:	UPW151288
Year:	2002
Trans2 State ID:	Not reported
Generator Ship Date:	01/23/2002
Trans1 Recv Date:	01/23/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/29/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD013029228
Trans1 EPA ID:	SCR000075150
Trans2 EPA ID:	Not reported
TSDF ID 1:	ILD980613913
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported

SUPERIOR AUTO BODY (Continued) **1000215458**

Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code 1: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2: Not reported
Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Quantity: 00018
Units: Pounds
Number of Containers: 001
Container Type: Metal drums, barrels, kegs
Handling Method: Burn
Specific Gravity: 01.00

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000050930
Year: 2018
Trans2 State ID: Not reported
Generator Ship Date: 11/26/2008
Trans1 Recv Date: 11/26/2008
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/10/2008
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD013029228
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: ILD980613913
TSDF ID 2: Not reported
Manifest Tracking Number: 001348803SKS
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H020
Waste Code a: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF

SUPERIOR AUTO BODY (Continued) **1000215458**

	ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code b:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code c:	IGNITABLE WASTE
Waste Code e:	BENZENE
Waste Code f:	METHYL ETHYL KETONE
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	20
Units:	Pounds
Number of Containers:	1
Container Type:	Metal drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	1

Click this hyperlink while viewing on your computer to access
132 additional NY MANIFEST: record(s) in the EDR Site Report.

C36 **EXXON** **NY LTANKS** **S100165979**
SSE **301 NORTH DIVISION ST** **NY Spills** **N/A**
< 1/8 **PEEKSKILL, NY**
0.067 mi.
353 ft. **Site 9 of 10 in cluster C**

Relative: LTANKS:
Lower

Actual:
175 ft.

Name:	EXXON
Address:	301 NORTH DIVISION ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9003673 / 1990-09-26
Facility ID:	9003673
Site ID:	82641
Spill Date:	1990-07-02
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	B3
Cleanup Ceased:	1990-07-12
SWIS:	6012
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1990-07-02
CID:	Not reported
Water Affected:	Not reported

EXXON (Continued) **S100165979**

Spill Notifier:	Other
Last Inspection:	1990-07-12
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1990-07-09
Spill Record Last Update:	2003-09-02
Spiller Name:	Not reported
Spiller Company:	EXXON
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	76155
Latitude:	41.2940059
Longitude:	-73.9188480
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 09/26/90: STOCKPILED SOIL WILL BE REMOVED IN A WEEK. TANK HAS BEEN REMOVED AND NEW TANK INSTALLED. NO FURTHER ACTION NEEDED.
Remarks:	CONTAMINATED SOIL FOUND TANK PULL WILL STOCKPILE AND DISPOSE

All Materials:

Site ID:	82641
Operable Unit ID:	941525
Operable Unit:	01
Material ID:	559295
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

Name:	EXXON
Address:	301 NORTH DIVISION ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	8903884 / 1992-07-30
Facility ID:	8903884
Site ID:	82640
Spill Date:	1989-07-18
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C4
Cleanup Ceased:	1992-07-30
SWIS:	6012
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1989-07-18
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester

EXXON (Continued) **S100165979**

Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1989-08-01
Spill Record Last Update:	2023-04-19
Spiller Name:	Not reported
Spiller Company:	EXXON
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	76155
Latitude:	41.2940059
Longitude:	-73.9188480
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 04/19/23 Requested any available information for this site from the WCDoH PBS files. William Eilbacher sent a UST removal report dated February 7, 1991 and submitted by Exxon to the DEC using this spill number. The report prepared by EA Engineering documents the removal of 4 gasoline tanks, (2) 1,000g tanks and (2) 3,000g tanks. Ira Conklin & Sons reported that 182.65 tons of contaminated soil was shipped offsite to the Town of Catskill Landfill. See the report in DecDocs. TG
Remarks:	1 GAL/HR. TESTED W/WATER.

All TTF:

Facility ID:	8903884
Spill Number:	8903884
Spill Tank Test:	1535732
Site ID:	82640
Tank Number:	Not reported
Tank Size:	0
Material:	0022
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	82640
Operable Unit ID:	929289
Operable Unit:	01
Material ID:	447954
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum

EXXON (Continued) **S100165979**

Quantity: .00
Units: L
Recovered: .00
Resource Affected: Groundwater
Oxygenate: Not reported

SPILLS:
Name: SUPERIOR AUTO BODY
Address: 301 NORTH DIVISION ST
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 0108321 / Not Reported
Facility ID: 0108321
Facility Type: ER
DER Facility ID: 76155
Site ID: 82639
DEC Region: 3
Spill Cause: Unknown
Spill Class: B3
SWIS: 6012
Spill Date: 2001-09-21
Investigator: TDGHIOSA
Referred To: Not reported
Reported to Dept: 2001-11-16
CID: 211
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 4
Date Entered In Computer: 2001-11-16
Spill Record Last Update: 2023-04-26
Spiller Name: KEITH ITON
Spiller Company: SUPERIOR AUTO BODY
Spiller Address: 301 NORTH DIVISION ST
Spiller Company: 001
Contact Name: KEITH ITON
Latitude: 41.2940059
Longitude: -73.9188480
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'MARA 11/16/2001 550 GALLON TANK PULLED ON 11/14/01. WCDOH INSPECTED ON 11/15/2001. 03/08/2002 UST CLOSURE REPORT PREPARED BY IDC SUBMITTED TO DEC & WCDOH. 12/09/03 STEFAN GOREAU OF WCHD REFERRED SITE TO DEC. 11/05/09 John O'Mara will follow up JO'M 11/26/19 Emailed Stefan Goreau for any information that he can provide. TG A remark in the WCHD PBS digital file include a 05/08/2002 note, Rec. and reviewed closure report Refer to DEC. Tank had been closed in Date base since 2001. TG 01/24/20 Requested a copy of the report mentioned above from Stefan Goreau. TG 04/17/23 An email was received from a Real Estate

EXXON (Continued) **S100165979**

agent assisting Trustees for the Happiene Sampson Living Trust inquiring about the closure of the
spill. Included with the email was an Ira D Conklin UST closure report from March 6, 2002. The
report included soil and groundwater results, both of which are above DEC guidance or standards.
04/26/23 An email reply was sent advising the Trustees that the spill cannot be closed based on the
information in the Conklin report. Advised the trustees to call me to discuss future remedial work.
TG

Remarks: AFTER TANK REMOVAL 300 TONS CONTAMINATED SOIL DISCOVERED

All Materials:

Site ID:	82639
Operable Unit ID:	845561
Operable Unit:	01
Material ID:	529571
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	SUPERIOR AUTO BODY
Address:	301 NORTH DIVISION STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0902244 / 2009-07-21
Facility ID:	0902244
Facility Type:	ER
DER Facility ID:	363399
Site ID:	414279
DEC Region:	3
Spill Cause:	Other
Spill Class:	B3
SWIS:	6012
Spill Date:	2009-05-26
Investigator:	TDGHIOSA
Referred To:	HEALTH DEPT
Reported to Dept:	2009-05-26
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	2009-05-26
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-05-26
Spill Record Last Update:	2024-04-17
Spiller Name:	KEITH ITON

EXXON (Continued) **S100165979**

Spiller Company:	KEITH ITON
Spiller Address:	301 NORTH DIVISION ST
Spiller Company:	999
Contact Name:	ERIN RIELLY
Latitude:	41.2941116
Longitude:	-73.9185985
DEC Memo:	5/26/09: PBS 3-170143. WCDOH will do initial inspection. jod 05/2009 Underground storage tank abandonment closure report submitted by APECCO. (See report in DecDocs.) TG
Remarks:	CALLER STATES THAT THEY REMOVED A 1000 GALLON UST AND FOUND SOIL CONTAMINATION CLEAN UP IS PENDING.

All Materials:

Site ID:	414279
Operable Unit ID:	1170669
Operable Unit:	01
Material ID:	2162410
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

C37 **SUPERIOR AUTO BODY** **NJ MANIFEST** **S109533663**
SSE **301 N DIVISION** **N/A**
< 1/8 **PEERSKILL, NY 10566**
0.067 mi.
353 ft. **Site 10 of 10 in cluster C**

Relative: **Lower**
Actual: **175 ft.**

NJ MANIFEST:

EPA ID:	NYD013029228
Name:	SUPERIOR AUTO BODY
Address:	301 N DIVISION
City,State,Zip:	PEERSKILL, NY 105662701
County:	Not reported
Mailing Address:	Not reported
Mailing City,State,Zip:	Not reported
Telephone:	9147376823
Emergency Telephone:	Not reported
Contact:	Not reported
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPAID:	Not reported
Generator Flag:	X
Transporter Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	000000

Manifest Data:

EPA ID:	NYD013029228

SUPERIOR AUTO BODY (Continued) **S109533663**

Manifest Number:	000105835SKS
Date Shipped:	12/19/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	NJD071629976
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	12/19/2007
Date Trans2 Transported Waste:	01/04/2008
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/04/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	N
Reason Load Was Rejected:	Not reported

EPA ID:	NYD013029228
Manifest Number:	000083006SKS
Date Shipped:	02/28/2008
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/28/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported

SUPERIOR AUTO BODY (Continued) **S109533663**

Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/07/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	N
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	F005
Hand Code:	H020
Quantity:	90
Unit:	P

EPA ID:	NYD013029228
Manifest Number:	001803670SKS
Date Shipped:	05/08/2009
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	NJD071629976
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	05/08/2009
Date Trans2 Transported Waste:	05/26/2009
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	05/26/2009
TSDF EPA Facility Name:	Not reported

SUPERIOR AUTO BODY (Continued) **S109533663**

QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	N
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	F005
Hand Code:	H020
Quantity:	200
Unit:	P

EPA ID:	NYD013029228
Manifest Number:	001370518SKS
Date Shipped:	10/02/2008
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	NJD071629976
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	10/02/2008
Date Trans2 Transported Waste:	10/08/2008
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/08/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

SUPERIOR AUTO BODY (Continued) **S109533663**

Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	N
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	F005
Hand Code:	H020
Quantity:	200
Unit:	P

D38 **SPILL NUMBER 9900065** **NY Spills** **S104648788**
NNW **529 HYLAND AVE** **N/A**
< 1/8 **PEEKSKILL, NY**
0.071 mi.
373 ft. **Site 1 of 5 in cluster D**

Relative: **Lower**
Actual: **162 ft.**

SPILLS:

Name:	SPILL NUMBER 9900065
Address:	529 HYLAND AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9900065 / 1999-04-02
Facility ID:	9900065
Facility Type:	ER
DER Facility ID:	195094
Site ID:	236818
DEC Region:	3
Spill Cause:	Deliberate
Spill Class:	E5
SWIS:	6012
Spill Date:	1999-04-02
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1999-04-02
CID:	382
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-04-02
Spill Record Last Update:	1999-04-29
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	UNKNOWN
Latitude:	41.2964840
Longitude:	-73.9200230
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was

SPILL NUMBER 9900065 (Continued) **S104648788**

GHIOSAY
Remarks: CALLER STATES THAT ABOVE ADDRESS IS RELEASING DUST INTO THE AIR.

All Materials:
Site ID: 236818
Operable Unit ID: 1078841
Operable Unit: 01
Material ID: 307205
Material Code: 0064A
Material Name: unknown material
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: G
Recovered: .00
Resource Affected: Air
Oxygenate: Not reported

---

39 **CON EDISON TRANSFORMER MANHOLE: 83** **RCRA NonGen / NLR** **1016960568**
East **N JAMES ST & CONSTANT AVE** **NY MANIFEST** **NYP004325916**
< 1/8 **PEEKSKILL, NY 10566**
0.072 mi.
380 ft.

Relative:
Higher

Actual:
230 ft.

RCRA Listings:
Date Form Received by Agency: 20130808
Handler Name: Con Edison Transformer Manhole: 83
Handler Address: N James St & Constant Ave
Handler City,State,Zip: PEEKSKILL, NY 10566
EPA ID: NYP004325916
Contact Name: DONALD SENNO
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 914-925-6219
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: SR SPECIALIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Ny
State District: NYSDEC R2
Mailing Address: IRVING PL, RM 828
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Not reported
Owner Type: Not reported
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No

CON EDISON TRANSFORMER MANHOLE: 83 (Continued) **1016960568**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20140701
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20130708
Handler Name:	CON EDISON TRANSFORMER MANHOLE: 83
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20130808
Handler Name:	CON EDISON TRANSFORMER MANHOLE: 83
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No

CON EDISON TRANSFORMER MANHOLE: 83 (Continued) **1016960568**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

NY MANIFEST:

EPA ID:	NYP004325916
Country:	USA
Name:	Con Edison
Address:	N JAMES ST & CONSTANT AVE
Address 2:	Not reported
City,State,Zip:	PEEKSKILL, NY 10566
Zip 4:	Not reported
Location Address 1:	N JAMES ST & CONSTANT AVE
Location Address 2:	Not reported
Location City,State,Zip:	PEEKSKILL, NY 10566
Location Zip 4:	Not reported
Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	Con Edison
Mailing Contact:	Con Edison
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	NEW YORK, NY 10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

Manifest Data:

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Year:	2018
Trans2 State ID:	Not reported
Generator Ship Date:	07/08/2013
Trans1 Recv Date:	07/08/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/11/2013
Part A Recv Date:	Not reported

CON EDISON TRANSFORMER MANHOLE: 83 (Continued) **1016960568**

Part B Recv Date:	Not reported
Generator EPA ID:	NYP004325916
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	011693294JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code a:	LEAD
Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	100
Units:	Pounds
Number of Containers:	1
Container Type:	Cargo tanks (tank trucks)
Handling Method:	Treat
Specific Gravity:	1

D40 **AERIAL CABLE POLE # 9** **NY Spills** **S104282978**
NNW **PHOENIX & HARRISSON** **N/A**
< 1/8 **PEEKSKILL, NY**
0.078 mi.
412 ft. **Site 2 of 5 in cluster D**

Relative: **Lower**
Actual: **160 ft.**

SPILLS:

Name:	AERIAL CABLE POLE # 9
Address:	PHOENIX & HARRISSON
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9908471 / 1999-10-13
Facility ID:	9908471
Facility Type:	ER
DER Facility ID:	72299
Site ID:	77492
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	6012
Spill Date:	1999-10-12

AERIAL CABLE POLE # 9 (Continued) **S104282978**

Investigator:	JYMCCART
Referred To:	Not reported
Reported to Dept:	1999-10-12
CID:	390
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-10-12
Spill Record Last Update:	1999-10-19
Spiller Name:	CALLER
Spiller Company:	CON ED
Spiller Address:	4 IRVING PL
Spiller Company:	001
Contact Name:	STEPHEN ROMERO
Latitude:	41.2971770
Longitude:	-73.9193290
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was MCCARTHY
Remarks:	failure of the cable caused 1/8 of a pt to spill con ed # 128386 clean up is in progress

All Materials:

Site ID:	77492
Operable Unit ID:	1087147
Operable Unit:	01
Material ID:	297591
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

---

41 **PETTIT WILLIAM** **EDR Hist Auto** **1020611192**
ESE **420 NO JAMES ST** **N/A**
< 1/8 **PEEKSKILL, NY 10566**
0.080 mi.
422 ft.

Relative: EDR Hist Auto
Higher

Actual: Year: Name: Type:
215 ft. 1969 PETTIT WILLIAM Gasoline Service Stations
1970 PETTIT WILLIAM Gasoline Service Stations

E42 **MORALES - UST** **NY Spills** **S121101019**
South **920 FROST COURT** **N/A**
< 1/8 **PEEKSKILL, NY**
0.082 mi.
435 ft. **Site 1 of 10 in cluster E**

Relative: **Lower**

Actual: **177 ft.**

SPILLS:

Name:	MORALES - UST
Address:	920 FROST COURT
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1704260 / 2017-07-31
Facility ID:	1704260
Facility Type:	ER
DER Facility ID:	510059
Site ID:	556497
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	E5
SWIS:	6012
Spill Date:	2017-07-31
Investigator:	GAAHLERS
Referred To:	Not reported
Reported to Dept:	2017-07-31
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2017-07-31
Spill Record Last Update:	2017-08-02
Spiller Name:	Not reported
Spiller Company:	ANTONIA MORALES
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	JASON SMIT
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	7/31/17 Smit Environmental took soil sample during tank investigation. Tank was found, filled with concrete, soil sample taken from under one end came back with .001 1,2,4 trimethalbenzine. No cleanup to be done at this time. NFA. ga
Remarks:	.001 ppm found in soil

All Materials:

Site ID:	556497
Operable Unit ID:	1304531
Operable Unit:	01
Material ID:	2311113
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported

MORALES - UST (Continued) **S121101019**

Recovered: Not reported
Resource Affected: Soil
Oxygenate: Not reported

D43 **WHITE PLAINS LINEN** **NY CBS** **S108410917**
NNW **600 HIGHALND AVE** **NY AST** **N/A**
< 1/8 **PEEKSKILL, NY 10566**
0.088 mi.
466 ft. **Site 3 of 5 in cluster D**

Relative: **Lower**

Actual: **168 ft.**

CBS:
Name: WHITE PLAINS LINEN
Address: 600 HIGHALND AVE
City,State,Zip: PEEKSKILL, NY 10566
CBS Number: 3-000428
Program Type: CBS
Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 3
UTMX: 590383.10213
UTMY: 4572320.46885

AST:
Name: WHITE PLAINS LINEN
Address: 600 HIGHALND AVE
City,State,Zip: PEEKSKILL, NY 10566
Region: STATE
DEC Region: 3
Site Status: Unregulated/Closed
Facility Id: 3-000428
Program Type: CBS
UTM X: 590383.10213
UTM Y: 4572320.46885
Expiration Date: N/A
Site Type: Other

Tank Info:

Tank Number: 1774-1
Tank Id: 195182
Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Plastic
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 08/01/2003
Capacity Gallons: 905
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/06/2011
Register: True
Modified By: MJGRIFFI
Last Modified: 05/09/2022
Material Name: Not reported

WHITE PLAINS LINEN (Continued) **S108410917**

Tank Number:	1775-1
Tank Id:	195183
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Plastic
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	08/01/2003
Capacity Gallons:	540
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	06/14/2007
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Not reported

E44 **CON EDISON** **RCRA NonGen / NLR** **1019904586**
South **FROST CT & NORTH DIVISION ST** **FINDS** **NYP004799847**
< 1/8 **PEEKSKILL, NY 10566** **ECHO**
0.090 mi.
475 ft. **Site 2 of 10 in cluster E**

Relative: **Lower**

Actual: **172 ft.**

RCRA Listings:

Date Form Received by Agency:	20150626
Handler Name:	Con Edison
Handler Address:	Frost Ct & N Divison St
Handler City,State,Zip:	PEEKSKILL, NY 10566
EPA ID:	NYP004799847
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Ny
State District:	NYSDEC R2
Mailing Address:	IRVING PL 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

CON EDISON (Continued) **1019904586**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160909
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20150626
Handler Name: CON EDISON	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20150626
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

CON EDISON (Continued) **1019904586**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110069642499

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1019904586
Registry ID: 110069642499

DFR URL:
Name: CON EDISON
Address: FROST CT & NORTH DIVISION ST
City,State,Zip: PEEKSKILL, NY 10566

E45 **CON ED** **NY MANIFEST** **S119074494**
South **FROST CT & NORTH DIVISION ST** **N/A**
< 1/8 **PEEKSKILL, NY 10566**
0.090 mi.
475 ft. **Site 3 of 10 in cluster E**

Relative:
Lower

Actual:
172 ft.

NY MANIFEST:
EPA ID: NYP004768883
Country: USA
Name: Con Ed
Address: FROST CT & NORTH DIVISION ST
Address 2: Not reported
City,State,Zip: PEEKSKILL, NY 10566
Zip 4: Not reported
Location Address 1: C/O FROST CT & DIVISION ST
Location Address 2: TM 3642

CON ED (Continued) **S119074494**

Location City,State,Zip: PEEKSKILL, NY 10566
Location Zip 4: Not reported
Facility Status: Not reported
Total Tanks: Not reported
Code: BP

Mailing:
Mailing Name: Con Ed
Mailing Contact: Tom Teeling
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City,State,Zip: NEW YORK, NY 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

Manifest Data:
Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Year: 2018
Trans2 State ID: Not reported
Generator Ship Date: 04/16/2015
Trans1 Recv Date: 04/16/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/20/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004768883
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014085113JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code a: LEAD
Waste Code b: Not reported
Waste Code c: Not reported
Waste Code e: Not reported
Waste Code f: Not reported
Waste Code g: Not reported
Waste Code 1: Not reported
Waste Code 2: Not reported
Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported

CON ED (Continued) **S119074494**

Quantity:	200
Units:	Pounds
Number of Containers:	1
Container Type:	Cargo tanks (tank trucks)
Handling Method:	Treat
Specific Gravity:	1

E46 **CON EDISON** **RCRA NonGen / NLR** **1019902034**
South **FROST CT & NORTH DIVISION ST** **NYP004768883**
< 1/8 **PEEKSKILL, NY 10566**
0.090 mi.
475 ft. **Site 4 of 10 in cluster E**

Relative: **Lower**
Actual: **172 ft.**

RCRA Listings:

Date Form Received by Agency:	20150416
Handler Name:	Con Edison
Handler Address:	Frost Ct & North Division St
Handler City,State,Zip:	PEEKSKILL, NY 10566
EPA ID:	NYP004768883
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Ny
State District:	NYSDEC R2
Mailing Address:	IRVING PL 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N

CON EDISON (Continued) **1019902034**

Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160909
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20150416
Handler Name: CON EDISON	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20150416
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

CON EDISON (Continued) **1019902034**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E47 **CON EDISON** **NY MANIFEST** **S119076141**
South **FROST CT & N DIVISON ST** **N/A**
< 1/8 **PEEKSKILL, NY 10566**
0.090 mi.
475 ft. **Site 5 of 10 in cluster E**

Relative: **Lower**
Actual: **172 ft.**

NY MANIFEST:

EPA ID:	NYP004799847
Country:	USA
Name:	Con Edison
Address:	FROST CT & N DIVISON ST
Address 2:	Not reported
City,State,Zip:	PEEKSKILL, NY 10566
Zip 4:	Not reported
Location Address 1:	FROST CT & N DIVISION ST
Location Address 2:	TM 3642
Location City,State,Zip:	PEEKSKILL, NY 10566
Location Zip 4:	Not reported
Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	Con Edison
Mailing Contact:	Dennis Huacon
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City,State,Zip:	NEW YORK, NY 10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

Manifest Data:

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Year:	2018
Trans2 State ID:	Not reported
Generator Ship Date:	06/26/2015
Trans1 Recv Date:	06/26/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/30/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004799847
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014469228JJK

CON EDISON (Continued) **S119076141**

Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code a:	LEAD
Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	200
Units:	Pounds
Number of Containers:	1
Container Type:	Cargo tanks (tank trucks)
Handling Method:	Treat
Specific Gravity:	1

E48
South
< 1/8
0.090 mi.
475 ft.

CON EDISON **NJ MANIFEST** **S120670561**
FROST CT & NORTH DIVISION ST **N/A**
PEEKSKILL, NY 10566

Site 6 of 10 in cluster E

Relative:
Lower

Actual:
172 ft.

NJ MANIFEST:

EPA ID:	NYP004768883
Name:	CON EDISON
Address:	FROST CT & NORTH DIVISION ST
City,State,Zip:	PEEKSKILL, NY 10566
County:	Not reported
Mailing Address:	IRVING PL 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Telephone:	Not reported
Emergency Telephone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY119
Municipal:	Not reported
Previous EPAID:	Not reported
Generator Flag:	Not reported
Transporter Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

CON EDISON (Continued) **S120670561**

Manifest Data:

EPA ID:	NYP004768883
Manifest Number:	014085113JJK
Date Shipped:	4/16/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD006982359
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

E49 **CON EDISON** **NJ MANIFEST** **S120673262**
South **FROST CT & N DIVISON ST** **N/A**
< 1/8 **PEEKSKILL, NY 10566**
0.090 mi.
475 ft. **Site 7 of 10 in cluster E**

Relative: **Lower**

Actual: **172 ft.**

NJ MANIFEST:

EPA ID:	NYP004799847
Name:	CON EDISON
Address:	FROST CT & N DIVISON ST
City,State,Zip:	PEEKSKILL, NY 10566
County:	Not reported
Mailing Address:	IRVING PL 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003

CON EDISON (Continued) **S120673262**

Telephone:	Not reported
Emergency Telephone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY119
Municipal:	Not reported
Previous EPAID:	Not reported
Generator Flag:	Not reported
Transporter Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest Data:

EPA ID:	NYP004799847
Manifest Number:	014469228JJK
Date Shipped:	6/26/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD006982359
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

E50 **CON EDISON** **NJ MANIFEST** **S120671296**
South **911 FROST CT** **N/A**
< 1/8 **PEEKSKILL, NY 10566**
0.090 mi.
476 ft. **Site 8 of 10 in cluster E**

Relative:
Lower

Actual:
176 ft.

NJ MANIFEST:

EPA ID:	NYP004777207
Name:	CON EDISON
Address:	911 FROST CT
City,State,Zip:	PEEKSKILL, NY 10566
County:	Not reported
Mailing Address:	IRVING PL 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Telephone:	Not reported
Emergency Telephone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY119
Municipal:	Not reported
Previous EPAID:	Not reported
Generator Flag:	Not reported
Transporter Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest Data:

EPA ID:	NYP004777207
Manifest Number:	014454272JJK
Date Shipped:	4/30/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD006982359
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported

CON EDISON (Continued) **S120671296**

Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	Not reported
Reason Load Was Rejected:	Not reported

E51 **CON EDISON** **RCRA NonGen / NLR** **1019902734**
South **911 FROST CT** **NYP004777207**
< 1/8 **PEEKSKILL, NY 10566**
0.090 mi.
476 ft. **Site 9 of 10 in cluster E**

Relative: **Lower**
Actual: **176 ft.**

RCRA Listings:

Date Form Received by Agency:	20150430
Handler Name:	Con Edison
Handler Address:	Frost Ct
Handler City,State,Zip:	PEEKSKILL, NY 10566
EPA ID:	NYP004777207
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Ny
State District:	NYSDEC R2
Mailing Address:	IRVING PL 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No

CON EDISON (Continued) **1019902734**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160909
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20150430
Handler Name: CON EDISON	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20150430
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CON EDISON (Continued) **1019902734**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E52 **CON EDISON** **NY MANIFEST** **S119074994**
South **911 FROST CT** **N/A**
< 1/8 **PEEKSKILL, NY 10566**
0.090 mi.
476 ft. **Site 10 of 10 in cluster E**

Relative: **Lower**

Actual: **176 ft.**

NY MANIFEST:

EPA ID:	NYP004777207
Country:	USA
Name:	Con Edison
Address:	911 FROST CT
Address 2:	Not reported
City,State,Zip:	PEEKSKILL, NY 10566
Zip 4:	Not reported
Location Address 1:	OPP 911 FROST CT
Location Address 2:	TM 3642
Location City,State,Zip:	PEEKSKILL, NY 10566
Location Zip 4:	Not reported
Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	Con Edison
Mailing Contact:	Dennis Huacon
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	NEW YORK, NY 10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

Manifest Data:

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Year:	2018
Trans2 State ID:	Not reported
Generator Ship Date:	04/30/2015
Trans1 Recv Date:	04/30/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/05/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004777207
Trans1 EPA ID:	Not reported

CON EDISON (Continued) **S119074994**

Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014454272JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code a:	Not reported
Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	LEAD
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	400
Units:	Pounds
Number of Containers:	1
Container Type:	Cargo tanks (tank trucks)
Handling Method:	Treat
Specific Gravity:	1

D53 **BASE OF POLE W8** **NY Spills** **S103938063**
NNW **HIGHLAND + PHEONIX AVE** **N/A**
< 1/8 **PEEKSKILL, NY**
0.098 mi.
515 ft. **Site 4 of 5 in cluster D**

Relative: SPILLS:
Lower

Name:	BASE OF POLE W8
Address:	HIGHLAND + PHEONIX AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9902623 / 1999-06-07
Facility ID:	9902623
Facility Type:	ER
DER Facility ID:	123157
Site ID:	144492
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	6012
Spill Date:	1999-06-06
Investigator:	rdbendel
Referred To:	Not reported
Reported to Dept:	1999-06-07

Actual:
169 ft.

BASE OF POLE W8 (Continued) **S103938063**

CID:	282
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-06-07
Spill Record Last Update:	1999-06-08
Spiller Name:	CALLER
Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	JOE DEVOTI
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was BENDELL
Remarks:	AN AERIAL JOINT FAILED SPILLING FLUID ON TO THE FLOOR.CLEAN UP WILL COMMENCE USING A 50 TO 499 .CON ED125375 CORRECTION ON SPILL DATES 06/07/99

All Materials:

Site ID:	144492
Operable Unit ID:	1077289
Operable Unit:	01
Material ID:	306128
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

D54 **WESTCHESTER CO TREATMENT** **NY Spills** **S103576144**
NNW **HIGHLAND AVE** **N/A**
< 1/8 **PEEKSKILL, NY**
0.098 mi.
515 ft. **Site 5 of 5 in cluster D**

Relative: **Lower**
Actual: **169 ft.**

SPILLS:

Name:	WESTCHESTER CO TREATMENT
Address:	HIGHLAND AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9812344 / 1999-01-07
Facility ID:	9812344
Facility Type:	ER
DER Facility ID:	284269
Site ID:	230267
DEC Region:	3
Spill Cause:	Equipment Failure

WESTCHESTER CO TREATMENT (Continued) **S103576144**

Spill Class:	B3
SWIS:	6000
Spill Date:	1999-01-06
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1999-01-06
CID:	211
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-01-06
Spill Record Last Update:	1999-02-17
Spiller Name:	Not reported
Spiller Company:	CITY OF PEEKSKILL
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	DAVID GREENER
Latitude:	41.3025509
Longitude:	-73.9206570
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY REFERRED TO DIVISION OF WATER.
Remarks:	CALLER STATES THERE IS PIPE BLOCKAGE THAT CAUSED SPILL - CALLER STATES PRODUCT HAS BEEN TREATED WITH CHLORINE. PROBLEM HAS BEEN FIXED. WCHD ON SITE.

All Materials:

Site ID:	230267
Operable Unit ID:	1069606
Operable Unit:	01
Material ID:	312620
Material Code:	0062A
Material Name:	raw sewage
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

55
SSE
< 1/8
0.100 mi.
527 ft.

IN CATCH BASIN **NY Spills** **S105058044**
1004 CORTLAND ST **N/A**
PEEKSKILL, NY

Relative:
Lower

Actual:
172 ft.

SPILLS:

Name:	IN CATCH BASIN
Address:	1004 CORTLAND ST
City,State,Zip:	PEEKSKILL, NY

IN CATCH BASIN (Continued) **S105058044**

Spill Number/Closed Date:	0102705 / 2002-10-15
Facility ID:	0102705
Facility Type:	ER
DER Facility ID:	222566
Site ID:	273578
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C1
SWIS:	6012
Spill Date:	2001-06-11
Investigator:	mbmastro
Referred To:	Not reported
Reported to Dept:	2001-06-11
CID:	397
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	2001-06-12
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-06-11
Spill Record Last Update:	2002-11-12
Spiller Name:	UNKNOWN
Spiller Company:	Unknown
Spiller Address:	UNKNOWN
Spiller Company:	999
Contact Name:	CALLER
Latitude:	41.2940054
Longitude:	-73.9187883
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was MASTRO/O'DEE 06/12/2001 WCDOH IS REQUESTING A CONTRACTOR TO VAC OUT BASIN. C. MANFREDI WANTS RUNNER TO INSPECT BEFORE ALLOWING CONTRACTOR TO DO WORK. J. O'DEE INSPECTED SITE - VERY LITTLE OIL, MOSTLY SEDIMENT IN BASIN. NO CONTRACTOR NEEDED. PROBABLY DELIBERAELY DUMPED INTO DRAIN. WILL REFER TO LAW ENFORCEMENT 6/12/01. SPILLS - NO FURTHER ACTION. 10/15/02 SPILL CLOSED BY SPILL FUND.
Remarks:	discovered oil in a catch basin. unk spiller. would like a call back

All Materials:

Site ID:	273578
Operable Unit ID:	841402
Operable Unit:	01
Material ID:	534818
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

56
NE
< 1/8
0.101 mi.
531 ft.

REAL ESTATE - TTF
540 NORTH JAMES ST
PEEKSKILL, NY

NY LTANKS **S118707764**
N/A

Relative:
Higher

Actual:
235 ft.

LTANKS:

Name:	REAL ESTATE - TTF
Address:	540 NORTH JAMES ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1602883 / 2016-09-09
Facility ID:	1602883
Site ID:	529312
Spill Date:	2016-06-22
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2016-06-22
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2016-06-22
Spill Record Last Update:	2016-09-09
Spiller Name:	Unknown
Spiller Company:	Owner
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	WALTER SADOWSKI
Spiller Phone:	(914) 623-8877
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	483434
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	6-22-16 Spoke with Kathy. Tank failed crackling. Tank is partially buried in a hill. US Tank did a well point, nothing noted. Nothing noted seeping from hill. Listed contact is listing agent. Owner is deceased. Kathy gave contact as Pat Bristol, but she did not have a contact number. jc 9/9/2016: UST removed by Envirostar. No evidence of a leak or any significant contamination found. Report entered into D2 database. Based upon information provided, no further action required at this time. jod
Remarks:	repair/retest pending - 550 UST

All Materials:

Site ID:	529312
Operable Unit ID:	1278144
Operable Unit:	01
Material ID:	2283024
Material Code:	0001A
Material Name:	#2 fuel oil

REAL ESTATE - TTF (Continued) **S118707764**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

---

57 **RES** **NY LTANKS** **S106972358**
NW **929 PHOENIX AVE** **N/A**
< 1/8 **PEEKSKILL, NY**
0.105 mi.
554 ft.

Relative:
Higher

Actual:
184 ft.

LTANKS:

Name:	RES
Address:	929 PHOENIX AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0505240 / 2005-10-29
Facility ID:	0505240
Site ID:	350191
Spill Date:	2005-07-29
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2005-07-29
CID:	402
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-07-29
Spill Record Last Update:	2005-10-29
Spiller Name:	Not reported
Spiller Company:	UNKNOWN.
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	MAYRA JADEN
Spiller Phone:	(914) 747-9741
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	296638
Latitude:	41.2971060
Longitude:	-73.9214090
DEC Memo:	October 29, 2005: ENVIROSTAR REMOVED AND DISPOSED OF TANK. NO EVIDENCE OF LEAK OR CONTAMINATION WAS FOUND. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod
Remarks:	Not reported

All TTF:

RES (Continued) **S106972358**

Facility ID:	0505240
Spill Number:	0505240
Spill Tank Test:	1549146
Site ID:	350191
Tank Number:	1
Tank Size:	1000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

F58 **CRUZ - FORMER UST** **NY Spills** **S132371552**
NNW **614 HIGHLAND AVE** **N/A**
< 1/8 **PEEKSKILL, NY**
0.122 mi.
644 ft. **Site 1 of 2 in cluster F**

Relative: **Lower**

Actual: **169 ft.**

SPILLS:

Name:	CRUZ - FORMER UST
Address:	614 HIGHLAND AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	2404623 / Not Reported
Facility ID:	2404623
Facility Type:	ER
DER Facility ID:	615828
Site ID:	671056
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	6012
Spill Date:	2024-08-16
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2024-08-16
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	2024-10-08
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	2024-08-16
Spill Record Last Update:	2024-10-08
Spiller Name:	JOSE CRUZ
Spiller Company:	Jose Cruz
Spiller Address:	614 HIGHLAND AVE
Spiller Company:	999

CRUZ - FORMER UST (Continued) **S132371552**

Contact Name:	TOM GALLINGER
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	8/16/2024: Additional info received from Tom Gallinger: This is a residential property in Peekskill. The owner had a tank removed at some point in the past - he does not remember when or who did work - states the phone number is out of service. No paperwork. The city of Peekskill required soil sampling which revealed both soil and gw impact. We did a GPR so and confirmed tank was removed. Planning to do a cleanup. jod 10/08/2024: DEC site inspection. Elite Environmental is on site excavating contaminated soil. jod
Remarks:	Positive soil samples Cleanup pending

All Materials:

Site ID:	671056
Operable Unit ID:	1417844
Operable Unit:	01
Material ID:	2436415
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Soil, Groundwater
Oxygenate:	Not reported

G59 **POLE #W7** **NY Spills** **S105141583**
SE **N JAMES ST & CORTLAND** **N/A**
< 1/8 **PEEKSKILL, NY**
0.125 mi.
660 ft. **Site 1 of 3 in cluster G**

Relative: **Higher**

Actual: **186 ft.**

SPILLS:

Name:	POLE #W7
Address:	N JAMES ST & CORTLAND
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0105331 / 2001-08-16
Facility ID:	0105331
Facility Type:	ER
DER Facility ID:	193613
Site ID:	235070
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	6012
Spill Date:	2001-08-16
Investigator:	WXWADSWO
Referred To:	Not reported
Reported to Dept:	2001-08-16
CID:	257
Water Affected:	Not reported
Spill Source:	Commercial/Industrial

POLE #W7 (Continued) **S105141583**

Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-08-16
Spill Record Last Update:	2001-09-11
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	STEVE ROMERO
Latitude:	41.2979469
Longitude:	-73.9168020
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH
Remarks:	cleanup is in progress - affecting 25' x 15' area of a driveway - ref #138966

All Materials:

Site ID:	235070
Operable Unit ID:	842238
Operable Unit:	01
Material ID:	533803
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

H60 **PASADO HOME** **NY LTANKS** **S108298397**
ESE **1125 ORCHARD STREET** **N/A**
1/8-1/4 **PEEKSKILL, NY**
0.139 mi.
734 ft. **Site 1 of 2 in cluster H**

Relative: **Higher**
Actual: **216 ft.**

LTANKS:

Name:	PASADO HOME
Address:	1125 ORCHARD STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0606845 / 2012-08-17
Facility ID:	0606845
Site ID:	370261
Spill Date:	2006-09-14
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D5
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODEE
Referred To:	Not reported

PASADO HOME (Continued) **S108298397**

Reported to Dept:	2006-09-14
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-09-14
Spill Record Last Update:	2024-07-03
Spiller Name:	LEWIS PASADO
Spiller Company:	PASADO HOME
Spiller Address:	1125 ORCHARD STREET
Spiller County:	001
Spiller Contact:	LEWIS PASADO
Spiller Phone:	(914) 382-9670
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	320101
Latitude:	41.2946716
Longitude:	-73.9161786
DEC Memo:	8/2/10 Homeowner TTF JO'M 8/17/12 Homeomer TTF greater then 5 years old and no indications of contamination will be closed. This was done with consultations between Albany and the Region. NFA JO'M
Remarks:	Not reported

All TTF:

Facility ID:	0606845
Spill Number:	0606845
Spill Tank Test:	1550273
Site ID:	370261
Tank Number:	1
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	370261
Operable Unit ID:	1128077
Operable Unit:	01
Material ID:	2117687
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G

PASADO HOME (Continued) **S108298397**

Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

I61 **AVIS RENT-A-CAR** **NY UST** **U004439437**
South **200 NORTH DIVISION STREET** **N/A**
1/8-1/4 **PEEKSKILL, NY 10566**
0.146 mi.
770 ft. **Site 1 of 2 in cluster I**

Relative: WESTCHESTER CO. UST:
Lower
Actual: Name: AVIS RENT-A-CAR
167 ft. Address: 200 NORTH DIVISION STREET
City,State,Zip: PEEKSKILL, NY 10566
Id/Status: 3-175684 / Unregulated: <1101 gal. PBS
Operator Name: Carol Reid
Owner Name: Avis Rent-a-car
Owner Street: 900 Old Country Rd, Dept 93-1t
Owner Address2: Not reported
Owner City: Garden City
Owner State: NY
Owner Zipcode: 11530
GDS Number: Not reported

Tank Number: 001
Status: 3. Closed - Removed
Capacity: 10000
Product Stored: 0009. Gasoline
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: 12/01/1976
Date Perm Closure: 08/01/1994
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 1. Painted/Asphalt Coating
Tank Secondary Containment: 0. None
Piping Location: 2. Underground/on ground
Piping Type: 2. Galvanized steel
Piping External Protection: 0. None
Overfill Prevention: 0. None
Piping Secondary Containment: Not reported
Spill Prevention: 0. None
Dispenser: 2. Suction

Tank Number: 002
Status: 3. Closed - Removed
Capacity: 550
Product Stored: 9999. Other
Product Stored Percent: Not reported
Tank Leak Detection: 0. None
Date Installation: Not reported
Date Perm Closure: 09/01/1994
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None

AVIS RENT-A-CAR (Continued) **U004439437**

Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	0. No Pipiing
Piping Type:	0. No Pippping
Piping External Protection:	0. None
Overfill Prevention:	0. None
Piping Secondary Containment:	Not reported
Spill Prevention:	0. None
Dispenser:	0. None

62
West
1/8-1/4
0.148 mi.
782 ft.

MALOY RESIDENCE
421 NELSON AVE
PEEKSKILL, NY

NY LTANKS **S106719220**
N/A

Relative:
Higher

Actual:
188 ft.

LTANKS:

Name:	MALOY RESIDENCE
Address:	421 NELSON AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0308544 / 2004-02-19
Facility ID:	0308544
Site ID:	175715
Spill Date:	2003-11-12
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2003-11-12
CID:	207
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-11-12
Spill Record Last Update:	2004-02-19
Spiller Name:	TIM MALOY
Spiller Company:	Not reported
Spiller Address:	421 NELSON AVE
Spiller County:	001
Spiller Contact:	TIM MALOY
Spiller Phone:	(914) 737-8769
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	147689
Latitude:	41.2950316
Longitude:	-73.9225574
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 02/19/04 NETS DISPOSED OF LUST AND 4.24 TONS OF CONTAMINATED SOIL. SOIL SAMPLE RESULTS ND. NFA
Remarks:	cleanup in progress

MALOY RESIDENCE (Continued) **S106719220**

All Materials:

Site ID:	175715
Operable Unit ID:	874791
Operable Unit:	01
Material ID:	502032
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

F63 **GUALIPA - TTF** **NY LTANKS** **S112810205**
NNW **627 HIGHLAND AVE** **N/A**
1/8-1/4 **PEEKSKILL, NY**
0.150 mi.
792 ft. **Site 2 of 2 in cluster F**

Relative: **Lower**
Actual: **166 ft.**

LTANKS:

Name:	GUALIPA - TTF
Address:	627 HIGHLAND AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1214693 / 2015-08-20
Facility ID:	1214693
Site ID:	477950
Spill Date:	2013-01-17
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D5
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2013-01-17
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2013-01-17
Spill Record Last Update:	2022-01-12
Spiller Name:	LISTING AGENT ANGEL TEJABA
Spiller Company:	PATRICIO GUALIPA
Spiller Address:	627 HIGHLAND AVE
Spiller County:	999
Spiller Contact:	LISTING AGENT ANGEL TEJABA
Spiller Phone:	(914) 319-3016
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	433243

GUALIPA - TTF (Continued) **S112810205**

Latitude:	41.2982316
Longitude:	-73.9203085
DEC Memo:	1/17/13 Home is for sale...mm 8/20/15 HOTTF greater then 2 years old and no impact noted NFA with Albany approval JO'M
Remarks:	test failure, unk retest

All Materials:

Site ID:	477950
Operable Unit ID:	1227742
Operable Unit:	01
Material ID:	2225245
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

G64 **RESIDENCE** **NY LTANKS** **S102675049**
SE **1111 CORTLAND ST** **N/A**
1/8-1/4 **PEEKSKILL, NY**
0.157 mi.
827 ft. **Site 2 of 3 in cluster G**

Relative: **Higher**
Actual: **190 ft.**

LTANKS:

Name:	RESIDENCE
Address:	1111 CORTLAND ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9511557 / 1995-12-18
Facility ID:	9511557
Site ID:	152553
Spill Date:	1995-12-13
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	1995-12-18
SWIS:	6012
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1995-12-13
CID:	349
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-12-13
Spill Record Last Update:	1995-12-19
Spiller Name:	PAUL GODBEE
Spiller Company:	Not reported
Spiller Address:	1111 CORTLAND ST
Spiller County:	001

RESIDENCE (Continued) **S102675049**

Spiller Contact:	PAUL GODBEE
Spiller Phone:	(914) 739-9349
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	129498
Latitude:	41.2938713
Longitude:	-73.9169871
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 12/18/95 SPILL CLEANED UP
Remarks:	called for delivery tank was full - leaked out of vent

All Materials:

Site ID:	152553
Operable Unit ID:	1025774
Operable Unit:	01
Material ID:	358889
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Resource Affected:	Soil
Oxygenate:	Not reported

G65 **TTF** **NY LTANKS** **S109064191**
SE **1114 CORTLANDT STREET** **N/A**
1/8-1/4 **PEEKSKILL, NY**
0.159 mi.
842 ft. **Site 3 of 3 in cluster G**

Relative:
Higher

Actual:
195 ft.

LTANKS:

Name:	TTF
Address:	1114 CORTLANDT STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0713448 / 2008-09-14
Facility ID:	0713448
Site ID:	395198
Spill Date:	2008-03-20
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2008-03-20
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-03-20

TTF (Continued) **S109064191**

Spill Record Last Update:	2008-09-14
Spiller Name:	BARBARA MANCOVSKY
Spiller Company:	Not reported
Spiller Address:	1114 CORTLAND STREET
Spiller County:	001
Spiller Contact:	BARBARA MANCOVSKY
Spiller Phone:	(781) 348-7013
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	344727
Latitude:	41.2941516
Longitude:	-73.9165486
DEC Memo:	9/14/08: Tank removed by Envirostar. No evidence of a leak or contamination was found. Based upon the information provided, this Department requires No Further Action at this time. jod
Remarks:	FAILED BUBBLING

All TTF:

Facility ID:	0713448
Spill Number:	0713448
Spill Tank Test:	2384863
Site ID:	395198
Tank Number:	1
Tank Size:	550
Material:	Not reported
EPA UST:	Not reported
UST:	False
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	395198
Operable Unit ID:	1152140
Operable Unit:	01
Material ID:	2142914
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

I66 **CON EDISON MANHOLE 7131** **RCRA NonGen / NLR** **1014918586**
South **HOWARD ST & DIVISION ST** **NY MANIFEST** **NYP004222022**
1/8-1/4 **PEEKSKILL, NY 10566** **NJ MANIFEST**
0.161 mi.
848 ft. **Site 2 of 2 in cluster I**

Relative:
Lower

Actual:
159 ft.

RCRA Listings:

Date Form Received by Agency:	20110117
Handler Name:	Con Edison Manhole 7131
Handler Address:	Howard St & Division St
Handler City,State,Zip:	PEEKSKILL, NY 10566
EPA ID:	NYP004222022
Contact Name:	DOMINIC BIZZARO
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	914-925-6219
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	SR SPECIALIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Ny
State District:	NYSDEC R2
Mailing Address:	IRVING PL RM 828
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

CON EDISON MANHOLE 7131 (Continued) **1014918586**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110701
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20101218
Handler Name: CON EDISON MANHOLE 7131	
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20110117
Handler Name: CON EDISON MANHOLE 7131	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

CON EDISON MANHOLE 7131 (Continued) **1014918586**

NY MANIFEST:

EPA ID:	NYP004222022
Country:	USA
Name:	Consolidated Edison - Mh 7131
Address:	HOWARD ST & DIVISION ST
Address 2:	68 FEET E OF
City,State,Zip:	PEEKSKILL, NY 10566
Zip 4:	Not reported
Location Address 1:	HOWARD ST & N DIVISION
Location Address 2:	Not reported
Location City,State,Zip:	PEEKSKILL, NY 10566
Location Zip 4:	Not reported
Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	Consolidated Edison - Mh 7131
Mailing Contact:	Tom Teeling
Mailing Address 1:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City,State,Zip:	NEW YORK, NY 10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

Manifest Data:

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Year:	2018
Trans2 State ID:	Not reported
Generator Ship Date:	12/18/2010
Trans1 Recv Date:	12/18/2010
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/21/2010
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004222022
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	001057835GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	Y
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H111
Waste Code a:	LEAD
Waste Code b:	Not reported

CON EDISON MANHOLE 7131 (Continued) **1014918586**

Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	50
Units:	Pounds
Number of Containers:	1
Container Type:	Cargo tanks (tank trucks)
Handling Method:	Treat
Specific Gravity:	1

NJ MANIFEST:

EPA ID:	NYP004222022
Name:	CON EDISON MANHOLE 7131
Address:	HOWARD ST & DIVISION ST
City,State,Zip:	PEEKSKILL, NY 10566
County:	Not reported
Mailing Address:	IRVING PL RM 828
Mailing City,State,Zip:	NEW YORK, NY 10003
Telephone:	Not reported
Emergency Telephone:	Not reported
Contact:	DOMINIC BIZZARO
Comments:	Not reported
SIC Code:	Not reported
County:	NY119
Municipal:	Not reported
Previous EPAID:	Not reported
Generator Flag:	Not reported
Transporter Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest Data:

EPA ID:	NYP004222022
Manifest Number:	001057835GBF
Date Shipped:	12/18/2010
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYD006982359
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	12/18/2010
Date Trans2 Transported Waste:	Not reported

CON EDISON MANHOLE 7131 (Continued) **1014918586**

Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	12/21/2010
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	N
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D008
Hand Code:	H111
Quantity:	50
Unit:	P

J67 **PRIVATE HOME** **NY LTANKS** **S109064167**
SW **321 NELSON AVE** **N/A**
1/8-1/4 **PEEKSKILL, NY**
0.173 mi.
916 ft. **Site 1 of 2 in cluster J**

Relative: **Lower**
Actual: **172 ft.**

LTANKS:

Name:	PRIVATE HOME
Address:	321 NELSON AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0712737 / 2008-06-08
Facility ID:	0712737
Site ID:	394395
Spill Date:	2008-03-04
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2008-03-04
CID:	408
Water Affected:	Not reported

PRIVATE HOME (Continued) **S109064167**

Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-03-04
Spill Record Last Update:	2008-06-08
Spiller Name:	MARYANNE OTTAVIANO
Spiller Company:	PRIVATE HOME
Spiller Address:	321 NELSON AVE
Spiller County:	001
Spiller Contact:	MARYANNE OTTAVIANO
Spiller Phone:	(914) 602-9243
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	343961
Latitude:	41.2941916
Longitude:	-73.9221685
DEC Memo:	June 8, 2008: Dutchess Environmental removed and disposed of tank. No evidence of leak or contamination was found. Based upon information provided to DEC, No Further Action is required at this time. jod
Remarks:	failed making crackling noise; home owner said they may just remove it;

All TTF:

Facility ID:	0712737
Spill Number:	0712737
Spill Tank Test:	2384801
Site ID:	394395
Tank Number:	Not reported
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	True
Cause:	99
Source:	01
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	394395
Operable Unit ID:	1151347
Operable Unit:	01
Material ID:	2142048
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil

PRIVATE HOME (Continued) **S109064167**

Oxygenate: Not reported

K68 **COTHREN - TTF** **NY LTANKS** **S116555658**
ENE **536 KISSAM RD** **N/A**
1/8-1/4 **PEEKSKILL, NY**
0.178 mi.
940 ft. **Site 1 of 2 in cluster K**

Relative: LTANKS:
Higher

Actual: Name:	COTHREN - TTF
294 ft. Address:	536 KISSAM RD
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1311203 / 2014-06-18
Facility ID:	1311203
Site ID:	492092
Spill Date:	2014-02-28
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2014-02-28
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-02-28
Spill Record Last Update:	2014-06-18
Spiller Name:	Not reported
Spiller Company:	Real Estate Trans
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	MIKE TRINCHITELLA
Spiller Phone:	(914) 243-3051
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	447044
Latitude:	41.2974916
Longitude:	-73.9159586
DEC Memo:	2/28/14 Spoke to Kathy Morgan from US Tank Tech. Bubbling and hissing sounds from tank test. Real estate transaction. Owner is elderly and name is not known at this point, and also not known if they are living there. Left message with contact on spill report, who is the listing agent. dw 6/18/2014: The LUST and petroleum contaminated soil were removed and disposed of by NES. The Closure Report has been reviewed and will need to be entered into DecDocs at a later date. Based upon information provided, no further action required at this time. jod
Remarks:	1000 gal ust

All Materials:

COTHREN - TTF (Continued) **S116555658**

Site ID:	492092
Operable Unit ID:	1241629
Operable Unit:	01
Material ID:	2242097
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

J69 **SPILL NUMBER 0212878** **NY LTANKS** **S105998534**
SW **315 NELSON AVE** **N/A**
1/8-1/4 **PEEKSKILL, NY**
0.179 mi.
945 ft. **Site 2 of 2 in cluster J**

Relative: LTANKS:
Lower

Actual:
171 ft.

Name:	SPILL NUMBER 0212878
Address:	315 NELSON AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0212878 / 2003-04-29
Facility ID:	0212878
Site ID:	282620
Spill Date:	2003-03-26
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2003-03-28
CID:	211
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-03-28
Spill Record Last Update:	2003-05-07
Spiller Name:	JOHN KLARL
Spiller Company:	Not reported
Spiller Address:	315 NELSON AV
Spiller County:	001
Spiller Contact:	ROSEMARY HAIGHT
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	117997
Latitude:	41.2937511
Longitude:	-73.9224113

SPILL NUMBER 0212878 (Continued) **S105998534**

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 04/29/03 ENVIROSTAR PULLED TANK. NO EVIDENCE OF DISCHARGE OR CONTAMINATION FOUND. VENT PIPE WAS CORRODED BELOW GRADE. NFA
Remarks: POSS VENT PIPE PROBLEM - GROSS FAILURE

All TTF:
Facility ID: 0212878
Spill Number: 0212878
Spill Tank Test: 1528135
Site ID: 282620
Tank Number: 1
Tank Size: 550
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 18
Test Method 2: Alert Model 1000 plus 1050 (Formerly Gilbarco Precision)
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 282620
Operable Unit ID: 866343
Operable Unit: 01
Material ID: 512600
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

Name: SPILL NUMBER 0206197
Address: 315 NELSON AVE
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 0206197 / 2003-04-29
Facility ID: 0206197
Site ID: 137987
Spill Date: 2002-09-16
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6012
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2002-09-16
CID: 207
Water Affected: Not reported

SPILL NUMBER 0212878 (Continued) **S105998534**

Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-09-16
Spill Record Last Update:	2003-05-07
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	ROSE HAIGHT
Spiller Phone:	(914) 739-3772
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	117997
Latitude:	41.2937511
Longitude:	-73.9224113
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 04/29/03 TANK WAS RETESTED BY ATS AND FAILED. SEE SPILL 02-12878 FOR CLOSURE. NFA
Remarks:	Not reported

All TTF:

Facility ID:	0206197
Spill Number:	0206197
Spill Tank Test:	1527452
Site ID:	137987
Tank Number:	1
Tank Size:	550
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

H70 **SOUTH PRESBYTERIAN CHURCH** **RCRA NonGen / NLR** **1004755552**
ESE **343 BROAD ST** **FINDS** **NY0000082263**
1/8-1/4 **DOBBS FERRY, NY 10522** **ECHO**
0.187 mi. **NY MANIFEST**
989 ft. **Site 2 of 2 in cluster H**

Relative: **Higher**

Actual: **226 ft.**

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	South Presbyterian Church
Handler Address:	Broad St
Handler City,State,Zip:	DOBBS FERRY, NY 10522
EPA ID:	NY0000082263
Contact Name:	PETER PADEN
Contact Address:	BROAD ST

SOUTH PRESBYTERIAN CHURCH (Continued) **1004755552**

Contact City,State,Zip:	DOBBS FERRY, NY 10522
Contact Telephone:	212-213-1010
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Ny
State District:	NYSDEC R3
Mailing Address:	BROAD ST
Mailing City,State,Zip:	DOBBS FERRY, NY 10522
Owner Name:	South Presbyterian Church
Owner Type:	Private
Operator Name:	South Presbyterian Church
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

SOUTH PRESBYTERIAN CHURCH (Continued) **1004755552**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D008
Waste Description: Lead

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: SOUTH PRESBYTERIAN CHURCH
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 343 BROAD ST
Owner/Operator City,State,Zip: DOBBS FERRY, NY 10522
Owner/Operator Telephone: 914-693-0473
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SOUTH PRESBYTERIAN CHURCH
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 343 BROAD ST
Owner/Operator City,State,Zip: DOBBS FERRY, NY 10522
Owner/Operator Telephone: 914-693-0473
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SOUTH PRESBYTERIAN CHURCH
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 343 BROAD ST
Owner/Operator City,State,Zip: DOBBS FERRY, NY 10522
Owner/Operator Telephone: 914-693-0473
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: SOUTH PRESBYTERIAN CHURCH
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

SOUTH PRESBYTERIAN CHURCH (Continued) **1004755552**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: SOUTH PRESBYTERIAN CHURCH
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19931221
Handler Name: SOUTH PRESBYTERIAN CHURCH
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004310521

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

SOUTH PRESBYTERIAN CHURCH (Continued) **1004755552**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004755552
Registry ID:	110004310521
DFR URL:	
Name:	SOUTH PRESBYTERIAN CHURCH
Address:	343 BROAD ST
City,State,Zip:	DOBBS FERRY, NY 10522

NY MANIFEST:

EPA ID:	NY0000082263
Country:	USA
Name:	South Presbyterian Church
Address:	343 BROAD ST
Address 2:	Not reported
City,State,Zip:	DOBBS FERRY, NY 10522
Zip 4:	Not reported
Location Address 1:	343 BROAD ST
Location Address 2:	Not reported
Location City,State,Zip:	DOBBS FERRY, NY 10522
Location Zip 4:	Not reported
Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	South Presbyterian Church
Mailing Contact:	Rev Joseph Gilmore
Mailing Address 1:	343 BROAD ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	DOBBS FERRY, NY 10522
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2122131010

Manifest Data:

Document ID:	MIA3194390
Manifest Status:	Not reported
Trans1 State ID:	Not reported
Year:	1993
Trans2 State ID:	Not reported
Generator Ship Date:	12/23/1993
Trans1 Recv Date:	12/23/1993
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/28/1993
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NY0000082263
Trans1 EPA ID:	NJD096839154
Trans2 EPA ID:	Not reported
TSDF ID 1:	MID096963194
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported

SOUTH PRESBYTERIAN CHURCH (Continued) **1004755552**

Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	LEAD
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00200
Units:	Pounds
Number of Containers:	005
Container Type:	Metal drums, barrels, kegs
Handling Method:	Landfill
Specific Gravity:	01.00

K71 **RESIDENCE** **NY LTANKS** **S109208784**
ENE **535 KISSAM RD** **N/A**
1/8-1/4 **PEEKSKILL, NY**
0.188 mi.
991 ft. **Site 2 of 2 in cluster K**

Relative: **Higher**

Actual: **298 ft.**

LTANKS:

Name:	RESIDENCE
Address:	535 KISSAM RD
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0805077 / 2008-12-11
Facility ID:	0805077
Site ID:	402116
Spill Date:	2008-07-31
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2008-08-01
CID:	404
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-08-01
Spill Record Last Update:	2008-12-11
Spiller Name:	MARIE BIRDAS

RESIDENCE (Continued) **S109208784**

Spiller Company:	RESIDENCE
Spiller Address:	535 KISSAM RD
Spiller County:	001
Spiller Contact:	MARIE BIRDAS
Spiller Phone:	(914) 739-1054
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	351328
Latitude:	41.2979416
Longitude:	-73.9151385
DEC Memo:	12/09/08 Burke Heat reported that they took the tank out of service and no holes were noted. All TAGM soil sample results for VOC's were ND. NFA TG
Remarks:	failed by hissing and gurgling

All TTF:

Facility ID:	0805077
Spill Number:	0805077
Spill Tank Test:	2486600
Site ID:	402116
Tank Number:	Not reported
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	True
Cause:	99
Source:	99
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	402116
Operable Unit ID:	1158883
Operable Unit:	01
Material ID:	2149990
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

72
North
1/8-1/4
0.191 mi.
1011 ft.

PRIVATE HOME
671 MCCORD PLACE
PEEKSKILL, NY

NY LTANKS **S107523371**
N/A

Relative:
Lower

Actual:
152 ft.

LTANKS:

Name:	PRIVATE HOME
Address:	671 MCCORD PLACE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0511782 / 2006-03-15
Facility ID:	0511782
Site ID:	358012
Spill Date:	2006-01-12
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2006-01-12
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-01-12
Spill Record Last Update:	2006-03-15
Spiller Name:	JACK MERCURIO-REAL ESTATE
Spiller Company:	PRIVATE HOME
Spiller Address:	671 MCCORD PLACE
Spiller County:	001
Spiller Contact:	JACK MERCURIO-REAL ESTATE
Spiller Phone:	(914) 737-2223
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	308039
Latitude:	41.2987840
Longitude:	-73.9190720
DEC Memo:	51 year old house is vacant. May isolate and (restart) ? or simply do a tank pull. March 15, 2006: DUTCHESS ENVIRONMENTAL REMOVED AND DISPOSED OF TANK. NO EVIDENCE OF LEAK OR CONTAMINATION WAS FOUND. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod
Remarks:	LEAK IN A SYSTEM

All TTF:

Facility ID:	0511782
Spill Number:	0511782
Spill Tank Test:	1549639
Site ID:	358012
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported

PRIVATE HOME (Continued) **S107523371**

Cause:	Not reported
Source:	Not reported
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	JBODee
Last Modified Date:	Not reported

All Materials:

Site ID:	358012
Operable Unit ID:	1115267
Operable Unit:	01
Material ID:	2105324
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Soil, Groundwater
Oxygenate:	Not reported

73
NE
1/8-1/4
0.199 mi.
1053 ft.

CON EDISON TRANSFORMER MANHOLE: 83
10 N JAMES ST
PEEKSKILL, NY 10566

RCRA NonGen / NLR **1016960542**
NY MANIFEST **NYP004325478**

Relative:
Higher

Actual:
259 ft.

RCRA Listings:

Date Form Received by Agency:	20130808
Handler Name:	Con Edison Transformer Manhole: 83
Handler Address:	N James St
Handler City,State,Zip:	PEEKSKILL, NY 10566
EPA ID:	NYP004325478
Contact Name:	DOMINIC BIZZARO
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	914-925-6219
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	SR SPECIALIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Ny
State District:	NYSDEC R2
Mailing Address:	IRVING PL, RM 828
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported

CON EDISON TRANSFORMER MANHOLE: 83 (Continued) **1016960542**

Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20140701
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20130708
Handler Name:	CON EDISON TRANSFORMER MANHOLE: 83
Federal Waste Generator Description:	Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner:	Ny
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

CON EDISON TRANSFORMER MANHOLE: 83 (Continued) **1016960542**

Electronic Manifest Broker: Not reported

Receive Date: 20130808
Handler Name: CON EDISON TRANSFORMER MANHOLE: 83
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
EPA ID: NYP004325478
Country: USA
Name: Con Edison
Address: 10 N JAMES ST
Address 2: Not reported
City,State,Zip: PEEKSKILL, NY 10566
Zip 4: Not reported
Location Address 1: FO 10 N JAMES ST
Location Address 2: Not reported
Location City,State,Zip: PEEKSKILL, NY 10566
Location Zip 4: Not reported
Facility Status: Not reported
Total Tanks: Not reported
Code: BP

Mailing:
Mailing Name: Con Edison
Mailing Contact: Con Edison
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City,State,Zip: NEW YORK, NY 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

Manifest Data:
Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD006982359

CON EDISON TRANSFORMER MANHOLE: 83 (Continued) **1016960542**

Year:	2018
Trans2 State ID:	Not reported
Generator Ship Date:	07/08/2013
Trans1 Recv Date:	07/08/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/09/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004325478
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	011693070JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code a:	LEAD
Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	300
Units:	Pounds
Number of Containers:	1
Container Type:	Cargo tanks (tank trucks)
Handling Method:	Treat
Specific Gravity:	1

L74 **RAY STEWART** **NY LTANKS** **S102673652**
SW **229 NELSON AVE** **N/A**
1/8-1/4 **PEEKSKILL, NY**
0.206 mi.
1090 ft. **Site 1 of 2 in cluster L**

Relative: LTANKS:
Lower

Name:	RAY STEWART
Address:	229 NELSON AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9012143 / 1991-04-23
Facility ID:	9012143
Site ID:	109330

Actual:
165 ft.

RAY STEWART (Continued) **S102673652**

Spill Date:	1991-02-21
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Not reported
Cleanup Ceased:	1991-04-18
SWIS:	6012
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1991-02-21
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	1991-04-18
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-02-22
Spill Record Last Update:	1991-04-23
Spiller Name:	Not reported
Spiller Company:	AGWAY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	96017
Latitude:	41.2927321
Longitude:	-73.9222848
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 04/23/91: WCHD HANDLED, ONLY 1 GAL. BY FILL PIPE. TRIED TO GAIN ACCESS TO THE BASEMENT BUT COULDN'T.
Remarks:	WCHD TO INSPECT SITE TANK OVERFILL OUT VENT ONTO SIDEWALK DRIVER COVERED UP WITH SPEEDI-DRY AGWAY CREW ENROUTE TO CLEAN UP NO ONE AT HOME AT THIS TIME UNABLE TO ACCESS HOUSE TO INSPECT

All Materials:

Site ID:	109330
Operable Unit ID:	949152
Operable Unit:	01
Material ID:	428649
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

75
ESE
1/8-1/4
0.211 mi.
1116 ft.

RESIDENCE
225 NORTH BROAD STREET
PEEKSKILL, NY

NY LTANKS **S107410625**
N/A

Relative:
Higher

Actual:
210 ft.

LTANKS:

Name:	RESIDENCE
Address:	225 NORTH BROAD STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0507662 / 2005-12-18
Facility ID:	0507662
Site ID:	353109
Spill Date:	2005-09-26
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2005-09-26
CID:	408
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-09-26
Spill Record Last Update:	2005-12-18
Spiller Name:	MIKE GRAZIANO
Spiller Company:	RESIDENCE
Spiller Address:	225 NORTH BROAD STREET
Spiller County:	001
Spiller Contact:	MIKE GRAZIANO
Spiller Phone:	(914) 403-6768
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	300404
Latitude:	41.2939890
Longitude:	-73.9152980
DEC Memo:	December 18, 2005: GRAZI-1 DISPOSED OF LUST AND 8.86 TONS OF CONTAMINATED SOIL. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod
Remarks:	THERE APPEARS TO BE NO VISABLE HOLES IN TANK, HOWEVER THE SOIL AROUND THE TANK IS SATURATED WITH PRODUCT.

All Materials:

Site ID:	353109
Operable Unit ID:	1110579
Operable Unit:	01
Material ID:	2100615
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G

RESIDENCE (Continued) **S107410625**

Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

L76 **SPILL NUMBER 9808748** **NY LTANKS** **S104619745**
SW **217 NELSON AVENUE** **N/A**
1/8-1/4 **PEEKSKILL, NY**
0.223 mi.
1178 ft. **Site 2 of 2 in cluster L**

Relative: **Lower**
Actual: **161 ft.**

LTANKS:

Name:	SPILL NUMBER 9808748
Address:	217 NELSON AVENUE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9808748 / 1998-11-17
Facility ID:	9808748
Site ID:	135352
Spill Date:	1998-10-14
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	1998-10-14
CID:	266
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-10-14
Spill Record Last Update:	1999-01-15
Spiller Name:	Not reported
Spiller Company:	SUSAN HUBBARD
Spiller Address:	217 NELSON AVENUE
Spiller County:	001
Spiller Contact:	SUSAN HUBBARD
Spiller Phone:	(914) 739-7890
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	116220
Latitude:	41.2926148
Longitude:	-73.9222628
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE PASSED RETEST AFTER REFIT.
Remarks:	ROBISON OIL COMPANY TO BE NOTIFIED. ROBINSON WILL ISOLATE, AND THEN CALLER WILL RETEST.

All TTF:

Facility ID:	9808748
Spill Number:	9808748
Spill Tank Test:	1546391
Site ID:	135352

SPILL NUMBER 9808748 (Continued) **S104619745**

Tank Number:	Not reported
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	135352
Operable Unit ID:	1069932
Operable Unit:	01
Material ID:	316237
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

77
NNW
1/8-1/4
0.225 mi.
1189 ft.

MIKLUSKI HOME
937 REYNOLDS STREET
PEEKSKILL, NY

NY LTANKS **S106971919**
N/A

Relative:
Lower

Actual:
163 ft.

LTANKS:

Name:	MIKLUSKI HOME
Address:	937 REYNOLDS STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0502292 / 2005-07-17
Facility ID:	0502292
Site ID:	346627
Spill Date:	2005-05-26
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2005-05-26
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False

MIKLUSKI HOME (Continued) **S106971919**

Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-05-26
Spill Record Last Update:	2005-07-17
Spiller Name:	MR & MIKULSKY
Spiller Company:	MIKLUSKI HOME
Spiller Address:	937 REYNOLDS STREET
Spiller County:	001
Spiller Contact:	MR & MIKULSKY
Spiller Phone:	(914) 788-9741
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	292893
Latitude:	41.2989680
Longitude:	-73.9222240
DEC Memo:	July 17, 2005: DUTCHESS ENVIRONMENTAL REMOVED A SMALL AMOUNT OF SURFACE CONTAMINATION FROM A POSSIBLE DELIVERY OVERFILL. TANK WAS REMOVED. NO EVIDENCE OF LEAK OR CONTAMINATION WAS FOUND. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod
Remarks:	stars soils test: results over dec limits

All TTF:

Facility ID:	0502292
Spill Number:	0502292
Spill Tank Test:	1548949
Site ID:	346627
Tank Number:	1
Tank Size:	275
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	346627
Operable Unit ID:	1104392
Operable Unit:	01
Material ID:	584575
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

78
WSW
1/8-1/4
0.241 mi.
1270 ft.

SPILL NUMBER 0103947
305 DECATUR AVE
PEEKSKILL, NY

NY LTANKS **S105055294**
N/A

Relative:
Higher

Actual:
187 ft.

LTANKS:

Name:	SPILL NUMBER 0103947
Address:	305 DECATUR AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0103947 / 2001-07-17
Facility ID:	0103947
Site ID:	108951
Spill Date:	2001-07-13
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2001-07-13
CID:	382
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-07-13
Spill Record Last Update:	2001-08-06
Spiller Name:	MR GARRABRANT
Spiller Company:	Not reported
Spiller Address:	305 DECATUR AVE
Spiller County:	001
Spiller Contact:	MR GARRABRANT
Spiller Phone:	(914) 737-3828
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	95736
Latitude:	41.2935468
Longitude:	-73.9236806
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE
Remarks:	tank overfill due to bad vent alarm caused spill. driver cleaning up now

All Materials:

Site ID:	108951
Operable Unit ID:	840560
Operable Unit:	01
Material ID:	532457
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00

SPILL NUMBER 0103947 (Continued) **S105055294**

Resource Affected: Soil
Oxygenate: Not reported

M79 **KELLY COURTS, INC.** **NY UST** **U004440652**
SW **205 NELSON AVENUE** **N/A**
1/8-1/4 **PEEKSKILL, NY 10566**
0.241 mi.
1272 ft. **Site 1 of 3 in cluster M**

Relative: WESTCHESTER CO. UST:
Lower

Actual: Name: KELLY COURTS, INC.
155 ft. Address: 205 NELSON AVENUE
City,State,Zip: PEEKSKILL, NY 10566
Id/Status: 3-800302 / Active
Operator Name: Wilmer Espinoza
Owner Name: Kelly Courts, Inc.
Owner Street: 205 Nelson Avenue
Owner Address2: Not reported
Owner City: Peekskill
Owner State: NY
Owner Zipcode: 10566
GDS Number: Not reported

Tank Number: 1
Status: 1. In-Service
Capacity: 5000
Product Stored: 0001. #2 Fuel Oil
Product Stored Percent: 0
Tank Leak Detection: 0. None
Date Installation: 01/01/1970
Date Perm Closure: 01/01/1900
Tank Location: 5. Underground including vaulted with no access for inspection
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 1. Painted/Asphalt Coating
Tank Secondary Containment: 3. Vault (w/ no access)
Piping Location: 2. Underground/on Ground
Piping Type: 3. Stainless Steel Alloy
Piping External Protection: 1. Painted/Asphalt Coating
Overfill Prevention: 5. Vent Whistle
Piping Secondary Containment: 0. None
Spill Prevention: 0. None
Dispenser: 3. Gravity

M80 **KELLY COURTS INC** **NY LTANKS** **S104508718**
SW **205 NELSON AVE** **NY Spills** **N/A**
1/8-1/4 **PEEKSKILL, NY**
0.241 mi.
1272 ft. **Site 2 of 3 in cluster M**

Relative: LTANKS:
Lower

Actual: Name: KELLY COURTS INC
155 ft. Address: 205 NELSON AVE
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 0812992 / 2009-04-14

KELLY COURTS INC (Continued) **S104508718**

Facility ID:	0812992
Site ID:	410650
Spill Date:	2009-03-03
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2009-03-03
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2009-03-03
Spill Record Last Update:	2009-04-14
Spiller Name:	ANTHONY DIANGELO
Spiller Company:	KELLY COURTS INC
Spiller Address:	205 NELSON AVE
Spiller County:	999
Spiller Contact:	ANTHONY DIANGELO
Spiller Phone:	(914) 610-6252
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	119232
Latitude:	41.2925617
Longitude:	-73.9220086
DEC Memo:	3-3-09: V.Mc.^ Mr.Diangelo: Had not been notified of UST failure. Mr.Diangelo has not been in charge of the building for too long and doesn't know the ageof the UST. Advised Mr. Diangelo that WCHD will be following up w/hin as to status. 04/14/09 W Schneider reported ttf 3/3/09. manway gasket tightened. Passed retest 3/11/09. NFA TG
Remarks:	Caller states they had a failure on a 5000 gallon ust and had a failure. No spill or resources affected.

All Materials:

Site ID:	410650
Operable Unit ID:	1167126
Operable Unit:	01
Material ID:	2158662
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Name:	KELLY COURTS - APARTMENT BLDG
Address:	205 NELSON AVE

KELLY COURTS INC (Continued) **S104508718**

City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1410979 / 2020-09-24
Facility ID:	1410979
Site ID:	504718
Spill Date:	2015-02-18
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2015-02-18
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2015-02-18
Spill Record Last Update:	2020-09-24
Spiller Name:	ANTHONY DIANGELO
Spiller Company:	Kelly Courts Apt Bldg
Spiller Address:	205 NELSON AVE
Spiller County:	999
Spiller Contact:	ANTHONY DIANGELO
Spiller Phone:	(914) 739-3853
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	119232
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	As per an email from C Lalak, WCDOH, W Scheinder will handle spill. This is a registered PBS site # 3-800308...mm Please handle this TTF PBS 3-800302 5 K vaulted without access, registered as a UST 8/28/20: I received a call from a consultant for a bank refinance of this property inquiring about two open tank test failure spills 1410979 and 1411115. A FOIL request had been submitted and the caller is asking if these two spills should be closed based upon the updates from Spill 1907371 referencing passing retests. Message sent to WC DOH PBS. jod 9/24/20: Update from Chris Lalak at WCDOH PBS via email: Spill 1410979 TTF was assigned to Wayne Schneider. From the notes I see he tried to closed the spill 2-4-2016 Wayne noted that the manway gasket was replaced and tank passed a retest. NFA sent to Carlos 2-4-2016. They have 1 5K heating oil tank from 1970. it was tested 3/2020 and passed. I attached the inspection from last year and the FIR. *Inspection report and FIR will be entered into DecDocs. Based upon the information provided, NFA required at this time. jod
Remarks:	5000 gal vaulted indoor tank failed test. Repair & retest being scheduled.

All Materials:

Site ID:	504718
Operable Unit ID:	1254059
Operable Unit:	01
Material ID:	2256457

KELLY COURTS INC (Continued) **S104508718**

Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	KELLY COURTS INC/APT BUILDING
Address:	205 NELSON AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1411115 / 2020-09-24
Facility ID:	1411115
Site ID:	504865
Spill Date:	2015-02-23
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2015-02-23
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2015-02-23
Spill Record Last Update:	2020-09-24
Spiller Name:	Not reported
Spiller Company:	KELLY COURTS INC/APT BUILDING
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	TONY DIANGELO
Spiller Phone:	(914) 739-3853
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	119232
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	2/23/15 - The tank is a 5K gal. vaulted tank. The tank fail the retest. Additional work on the tank and the pipingt is needed. KAB 8/28/20: I received a call from a consultant for a bank refinance of this property inquiring about two open tank test failure spills 1410979 and 1411115. A FOIL request had been submitted and the caller is asking if these two spills should be closed based upon the updates from Spill 1907371 referencing passing retests. Message sent to WC DOH PBS. jod 9/24/20: Update from Chris Lalak at WCDOH PBS via email: Spill 1410979 TTF was assigned to Wayne Schneider. From the notes I see he tried to closed the spill 2-4-2016 Wayne noted that the manway

KELLY COURTS INC (Continued) **S104508718**

gasket was replaced and tank passed a retest. NFA sent to Carlos 2-4-2016. They have 1 5K heating oil tank from 1970. it was tested 3/2020 and passed. I attached the inspection from last year and the FIR. *Inspection report and FIR will be entered into DecDocs. Based upon the information provided, NFA required at this time. jod

Remarks: retest failure

All Materials:

Site ID:	504865
Operable Unit ID:	1254198
Operable Unit:	01
Material ID:	2256606
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

SPILLS:

Name:	EDWARD KELLY
Address:	205 NELSON AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9911208 / 2003-12-05
Facility ID:	9911208
Facility Type:	ER
DER Facility ID:	119232
Site ID:	139561
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	6012
Spill Date:	1999-12-22
Investigator:	JBODEE
Referred To:	WESTCHESTER CNTY HEALTH DEPT
Reported to Dept:	1999-12-22
CID:	211
Water Affected:	Not reported
Spill Source:	Non Major Facility > 1,100 gal
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-12-22
Spill Record Last Update:	2019-10-30
Spiller Name:	THERESA KELLY
Spiller Company:	Kelly Courts
Spiller Address:	205 NELSON AV
Spiller Company:	001
Contact Name:	THERESA KELLY

KELLY COURTS INC (Continued) **S104508718**

Latitude: 41.2924886
Longitude: -73.9222529
DEC Memo: 12/22/99 5K U/G TANK. NO VENT WHISTLE. OIL COMPANY ENROUTE TO CLEAN UP. 01/05/2000 LETTER SENT TO EDWARD KELLY BY B. MCDONALD (WCHD); REQUIRES A WRITTEN REPORT BE PROVIDED DETAILING HOW THE RELEASE WAS REMEDIED. 12/05/03 CLOSED BY BARBARA McDONALD OF WCHD. REMEDIATION REPORT OF 8/3/01 OKAY .
Remarks: defective gauge on tank caused overfill no clean up

All Materials:
Site ID: 139561
Operable Unit ID: 1085889
Operable Unit: 01
Material ID: 296674
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5.00
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

N81 **COMMERCIAL ESTABLISHMENT** **NY LTANKS** **S104877105**
SSE **120 NORTH JAMES STREET** **N/A**
1/8-1/4 **PEEKSKILL, NY**
0.241 mi.
1275 ft. **Site 1 of 4 in cluster N**

Relative: **Lower**
Actual: **150 ft.**

LTANKS:
Name: COMMERCIAL ESTABLISHMENT
Address: 120 NORTH JAMES STREET
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 0008785 / 2005-04-24
Facility ID: 0008785
Site ID: 273421
Spill Date: 2000-10-26
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 6012
Investigator: JBODee
Referred To: Not reported
Reported to Dept: 2000-10-27
CID: 282
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: 2000-10-30
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2000-10-27
Spill Record Last Update: 2021-08-10

COMMERCIAL ESTABLISHMENT (Continued) **S104877105**

Spiller Name:	SAME
Spiller Company:	JOHN ROSS
Spiller Address:	120 NORTH JAMES STREET
Spiller County:	001
Spiller Contact:	JOHN ROSS
Spiller Phone:	(914) 736-1034
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	222437
Latitude:	41.2921177
Longitude:	-73.9172907
DEC Memo:	10/30/00 EXTENSIVE CONTAMINATION BENEATH CONCRETE FLOOR. STRONG PETRO ODORS THROUGHOUT BLDG. RESIDENTIAL TO BREAK UP FLOOR AND BEGIN REMEDIATION LATER THIS WEEK. jod 04/24/05 CLEANUP COMPLETED BY RESIDENTIAL. NO CLOSURE INFORMATION SUBMITTED TO DEC. FILE ADMINISTRATIVELY CLOSED. jod
Remarks:	A 275 GALLON FAILED INSIDE THE BUILDING.TANK WAS REMOVED

All Materials:

Site ID:	273421
Operable Unit ID:	829387
Operable Unit:	01
Material ID:	546283
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

N82 **UNITED METHODIST CHURCH OF PEEKSKILL** **NY UST** **U004442066**
SSE **1040 MAIN STREET** **N/A**
1/8-1/4 **PEEKSKILL, NY 10566**
0.242 mi.
1279 ft. **Site 2 of 4 in cluster N**

Relative: **Lower**
Actual: **145 ft.**

WESTCHESTER CO. UST:

Name:	UNITED METHODIST CHURCH OF PEEKSKILL
Address:	1040 MAIN STREET
City,State,Zip:	PEEKSKILL, NY 10566
Id/Status:	3-801562 / Unregulated
Operator Name:	Richard Spicer
Owner Name:	United Methodist Church of Peekskill
Owner Street:	1040 Main Street
Owner Address2:	Not reported
Owner City:	Peekskill
Owner State:	NY
Owner Zipcode:	10566
GDS Number:	Not reported
Tank Number:	001
Status:	4. Closed - in place
Capacity:	6000
Product Stored:	0001. #2 Fuel Oil

UNITED METHODIST CHURCH OF PEEKSKILL (Continued) **U004442066**

Product Stored Percent:	0
Tank Leak Detection:	0. None
Date Installation:	05/01/2009
Date Perm Closure:	07/16/2009
Tank Location:	5. Underground including vaulted with no access for inspection
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	3. Aboveground/underground combination
Piping Type:	1. Steel/Carbon/ steel/iron
Piping External Protection:	0. None
Overfill Prevention:	1. Float Vent Valve,5. Vent Whistle
Piping Secondary Containment:	0. None
Spill Prevention:	Not reported
Dispenser:	2. Suction

N83 **NYSOMH-RPC-PEEKSKILL SERVICE CENTER** **RCRA-VSQG** **1027706153**
SSE **1040 MAIN ST** **NYR000261818**
1/8-1/4 **PEEKSKILL, NY 10566**
0.242 mi.
1279 ft. **Site 3 of 4 in cluster N**

Relative: **Lower**
Actual: **145 ft.**

RCRA Listings:

Date Form Received by Agency:	20230601
Handler Name:	Nysomh-Rpc-Peekskill Service Center
Handler Address:	Main St
Handler City,State,Zip:	PEEKSKILL, NY 10566
EPA ID:	NYR000261818
Contact Name:	SHAWN L HARRIS
Contact Address:	OLD ORANGEBURG RD
Contact City,State,Zip:	ORANGEBURG, NY 10962
Contact Telephone:	845-680-8500
Contact Fax:	845-680-5589
Contact Email:	SHAWN.HARRIS@OMH.NY.GOV
Contact Title:	HAZARDOUS WASTE & RIGHT TO KNOW OFFICER
EPA Region:	02
Land Type:	State
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Ny
State District:	NYSDEC R3
Mailing Address:	MAIN ST
Mailing City,State,Zip:	PEEKSKILL, NY 10566
Owner Name:	Nys Office Of Mental Health
Owner Type:	State
Operator Name:	Nys Office Of Mental Health
Operator Type:	State
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No

NYSOMH-RPC-PEEKSKILL SERVICE CENTER (Continued) **1027706153**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20230707
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D005
Waste Description:	Barium
Waste Code:	D008
Waste Description:	Lead
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D010
Waste Description:	Selenium
Waste Code:	D011
Waste Description:	Silver

NYSOMH-RPC-PEEKSKILL SERVICE CENTER (Continued) **1027706153**

Waste Code: D013
Waste Description: Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)

Waste Code: D024
Waste Description: M-Cresol

Waste Code: D026
Waste Description: Cresol

Waste Code: P001
Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%

Waste Code: P042
Waste Description: 1,2-Benzenediol, 4-[1-Hydroxy-2-(Methylamino)Ethyl]-, (R)- (Or) Epinephrine

Waste Code: P075
Waste Description: Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts

Waste Code: U129
Waste Description: Cyclohexane, 1,2,3,4,5,6-Hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)- (Or) Lindane

Waste Code: U205
Waste Description: Selenium Sulfide (Or) Selenium Sulfide Ses2 (R,T)

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NYS OFFICE OF MENTAL HEALTH
Legal Status: State
Date Became Current: 19780401
Date Ended Current: Not reported
Owner/Operator Address: 75 NEW SCOTLAND AVE
Owner/Operator City,State,Zip: ALBANY, NY 12208
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: JIMMY.NG@OMH.NY.GOV

Owner/Operator Indicator: Owner
Owner/Operator Name: NYS OFFICE OF MENTAL HEALTH
Legal Status: State
Date Became Current: 19780401
Date Ended Current: Not reported
Owner/Operator Address: 75 NEW SCOTLAND AVE
Owner/Operator City,State,Zip: ALBANY, NY 12208
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: JIMMY.NG@OMH.NY.GOV

Historic Generators:
Receive Date: 20230601

NYSOMH-RPC-PEEKSKILL SERVICE CENTER (Continued) **1027706153**

Handler Name: NYSOMH-RPC-PEEKSKILL SERVICE CENTER
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 621420
NAICS Description: OUTPATIENT MENTAL HEALTH AND SUBSTANCE ABUSE CENTERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

O84 **WESTCHESTER COMM COLLEGE** **NY LTANKS** **S102618943**
South **2735 NORTH DIVISION ST** **N/A**
1/8-1/4 **PEEKSKILL, NY**
0.245 mi.
1291 ft. **Site 1 of 3 in cluster O**

Relative: **Lower**
Actual: **136 ft.**

LTANKS:
Name: WESTCHESTER COMM COLLEGE
Address: 2735 NORTH DIVISION ST
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 9704140 / 2018-12-14
Facility ID: 9704140
Site ID: 104577
Spill Date: 1997-07-07
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6012
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1997-07-07
CID: 370
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1997-07-07
Spill Record Last Update: 2018-12-14

WESTCHESTER COMM COLLEGE (Continued) **S102618943**

Spiller Name:	JAY KAPLAN
Spiller Company:	WESTCHESTER COMM COLLEGE
Spiller Address:	2735 N. DIVISION ST
Spiller County:	001
Spiller Contact:	JAY KAPLAN
Spiller Phone:	(914) 452-1658
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	92377
Latitude:	41.2901304
Longitude:	-73.8471369
DEC Memo:	8/3/10 need Status Update JO'M 06-10-14 sent email to WCHD looking for FIR and Update 12/12/18 A consultant, Victoria Ryback from Dynamic Earth submitted a 2007 Tank Closure Site Assessment report prepared by Ecosystems Strategies and requested closure of the the spill number based on the ES report. Confirming with the WCHD that the tank is listed as closed in place on the PBS records. TG 12/15/18 Confirmation received from the WCDoH that the PBS records confirm that the tank was properly closed according to their records. NFA. TG
Remarks:	failed vaccuum test using horner ez iii further investigation to continue

All TTF:

Facility ID:	9704140
Spill Number:	9704140
Spill Tank Test:	1545200
Site ID:	104577
Tank Number:	1
Tank Size:	2000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	104577
Operable Unit ID:	1047363
Operable Unit:	01
Material ID:	333397
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

85
NNE
1/8-1/4
0.248 mi.
1307 ft.

HOME
681 NORTH DIVISION STREET
PEEKSKILL, NY

NY LTANKS **S106971315**
N/A

Relative:
Lower

Actual:
176 ft.

LTANKS:

Name:	HOME
Address:	681 NORTH DIVISION STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0407599 / 2006-11-01
Facility ID:	0407599
Site ID:	332117
Spill Date:	2004-10-08
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2004-10-08
CID:	403
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-10-08
Spill Record Last Update:	2006-11-01
Spiller Name:	JAMES ROOD
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	JAMES ROOD
Spiller Phone:	(845) 228-0076
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	267271
Latitude:	41.2993530
Longitude:	-73.9171620
DEC Memo:	SEE SPILL 06-03927. NFA jod
Remarks:	tank test failure.going to isolate the tank and retest

All TTF:

Facility ID:	0407599
Spill Number:	0407599
Spill Tank Test:	1548224
Site ID:	332117
Tank Number:	Not reported
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II

HOME (Continued) **S106971315**

Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	332117
Operable Unit ID:	1094375
Operable Unit:	01
Material ID:	574479
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	HOME
Address:	681 NORTH DIVISION STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0603927 / 2006-10-29
Facility ID:	0603927
Site ID:	366778
Spill Date:	2006-07-10
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2006-07-10
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-07-10
Spill Record Last Update:	2006-11-01
Spiller Name:	JOSEPH BERTIN
Spiller Company:	BERTIN HOME
Spiller Address:	681 NORTH DIVISON STREET
Spiller County:	001
Spiller Contact:	JOSEPH BERTIN
Spiller Phone:	(914) 463-8932
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	267271
Latitude:	41.2990516
Longitude:	-73.9170785

HOME (Continued) **S106971315**

DEC Memo: Caller contacted oil company to pump the tank out. Caller will recommend removal for the tank. 10/29/06: DUTCHESS ENVIRONMENTAL REMOVED AND DISPOSED OF TANK. NO EVIDENCE OF LEAK OR CONTAMINATION WAS FOUND. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod
Remarks: uncover repair and test or remove

All TTF:
Facility ID: 0603927
Spill Number: 0603927
Spill Tank Test: 1550112
Site ID: 366778
Tank Number: 1
Tank Size: 550
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified Date: Not reported

All Materials:
Site ID: 366778
Operable Unit ID: 1124709
Operable Unit: 01
Material ID: 2114205
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

---

86 **LOGOS HOME** **NY LTANKS** **S107789091**
WNW **611 DECATUR AVENUE** **N/A**
1/8-1/4 **PEEKSKILL, NY**
0.248 mi.
1312 ft.

Relative:
Higher

Actual:
223 ft.

LTANKS:
Name: LOGOS HOME
Address: 611 DECATUR AVENUE
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 0600191 / 2006-06-29
Facility ID: 0600191
Site ID: 362145
Spill Date: 2006-04-06
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling

LOGOS HOME (Continued) **S107789091**

Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2006-04-06
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-04-06
Spill Record Last Update:	2006-06-29
Spiller Name:	PAUL SCORZELLI
Spiller Company:	LOGOS HOME
Spiller Address:	611 DECATUER STREET
Spiller County:	001
Spiller Contact:	PAUL SCORZELLI
Spiller Phone:	(914) 946-4300
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	312383
Latitude:	41.2970720
Longitude:	-73.9239670
DEC Memo:	SEE SPILL 06-02419. NFA THIS NUMBER. jod
Remarks:	RECOMMEND REMOVAL

All TTF:

Facility ID:	0600191
Spill Number:	0600191
Spill Tank Test:	1549870
Site ID:	362145
Tank Number:	1
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	362145
Operable Unit ID:	1120248
Operable Unit:	01
Material ID:	2109743
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported

LOGOS HOME (Continued) **S107789091**

Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	LOGOS HOME
Address:	611 DECATUR AVENUE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0602419 / 2006-07-07
Facility ID:	0602419
Site ID:	364880
Spill Date:	2006-06-02
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2006-06-02
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-06-02
Spill Record Last Update:	2006-07-07
Spiller Name:	LOGOS HOME
Spiller Company:	LOGOS HOME
Spiller Address:	611 DECATER AVE
Spiller County:	001
Spiller Contact:	LOGOS HOME
Spiller Phone:	(914) 382-3137
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	312383
Latitude:	41.2976516
Longitude:	-73.9239486
DEC Memo:	06/09/06: SOIL SAMPLES COLLECTED. CALLER WAITING FOR SAMPLE RESULTS TO DETERMINE REMEDIATION. ALSO SPILL 06-00191. July 7, 2006: ENVIROSTAR DISPOSED OF LUST AND 18.38 TONS OF CONTAMINATED SOIL. CLOSURE REPORT REVIEWED BY DEC. BASED UPON INFORMATION PROVIDED, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod
Remarks:	550 GALLON TANK HAD HOLES

All Materials:

Site ID:	364880
Operable Unit ID:	1122898
Operable Unit:	01
Material ID:	2112378
Material Code:	0001A
Material Name:	#2 fuel oil

LOGOS HOME (Continued) **S107789091**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

O87 **CON EDISON** **NY MANIFEST** **S117058326**
South **OPP 994 MAIN ST** **N/A**
1/8-1/4 **PEEKSKILL, NY 10566**
0.249 mi.
1317 ft. **Site 2 of 3 in cluster O**

Relative:
Lower

Actual:
135 ft.

NY MANIFEST:

EPA ID:	NYP004503991
Country:	USA
Name:	Con Edison
Address:	OPP 994 MAIN ST
Address 2:	MH 2260
City,State,Zip:	PEEKSKILL, NY 10566
Zip 4:	Not reported
Location Address 1:	OPP 994 MAIN ST
Location Address 2:	MH 2260
Location City,State,Zip:	PEEKSKILL, NY 10566
Location Zip 4:	Not reported
Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	Con Edison
Mailing Contact:	Tom Teeling
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	NEW YORK, NY 10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

Manifest Data:

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Year:	2018
Trans2 State ID:	Not reported
Generator Ship Date:	04/17/2014
Trans1 Recv Date:	04/17/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/21/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004503991
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported

CON EDISON (Continued) **S117058326**

Manifest Tracking Number:	012770726JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code a:	LEAD
Waste Code b:	Not reported
Waste Code c:	Not reported
Waste Code e:	Not reported
Waste Code f:	Not reported
Waste Code g:	Not reported
Waste Code 1:	Not reported
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	40
Units:	Pounds
Number of Containers:	1
Container Type:	Cargo tanks (tank trucks)
Handling Method:	Treat
Specific Gravity:	1

N88 **COMMERCIAL PROP - TTF** **NY LTANKS** **S104620898**
SSE **1061 MAIN ST** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.253 mi.
1335 ft. **Site 4 of 4 in cluster N**

Relative: LTANKS:
Lower

Name:	COMMERCIAL PROP - TTF
Address:	1061 MAIN ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9913830 / 2000-03-20
Facility ID:	9913830
Site ID:	309168
Spill Date:	2000-03-08
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2000-03-08
CID:	211
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported

Actual:
146 ft.

COMMERCIAL PROP - TTF (Continued) **S104620898**

Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-03-08
Spill Record Last Update:	2023-06-22
Spiller Name:	BENZENBERG
Spiller Company:	Benzenberg
Spiller Address:	1061 MAIN ST
Spiller County:	001
Spiller Contact:	BENZENBERG
Spiller Phone:	(843) 832-0481
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	249692
Latitude:	41.2917748
Longitude:	-73.9181802
DEC Memo:	03/20/2000 TANK PASSED RETEST AFTER BUSHINGS WERE REPAIRED; NFA
Remarks:	UNCOVER CHECK TANK AND CALL FOR RETEST

All TTF:

Facility ID:	9913830
Spill Number:	9913830
Spill Tank Test:	1548111
Site ID:	309168
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	309168
Operable Unit ID:	1088363
Operable Unit:	01
Material ID:	292117
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

O89 **AMERICAN RETAIL GROUP** **NY LTANKS** **S102659935**
South **39 NORTH DIVISION STREET** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.265 mi.
1398 ft. **Site 3 of 3 in cluster O**

Relative:
Lower

Actual:
132 ft.

LTANKS:

Name:	AMERICAN RETAIL GROUP
Address:	39 NORTH DIVISION STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9503723 / 2005-01-02
Facility ID:	9503723
Site ID:	171490
Spill Date:	1995-06-23
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	tdghiosa
Referred To:	WDOH
Reported to Dept:	1995-06-26
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-07-10
Spill Record Last Update:	2005-01-02
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	144318
Latitude:	41.2911522
Longitude:	-73.9199819
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 1/2/2005 not a confirmed spill; tank test failure in tank regulated by pbs; close
Remarks:	POSS. LINE CAUSING PROBLEM WILL DIG LINES TO CHECK & RETEST HORNER-EZ III

All TTF:

Facility ID:	9503723
Spill Number:	9503723
Spill Tank Test:	1543951
Site ID:	171490
Tank Number:	Not reported
Tank Size:	0
Material:	0066A
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported

AMERICAN RETAIL GROUP (Continued) **S102659935**

Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 171490
Operable Unit ID: 1018190
Operable Unit: 01
Material ID: 365231
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

M90 **YAHURE RESIDENCE** **NY LTANKS** **S105230576**
SSW **116 NELSON AVE** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.265 mi.
1401 ft. **Site 3 of 3 in cluster M**

Relative: LTANKS:
Lower
Name: YAHURE RESIDENCE
Actual: Address: 116 NELSON AVE
146 ft. City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 0109343 / 2002-01-22
Facility ID: 0109343
Site ID: 173254
Spill Date: 2001-12-21
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: D4
Cleanup Ceased: Not reported
SWIS: 6012
Investigator: jbodee
Referred To: Not reported
Reported to Dept: 2001-12-21
CID: 390
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2001-12-21
Spill Record Last Update: 2002-03-15
Spiller Name: JORGE YAHURE

YAHURE RESIDENCE (Continued) **S105230576**

Spiller Company:	YAHURE RESIDENCE
Spiller Address:	116 NELSON AV
Spiller County:	001
Spiller Contact:	JORGE YAHURE
Spiller Phone:	(914) 879-6154
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	145756
Latitude:	41.2921202
Longitude:	-73.9223545
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was
Remarks:	O'DEE 01/22/2002 TANK PASSED RETEST AFTER REFIT. NO FURTHER ACTION. tank failed test - no known product spillage

All TTF:

Facility ID:	0109343
Spill Number:	0109343
Spill Tank Test:	1526776
Site ID:	173254
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	173254
Operable Unit ID:	847697
Operable Unit:	01
Material ID:	530549
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

P91 **SPANISH CHURCH** **NY LTANKS** **S105995843**
SSW **944 MAIN ST** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.270 mi.
1425 ft. **Site 1 of 3 in cluster P**

Relative:
Lower

Actual:
139 ft.

LTANKS:

Name:	SPANISH CHURCH
Address:	944 MAIN ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0201521 / 2002-05-10
Facility ID:	0201521
Site ID:	89732
Spill Date:	2002-05-10
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jghardy
Referred To:	Not reported
Reported to Dept:	2002-05-10
CID:	365
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-05-10
Spill Record Last Update:	2002-05-30
Spiller Name:	CALLER
Spiller Company:	ROBISON OIL
Spiller Address:	500 EXECUTIVE BLVE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	81947
Latitude:	41.2916399
Longitude:	-73.9210846
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was HARDY
Remarks:	driver over filled the tank - clean up in progress

All Materials:

Site ID:	89732
Operable Unit ID:	854771
Operable Unit:	01
Material ID:	552631
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil

SPANISH CHURCH (Continued) **S105995843**

Oxygenate: Not reported

P92 **SPANISH CHURCH** **NY LTANKS** **S102673946**
SSW **940 MAIN STREET** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.272 mi.
1435 ft. **Site 2 of 3 in cluster P**

Relative: **Lower**
Actual: **140 ft.**

LTANKS:

Name:	SPANISH CHURCH
Address:	940 MAIN STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9210374 / 1992-12-09
Facility ID:	9210374
Site ID:	67985
Spill Date:	1992-12-08
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	C3
Cleanup Ceased:	1992-12-09
SWIS:	1400
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1992-12-08
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	Not reported
Spill Record Last Update:	2003-12-02
Spiller Name:	Not reported
Spiller Company:	ABC OIL
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	64887
Latitude:	41.2916317
Longitude:	-73.9211683
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY
Remarks:	SPILL ON PAVED SIDEWALK AND STREET CLEANED UP WITH SORBENT

All Materials:

Site ID:	67985
Operable Unit ID:	976835
Operable Unit:	01
Material ID:	403838
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported

SPANISH CHURCH (Continued) **S102673946**

Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Q93 **DEVIR RES** **NY LTANKS** **S102233439**
ENE **1231 SEYMOUR DR** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.272 mi.
1436 ft. **Site 1 of 2 in cluster Q**

Relative: **Higher**
Actual: **337 ft.**

LTANKS:

Name:	DEVIR RES
Address:	1231 SEYMOUR DR
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9512189 / 1996-03-14
Facility ID:	9512189
Site ID:	285844
Spill Date:	1995-12-28
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1995-12-28
CID:	207
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-12-28
Spill Record Last Update:	1996-05-09
Spiller Name:	Not reported
Spiller Company:	MR DEVIR
Spiller Address:	1231 SEYMOUR DR
Spiller County:	001
Spiller Contact:	FRANK DIBARTOLO
Spiller Phone:	(914) 769-5050
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	231710
Latitude:	41.2965840
Longitude:	-73.9142668
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 03/14/96 TANK DEACTIVATED HOLES FOUND OIL & WATER WORKING INTO TANK; TANK REMOVED HOLE VACED OUT TANK WAS ENCASED IN A VAULT NO CRACKS SEEN
Remarks:	cleanup co to be contacted asap - tank deactivated and drained

All Materials:

DEVIR RES (Continued) **S102233439**

Site ID:	285844
Operable Unit ID:	1023127
Operable Unit:	01
Material ID:	359500
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

R94 **REAL ESATE TRANSACTION** **NY LTANKS** **S108298746**
SSE **1122 MAIN STREET** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.279 mi.
1472 ft. **Site 1 of 2 in cluster R**

Relative: **Lower**

Actual: **155 ft.**

LTANKS:

Name:	REAL ESATE TRANSACTION
Address:	1122 MAIN STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0608781 / 2010-02-02
Facility ID:	0608781
Site ID:	372808
Spill Date:	2006-10-31
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2006-10-31
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-10-31
Spill Record Last Update:	2010-02-02
Spiller Name:	ERIC SADEL- REALTY
Spiller Company:	REAL ESATE TRANSACTION
Spiller Address:	1122 MAIN STREET
Spiller County:	001
Spiller Contact:	ERIC SADEL- REALTY
Spiller Phone:	(914) 788-6300
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	322538
Latitude:	41.2923616
Longitude:	-73.9163886

REAL ESATE TRANSACTION (Continued) **S108298746**

DEC Memo:	No known impacts; appears to be ullage. May repair or remove. Will report to J. O'Dee. 2/2/10: Tank passed a retest in February of 2007 after piping was repaired. Passing retest results were not submitted at that time. Documentation recently received, will be entered into eDocs. Based upon the information received, no further action is required at this time. jod
Remarks:	APPEARS TO BE AN ULIDGE LEAK

All TTF:

Facility ID:	0608781
Spill Number:	0608781
Spill Tank Test:	1550400
Site ID:	372808
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	372808
Operable Unit ID:	1130541
Operable Unit:	01
Material ID:	2120212
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

P95 **THE LOFTS ON MAIN** **NY BROWNFIELDS** **S118256195**
SSW **922 MAIN STREET AND 921 DIVEN STREET** **N/A**
1/4-1/2 **PEEKSKILL, NY 10566**
0.282 mi.
1488 ft. **Site 3 of 3 in cluster P**

Relative:
Lower

Actual:
138 ft.

BROWNFIELDS:

Name:	THE LOFTS ON MAIN
Address:	922 MAIN STREET AND 921 DIVEN STREET
City,State,Zip:	PEEKSKILL, NY 10566
Program:	BCP
Site Code:	512551
Acres:	0.570
HW Code:	C360152
SWIS:	6012

THE LOFTS ON MAIN (Continued) **S118256195**

Town:	Peekskill (c)
Record Added Date:	08/14/2015
Record Updated Date:	01/02/2018
Update By:	BRHUMPHR
Site Description:	"Location: The Lofts on Main consists of two tax lots located at 922 Main Street and 921 Diven Street, in the City of Peekskill, Westchester County, New York (identified as City of Peekskill tax parcels: Section 33.29, Block 2, Lots 4 and 5, respectively). The site is a rectangular-shaped, vacant 0.575-acre parcel, which has 120 feet of frontage on the northern side of Main Street and 117.3 feet of frontage on the southern side of Diven Street. Site Features: The property is currently a vacant lot. The eastern and western property lines are bounded by institutional and residential properties while the northern and southern property borders are defined by Diven Street and Main Street, respectively. Current Zoning and Land Use: The current zoning is C-2, Central Commercial. The site is currently vacant land that was previously utilized for light industrial and commercial purposes. The surrounding properties are a mixture of commercial and residential properties. Past Use of the Site: The site is known to have been used for residential, commercial, and possibly manufacturing purposes since at least 1887. The site contained a furniture and upholstery store from sometime prior to 1895 until circa 1942 when a furniture warehouse replaced the upholstery shop. Other occupants of the subject property have included a furniture company in 1971, a shade company between 1971 and 1976, and the Paraco Fuel Corporation between 1971 and 1992. Some of these activities have the potential to have handled/used solvents, paints, and other chemicals. The source of the documented soil contamination may be from historical manufacturing operations or other commercial uses, or may be related to debris materials from the demolition of former on-site structures or other sources. Site Geology and Hydrogeology: Soils encountered during the extension of test pits at the southern portions of the site generally consisted of brown to dark brown, variable texture sand with cobbles and boulders. soils encountered at the northern portions of the site generally consisted of light brown to brown, fine sand with gravel, cobbles, and boulders. The upper 4 to 9 feet of soils across the site appear to be fill. Bedrock was encountered at depths ranging from 5.5 to 13.5 feet below grade Groundwater was not encountered in the overburden soils of the property. Groundwater is present in the bedrock at depths ranging from 11 to 13 feet below the ground surface and is flowing to the south/southwest."
Env Problem:	" Nature and Extent of contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were lead and pesticides in the soil. Remedial actions have successfully achieved soil cleanup objectives for unrestricted use. "
Health Problem:	"This Health Assessment is presently being updated and will be posted upon receipt from the NYSDOH."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported

THE LOFTS ON MAIN (Continued) **S118256195**

Record Add:	2015-08-20 09:33:00
Record Upd:	2017-12-11 09:55:00
Updated By:	GWHEITZM
Own Op:	1
Sub Type:	P03
Owner Name:	Kenneth Kearney
Owner Company:	The Lofts on Main Limited Partnership
Owner Address:	34 Clayton Blvd, Suite A
Owner Addr2:	Not reported
Owner City,St,Zip:	Baldwin Place, NY 10505
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	c/o The Kearney Realty & Development Group Inc.
Owner Company:	Parkview Development & Construction, LLC
Owner Address:	Kenneth Kearney
Owner Addr2:	1777 Route 6
Owner City,St,Zip:	Carmel, NY 10512
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Robert Boyle
Owner Company:	Peekskill Public Library - Field Library
Owner Address:	4 Nelson Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Peekskill, NY 10566
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Kenneth Kearney
Owner Company:	The Lofts on Main Limited Partnership
Owner Address:	34 Clayton Blvd, Suite A
Owner Addr2:	Not reported
Owner City,St,Zip:	Baldwin Place, NY 10505
Owner Country:	United States of America
HW Code:	C360152
Waste Type:	selenium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C360152
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C360152
Waste Type:	chlordane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C360152-10-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2017-12-05 12:39:00
Record Updated:	2017-12-05 12:39:00
Updated By:	DKMACNEA

96
SE
1/4-1/2
0.282 mi.
1490 ft.

FERRIS - TTF
117 NORTH BROAD STREET
PEEKSKILL, NY

NY LTANKS **S105995297**
N/A

Relative:
Lower

Actual:
170 ft.

LTANKS:

Name:	FERRIS - TTF
Address:	117 NORTH BROAD STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0111366 / 2012-04-16
Facility ID:	0111366
Site ID:	128864
Spill Date:	2002-03-01
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D5
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2002-03-01
CID:	282
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-03-01
Spill Record Last Update:	2021-02-11
Spiller Name:	MR FERRIS
Spiller Company:	Ferris residence
Spiller Address:	117 NORTH BROAD STREET
Spiller County:	001
Spiller Contact:	MR FERRIS - OWNER
Spiller Phone:	(914) 739-9344
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	111125
Latitude:	41.2921163
Longitude:	-73.9152246
DEC Memo:	5/13/2010: File review. Report of a tank test failure, non-regulated UST. No indication of contamination or any actual leak noted in the initial report. Letter sent to owner dated 4-1-02 outlining requirements for closure. No further information received. jod 4/16/12 This spill has been closed administratively based on the following: 1) The spill is at least 10 years old 2) It is a Homeowner (non regulated tank) Tank Test Failure 3) There is no indication of an Environmental impact This Closure does not remove the possibility of DEC requiring further work in the future. NFA JO'M
Remarks:	tank failed the test.recommend repair and retest.

All TTF:

Facility ID:	0111366
Spill Number:	0111366
Spill Tank Test:	1526911
Site ID:	128864
Tank Number:	1

FERRIS - TTF (Continued) **S105995297**

Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	128864
Operable Unit ID:	849891
Operable Unit:	01
Material ID:	525397
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

Q97 **GRIFFITHS RESIDENCE** **NY LTANKS** **S106702616**
ENE **1230 SEYMOUR LN** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.286 mi.
1510 ft. **Site 2 of 2 in cluster Q**

Relative:
Higher

Actual:
338 ft.

LTANKS:

Name:	GRIFFITHS RESIDENCE
Address:	1230 SEYMOUR LN
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0405700 / 2004-12-12
Facility ID:	0405700
Site ID:	119376
Spill Date:	2004-08-24
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2004-08-24
CID:	406
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True

GRIFFITHS RESIDENCE (Continued) **S106702616**

UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-08-24
Spill Record Last Update:	2005-03-02
Spiller Name:	CHRIS GRIFFITHS
Spiller Company:	PRIVATE RES
Spiller Address:	1230 SEYMOUR LN
Spiller County:	001
Spiller Contact:	CHRIS GRIFFITHS
Spiller Phone:	(914) 734-1128
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	103695
Latitude:	41.2966950
Longitude:	-73.9142710
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE **TARRYTOWN OFFICE DID NOT RECEIVE THIS SPILL REPORT. ***CORRECTION: TARRYTOWN OFFICE RECEIVED SPILL REPORT FROM R3 NEW PALTZ ON 2-25-05. 12/12/04 ENVIROSTAR REMOVED AND DISPOSED OF TANK. NO EVIDENCE OF LEAK OR CONTAMINATION WAS FOUND. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jbo
Remarks:	Tank Test Failure. Recommend uncover repair and retest.

All TTF:

Facility ID:	0405700
Spill Number:	0405700
Spill Tank Test:	1529584
Site ID:	119376
Tank Number:	2
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	119376
Operable Unit ID:	888448
Operable Unit:	01
Material ID:	486505
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

R98 **OFFICE BUILDING** **NY LTANKS** **S106971727**
SE **1132 MAIN STREET** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.291 mi.
1536 ft. **Site 2 of 2 in cluster R**

Relative: **Lower**

Actual: **156 ft.**

LTANKS:

Name:	OFFICE BUILDING
Address:	1132 MAIN STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0501340 / 2005-06-19
Facility ID:	0501340
Site ID:	344539
Spill Date:	2005-05-03
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2005-05-03
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-05-03
Spill Record Last Update:	2005-06-19
Spiller Name:	JACKIE TROSCLAIR
Spiller Company:	OFFICE BUILDING
Spiller Address:	1132 MAIN STREET
Spiller County:	001
Spiller Contact:	JACKIE TROSCLAIR
Spiller Phone:	(845) 561-1512
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	291227
Latitude:	41.2919110
Longitude:	-73.9165450
DEC Memo:	June 19, 2005: IRA CONKLIN DISPOSED OF LUST AND 8 DRUMS OF CONTAMINATED SOIL. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod
Remarks:	1000 gallon had holes in it found while removing

All Materials:

Site ID:	344539
Operable Unit ID:	1103179
Operable Unit:	01
Material ID:	583384
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00

OFFICE BUILDING (Continued) **S106971727**

Resource Affected: Groundwater
Oxygenate: Not reported

S99 **CLOSED BUSINESS** **NY LTANKS** **S105995689**
SSW **900 MAIN ST** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.295 mi.
1560 ft. **Site 1 of 3 in cluster S**

Relative: **Lower**
Actual: **134 ft.**

LTANKS:

Name:	CLOSED BUSINESS
Address:	900 MAIN ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0200881 / 2006-04-04
Facility ID:	0200881
Site ID:	254874
Spill Date:	2002-04-23
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2002-04-23
CID:	233
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-04-23
Spill Record Last Update:	2006-04-04
Spiller Name:	MAT KELLY
Spiller Company:	CLOSED BUSINESS '
Spiller Address:	900 MAIN S
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	208770
Latitude:	41.2915414
Longitude:	-73.9221013
DEC Memo:	April 4, 2006: CLEAN UP COMPLETED BY NES. SEE SPILL 02-04295. DEC REQUIRES NO FURTHER ACTION AT THIS TIME. jod
Remarks:	u/g tank tank failed test test was performed for a potential buyer

All TTF:

Facility ID:	0200881
Spill Number:	0200881
Spill Tank Test:	1527070
Site ID:	254874
Tank Number:	1
Tank Size:	1000

CLOSED BUSINESS (Continued) **S105995689**

Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	254874
Operable Unit ID:	854328
Operable Unit:	01
Material ID:	522311
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

S100 **APARTMENT COMPLEX** **NY LTANKS** **S105996342**
SSW **900-902 MAIN STREET** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.295 mi.
1560 ft. **Site 2 of 3 in cluster S**

Relative: **Lower**

Actual: **134 ft.**

LTANKS:

Name:	APARTMENT COMPLEX
Address:	900-902 MAIN STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0204295 / 2003-04-08
Facility ID:	0204295
Site ID:	297409
Spill Date:	2002-07-24
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	2002-07-24
CID:	282
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False

APARTMENT COMPLEX (Continued) **S105996342**

Remediation Phase:	0
Date Entered In Computer:	2002-07-24
Spill Record Last Update:	2006-04-04
Spiller Name:	MATTHEW KELLY
Spiller Company:	MATTHEW KELLY-OWNER
Spiller Address:	PO BOX 2653
Spiller County:	001
Spiller Contact:	SCOTT TAYLOR
Spiller Phone:	(914) 741-5472
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	240623
Latitude:	41.2915414
Longitude:	-73.9221013
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 07/24/02 550 GAL UST LOCATED UNDER SIDEWALK. HOLES IN BOTTOM. SOIL SAMPLES COLLECTED. NO GROUNDWATER ENCOUNTERED. 8-27-02 NES IN INOCULTATE SOIL WITH HYDROCARBONOCLASTIC BACTERIA AND AND WILL RESAMPLE THE SOIL BENEATH THE TANK MARCH 2003. 3-31-03 FEBRUARY 14, 2003 SOIL VOC'S WERE NON-DETECTABLE. NFA. TG
Remarks:	LEAKING UNDERGROUND STORAGE TANK

All Materials:

Site ID:	297409
Operable Unit ID:	855455
Operable Unit:	01
Material ID:	518551
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

T101 **BUSINESS** **NY LTANKS S108295763**
South **20 NORTH DIVISION STREET** **NY Spills N/A**
1/4-1/2 **PEEKSKILL, NY**
0.307 mi.
1619 ft. **Site 1 of 2 in cluster T**

Relative: LTANKS:
Lower

Actual:
127 ft.

Name:	COMMERCIAL BUILDING
Address:	20 NORTH DIVISION STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0608998 / 2006-12-01
Facility ID:	0608998
Site ID:	373094
Spill Date:	2006-11-06
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODee

BUSINESS (Continued) **S108295763**

Referred To:	WCDOH
Reported to Dept:	2006-11-06
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-11-06
Spill Record Last Update:	2006-12-01
Spiller Name:	JEAN LUI
Spiller Company:	COMMERCIAL BUILDING
Spiller Address:	20 NORTH DIVSION STREET
Spiller County:	001
Spiller Contact:	JEAN LUI
Spiller Phone:	(914) 734-4975
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	322836
Latitude:	41.2910316
Longitude:	-73.9203285
DEC Memo:	See spill 06-09008. NFA jod
Remarks:	275 gallon tank leaking

All Materials:

Site ID:	373094
Operable Unit ID:	1130817
Operable Unit:	01
Material ID:	2120489
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

SPILLS:

Name:	BUSINESS
Address:	20 NORTH DIVISION STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0609008 / 2007-05-11
Facility ID:	0609008
Facility Type:	ER
DER Facility ID:	322836
Site ID:	373104
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	6012
Spill Date:	2006-11-06
Investigator:	TDGHIOSA

BUSINESS (Continued) **S108295763**

Referred To:	Not reported
Reported to Dept:	2006-11-06
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-11-06
Spill Record Last Update:	2007-05-11
Spiller Name:	KEVIN O'SHEA -TRUSTEE
Spiller Company:	20 NORTH DIVISION LAND TRUST
Spiller Address:	27 LINCOLN RD
Spiller Company:	001
Contact Name:	DISPATCHER 629
Latitude:	41.2910316
Longitude:	-73.9203285
DEC Memo:	11/15/06 Meeting Contacts: Property manager - Bill Lui Trustee - Kevin O'Shea Vincent Pizzella - Building inspector Fire chief - Jim Howard Envirostar - Frank DiBartolo WCHD - Carlos Torres & Chris Lalak Burke Heat Custard Ins. Adjusters (for Burke) - Michael Cariello Frank Dibartolo summarized work performed to date which included the disposal of oil impacted items being stored in the basement, absorption of the oil with speedi dry, removal of the concrete floor in the front of the basement, excavation and stockpiling of impacted soil and installation of an exhaust fan. Odors were still an issue in the travel agency which operates above the basement, so the following items were discussed and to be implented by EnvrioStar. - Remove the impacted soil which is covered but still stockpiled in the basement. - Extend the ventilation piping so that it discharges out of the back of the building instead of below the door to the travel agency. - Continue to excavate impacted soil in front of the basement. - bore through the concrete in the rear of the basement to determine if subsurface soil has been impacted in that area. - Additional work may be required pending the discovery of new information Building Dept and FD to followup on building code violations involving structural defects and electrical wiring issues. TG 04/17/07 Envirostar reported that the cleanup has been completed. 15.21 tons of contaminated soil was excavated and disposed. NFA TG
Remarks:	UNSURE IF TANK FAILED OR IF IT WAS AN OVERFILL; CONTAINED INSIDE THE HOME; NOT YET CLEANED;

All Materials:

Site ID:	373104
Operable Unit ID:	1130827

BUSINESS (Continued) **S108295763**

Operable Unit:	01
Material ID:	2120499
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	275.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

S102 **RICHARD LEINS** **NY LTANKS S109943475**
SSW **840 MAIN STREET** **NY Spills N/A**
1/4-1/2 **PEEKSKILL, NY 10566** **NY SPDES**
0.315 mi.
1661 ft. **Site 3 of 3 in cluster S**

Relative: **Lower**

Actual: **131 ft.**

LTANKS:

Name:	CITY HALL
Address:	840 MAIN ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1207301 / 2012-11-14
Facility ID:	1207301
Site ID:	470351
Spill Date:	2012-10-24
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2012-10-24
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2012-10-24
Spill Record Last Update:	2012-11-14
Spiller Name:	JOE MINNERLY
Spiller Company:	PEEKSKILL CITY HALL
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	KATHY MORGAN
Spiller Phone:	8458553970
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	368801
Latitude:	41.2916916
Longitude:	-73.9225385
DEC Memo:	10-24-12 Called and spoke with Kathy and then Joe Minnerly. They have 5 - 2k tanks on property which all passed except for this one. Air

RICHARD LEINS (Continued) **S109943475**

was heard entering tank. City will be uncovering tank so that US Tank Tech can investigate further to determine cause. Tank is only 10-12 years old so they believe it is a piping problem. Told Joe to make sure they contact WCHD with status once they have determined what the problem is. jm 11/14/2012: Tank passed a retest after piping was repaired. Report entered into eDocs. Based upon the information provided, no further action is required at this time. jod

Remarks: ttf

All Materials:

Site ID:	470351
Operable Unit ID:	1220213
Operable Unit:	01
Material ID:	2218820
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Name:	CITY OF PEEKSKILL CITY HALL
Address:	840 MAIN ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	2205051 / 2022-12-09
Facility ID:	2205051
Site ID:	642230
Spill Date:	2022-09-09
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	D3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2022-09-09
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2022-09-09
Spill Record Last Update:	2022-12-09
Spiller Name:	CARLOS CASTILLO
Spiller Company:	CITY OF PEEKSKILL CITY HALL
Spiller Address:	840 MAIN ST
Spiller County:	999
Spiller Contact:	CARLOS CASTILLO
Spiller Phone:	(914) 406-6002
Spiller Extention:	Not reported
DEC Region:	3

RICHARD LEINS (Continued) **S109943475**

DER Facility ID: 368801
Latitude: Not reported
Longitude: Not reported
DEC Memo: 9-9-22 PBS 3-410578. Steven Shelewet with Westchester Co. was doing an inspection and directed a spill be called in. Water was observed in the interstitial of the 2K tank, which is the only one associated with the facility. only tank at location. USA Tank Tech has been contracted to conduct a tightness test for the inner and outer tank. Test anticipated to be completed 9-12-22. ML 9/12/22 Spoke with US Tank Tech. Technician Came in this morning. Interstitial port was previously pumped dry by outside contractor. No water found in internal tank and interstitial space was confirmed dry. Internal tank tightness tested and failed. Following test, interstitial port contained ~4 of oil water mixture. Interstitial pumped dry again and held tight. City of Peekskill will uncover top of tank and see what repairs can be performed. BAG Update: Tightness Test Performed @ 8:10 AM Interstitial Space Port Test preformed @ 8:45AM Test reports out tomorrow. BAG 9/27/22- Update from UST Tank Tech who performed another test of the tank at this site today: Today the top of the tank had been uncovered and repairs were attempted. The interstitial port had 3 of mixed product - 1 water and 2 oil. Inside of the tank there was 3 of product and some water. The tank was isolated from the lines, retested and failed the test. After the test the interstitial space had more oil in it. This and test results indicate that the internal wall of the tank is compromised. Carlos Castillo from City of Peekskill indicated that they intend to have the tank removed, likely this week. -MS 10/28/22 Gallinger Environmental Management submitted a Tank Closure report to the William Eilbacher from the WCHD. It was an interstitial leak with no contamination detected in the six soil samples taken from the tank grave. Based on the information in the report, NFA. TG
Remarks: 32 inches measured

All TTF:
Facility ID: 2205051
Spill Number: 2205051
Spill Tank Test: 2512590
Site ID: 642230
Tank Number: 1
Tank Size: 2000
Material: 0001
EPA UST: False
UST: True
Cause: 00
Source: 00
Test Method: 34
Test Method 2: EZY 3 Locator Plus
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: JBODEE
Last Modified Date: Not reported

All Materials:
Site ID: 642230
Operable Unit ID: 1389247
Operable Unit: 01
Material ID: 2404248

RICHARD LEINS (Continued) **S109943475**

Material Code:	0060A
Material Name:	wastewater
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported
Site ID:	642230
Operable Unit ID:	1389247
Operable Unit:	01
Material ID:	2404251
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

SPILLS:

Name:	CITY OF PEEKSKILL CITY HALL
Address:	840 MAIN ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0907246 / 2009-09-28
Facility ID:	0907246
Facility Type:	ER
DER Facility ID:	368801
Site ID:	419749
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	E3
SWIS:	6012
Spill Date:	2009-09-28
Investigator:	JPCUMMIN
Referred To:	Not reported
Reported to Dept:	2009-09-28
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-09-28
Spill Record Last Update:	2009-09-28
Spiller Name:	JOE MINELELY
Spiller Company:	CITY OF PEEKSKILL CITY HALL
Spiller Address:	840 MAIN ST

RICHARD LEINS (Continued) **S109943475**

Spiller Company:	999
Contact Name:	JOE MINELELY
Latitude:	41.2916916
Longitude:	-73.9225385
DEC Memo:	9-28-09 CP failure only. jc
Remarks:	CATHODIC FAILED

All Materials:

Site ID:	419749
Operable Unit ID:	1175760
Operable Unit:	01
Material ID:	2168396
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

SPDES:

Name:	Richard Leins
Address:	840 MAIN STREET
City,State,Zip:	PEEKSKILL, NY 10566
Permit Number:	NYR20A310
State-Region:	3
Expiration Date:	Not reported
Current Major Minor Status:	Not reported
Primary Facility SIC Code:	Not reported
State Water Body Name:	Not reported
Limit Set Status Flag:	Not reported
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	Not reported
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	Not reported

Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Not reported
Non-Gov Facility Org Formal Name:	Not reported
Non-Gov Facility Street Address:	Not reported
Non-Gov Facility Supplemental Location:	Not reported
Non-Gov Facility City:	Not reported
Non-Gov Facility State Code:	Not reported

RICHARD LEINS (Continued) **S109943475**

Non-Gov Facility Zip Code:	Not reported
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Facility Type:	Not reported

---

103 **SPILL NUMBER 0006912** **NY LTANKS** **S104782271**
SSE **1049 PARK ST** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.319 mi.
1685 ft.

Relative: LTANKS:
Lower

Actual:
146 ft.

Name:	SPILL NUMBER 0006912
Address:	1049 PARK ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0006912 / 2000-11-14
Facility ID:	0006912
Site ID:	62501
Spill Date:	2000-09-08
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2000-09-12
CID:	270
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-09-12
Spill Record Last Update:	2000-11-21
Spiller Name:	BRUCE FLOWER
Spiller Company:	BRUCE FLOWER
Spiller Address:	1049 PARK ST
Spiller County:	001
Spiller Contact:	BRUCE FLOWER
Spiller Phone:	(914) 737-7300
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	60583
Latitude:	41.2907595
Longitude:	-73.9174923
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 11/14/2000 NORTHEAST DISPOSED OF TANK AND 20.45 TONS OF CONTAMINATED SOIL. NFA
Remarks:	contaminated soil discovered from tank remoavl. all soil removed

SPILL NUMBER 0006912 (Continued) **S104782271**

All Materials:

Site ID:	62501
Operable Unit ID:	827779
Operable Unit:	01
Material ID:	548019
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

T104 **HERSH & HERSH** **NY LTANKS** **S105996743**
South **2 SOUTH DIVISION ST** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.322 mi.
1699 ft. **Site 2 of 2 in cluster T**

Relative: **Lower**

Actual: **126 ft.**

LTANKS:

Name:	HERSCH & HERSCH
Address:	2 SOUTH DIVISION ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0206128 / 2006-11-01
Facility ID:	0206128
Site ID:	139292
Spill Date:	2002-09-13
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2002-09-13
CID:	257
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-09-13
Spill Record Last Update:	2006-11-01
Spiller Name:	ISABELL GALLOW
Spiller Company:	HERSCH & HERSCH
Spiller Address:	2 S DIVISION ST
Spiller County:	001
Spiller Contact:	ISABELL GALLOW
Spiller Phone:	(914) 737-0270
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	87437

HERSH & HERSH (Continued) **S105996743**

Latitude:	41.2906241
Longitude:	-73.9203370
DEC Memo:	SEE SPILL 02-11110. NFA jod
Remarks:	uncover repair retest

All Materials:

Site ID:	139292
Operable Unit ID:	858626
Operable Unit:	01
Material ID:	516740
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	HERSH & HERSH
Address:	2 SOUTH DIVISION ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0211110 / 2003-05-05
Facility ID:	0211110
Site ID:	98245
Spill Date:	2003-02-05
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2003-02-05
CID:	297
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-02-05
Spill Record Last Update:	2003-06-27
Spiller Name:	ISABELLE
Spiller Company:	HERSH & HERSH
Spiller Address:	2 SOUTH DIVISION ST
Spiller County:	001
Spiller Contact:	ISABELLE
Spiller Phone:	(914) 737-0270
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	87437
Latitude:	41.2906241
Longitude:	-73.9203370
DEC Memo:	Not reported

HERSH & HERSH (Continued) **S105996743**

Remarks: CALLER JUST RECIEVED SAMPLE RESULTS TAKEN FROM TANK REMOVAL AT TEH ABOVE LOCATION - SAMPLES WERE TAKEN 1/22/03 - NO CLEAN UP SCHEDULE, THE CONTAMINATION WAS BELOW THE STANDARD

All Materials:

Site ID:	98245
Operable Unit ID:	862151
Operable Unit:	01
Material ID:	514471
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

---

105 PRIVATE RESD **NY LTANKS S110769422**
WSW 800 PAULDING STREET **N/A**
1/4-1/2 PEEKSKILL, NY
0.323 mi.
1708 ft.

Relative: Higher

Actual: 194 ft.

LTANKS:

Name:	PRIVATE RESD
Address:	800 PAULDING STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1012889 / 2013-06-06
Facility ID:	1012889
Site ID:	447188
Spill Date:	2011-03-26
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2011-03-26
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2011-03-26
Spill Record Last Update:	2013-06-06
Spiller Name:	ANTHONY CANNIZZARO
Spiller Company:	PRIVATE RESD
Spiller Address:	800 PAULDING ST
Spiller County:	999
Spiller Contact:	ANTHONY CANNIZZARO
Spiller Phone:	(845) 226-6666

PRIVATE RESD (Continued) **S110769422**

Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	401796
Latitude:	41.2936217
Longitude:	-73.9251986
DEC Memo:	3/28/11 Tank was tested as part of a real estate transaction....mm 6/6/2013: Tank passed a retest after piping was removed. Soil borings tested for TPH were ND. Report entered into eDocs. Based upon the information provided, no further action is required at this time. jod
Remarks:	Test failure. Cleanup, repair, removal pending owner action. House is under realeaste company control.

All Materials:

Site ID:	447188
Operable Unit ID:	1197318
Operable Unit:	01
Material ID:	2193600
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

U106 **CONDO COMPLEX** **NY LTANKS S106124328**
NE **1 ROLLING WAY** **NY Spills N/A**
1/4-1/2 **PEEKSKILL, NY**
0.341 mi.
1798 ft. **Site 1 of 3 in cluster U**

Relative:
Higher

Actual:
298 ft.

LTANKS:

Name:	HILLCREST CONDOS
Address:	1 ROLLING WAY
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0308445 / 2003-12-16
Facility ID:	0308445
Site ID:	213339
Spill Date:	2003-09-09
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODEE
Referred To:	WESTCHESTER CNTY HEALTH DEPT
Reported to Dept:	2003-11-10
CID:	281
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0

CONDO COMPLEX (Continued) **S106124328**

Date Entered In Computer:	2003-11-10
Spill Record Last Update:	2024-05-31
Spiller Name:	LOU BATIALLE
Spiller Company:	VIP MANAGMENT
Spiller Address:	28 NORTH MALCOM ST
Spiller County:	001
Spiller Contact:	LOU BATIALLE
Spiller Phone:	(914) 762-8772
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	176748
Latitude:	41.2998653
Longitude:	-73.9145348
DEC Memo:	TANK PASSED RETEST ON 12/8/03. CLOSED BY DANIELLE JACKSON OF WCHD.
Remarks:	Tank test failure at above location. Repairs to vent pipe at time of call.

All TTF:

Facility ID:	0308445
Spill Number:	0308445
Spill Tank Test:	1528795
Site ID:	213339
Tank Number:	1
Tank Size:	2000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	213339
Operable Unit ID:	876935
Operable Unit:	01
Material ID:	501941
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

SPILLS:

Name:	CONDO COMPLEX
Address:	1 ROLLING WAY
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0807780 / 2011-11-21

CONDO COMPLEX (Continued) **S106124328**

Facility ID:	0807780
Facility Type:	ER
DER Facility ID:	354697
Site ID:	405144
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	6012
Spill Date:	2008-10-09
Investigator:	jbodee
Referred To:	WCDOH
Reported to Dept:	2008-10-09
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Non Major Facility > 1,100 gal
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2008-10-09
Spill Record Last Update:	2011-11-21
Spiller Name:	Not reported
Spiller Company:	HILL CREST PARK CONDO COMPLEX
Spiller Address:	ROLLING WAY
Spiller Company:	999
Contact Name:	LOIUS BATAILLE
Latitude:	41.2998342
Longitude:	-73.9145289
DEC Memo:	TRC to be sent to White Plains and WCDOH when clean up is completed. jod 8/4/10: Remedial Phase updated. jod 11/21/11: Closure report from New England Tank was submitted to WCDOH PBS - see eDocs. DEC requires no further action at this time. jod
Remarks:	Removed a leaky tank - has a hazmat cleaner on stand by.

All Materials:

Site ID:	405144
Operable Unit ID:	1161779
Operable Unit:	01
Material ID:	2152982
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

U107 **PBS** **NY LTANKS** **S105997602**
NE **5 ROLLING WAY** **NY AST** **N/A**
1/4-1/2 **PEEKSKILL, NY** **NY Spills**
0.341 mi.
1802 ft. **Site 2 of 3 in cluster U**

Relative:
Higher

Actual:
299 ft.

LTANKS:

Name:	HILLCREST APARTMENT
Address:	5 ROLLING WAY
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0701505 / 2011-11-30
Facility ID:	0701505
Site ID:	381032
Spill Date:	2007-05-07
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2007-05-07
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2007-05-07
Spill Record Last Update:	2011-11-30
Spiller Name:	LOU
Spiller Company:	HILLCREST APR
Spiller Address:	5 ROLLING WAY
Spiller County:	001
Spiller Contact:	LOU
Spiller Phone:	(914) 762-8772
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	268000
Latitude:	41.2998400
Longitude:	-73.9145159
DEC Memo:	EIR 8/4/10: Database review, report of a residential tank test failure. Unknown if any action was taken. No further information received. jod 11/30/11: The closure report for this spill was submitted under Spill number 0807780. Sebastian Bimonte from WCDOH reviewed PBS registration info, confirmed this was the same tank. The initial reported listed address as 1 Rolling Way, it was PBS Tank #1 which serviced Building #5. No further action is required at this time. jod
Remarks:	PBS No: 3-600566 -PBS No. not found in UIS, may be invalid.

All TTF:

Facility ID:	0701505
Spill Number:	0701505
Spill Tank Test:	1550818
Site ID:	381032
Tank Number:	1
Tank Size:	2000

PBS (Continued) **S105997602**

Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	381032
Operable Unit ID:	1138498
Operable Unit:	01
Material ID:	2128492
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	TANK 7 TTF
Address:	5 ROLLING WAY
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	2100456 / 2021-06-22
Facility ID:	2100456
Site ID:	618133
Spill Date:	2021-04-15
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	BTRANSOM
Referred To:	Not reported
Reported to Dept:	2021-04-15
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2021-04-15
Spill Record Last Update:	2021-06-22
Spiller Name:	ROBERT FERRARA
Spiller Company:	FERRARA MANAGEMENT GROUP
Spiller Address:	80 BUSINESS PARK DRIVE SUITE 307
Spiller County:	999

PBS (Continued) **S105997602**

Spiller Contact:	Carey LEAVER
Spiller Phone:	(203) 410-5379
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	268000
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	4/15/21 Ullage failure. Will retest. Tank is vaulted and partially buried, according to caller. dw 4/20/21: Update received from Chris Lalak at WCDOH PBS: TTF at PBS site 3-600566 2K ust from 1977 tank #7 Hillcrest Park Condos 5 rolling way Peekskill, It is registered as an Underground tank and tested annually. This appears to be an inaccessible vault of some kind? The tank is located outside and made of concrete blocks. I don t have a clear understanding yet. They are setting up a temp tank, but I am still trying to reach the Mnging agent for the complete information. Absolute tank testing did the test and I spoke with them. I spoke with the super on site as well. jod 06-10-21 Spoke with ferrara management group. The manager for Rolling Way is Lee Schmidt (lschmidt@ferraramgmt.com). Lee to provide tank test update. BTR 06-14-21 Update from WCHD Elite has a permit to remove this tank (#7) (5-24-21). No removal date scheduled yet BTR 06-16-21 2102501 opened today. Elite is removing the tank. BTR 06-17-21 Site inspection by BR. Tank has been replaced. Elite has excavated down to bed rock. No groundwater encountered. Closure report is forthcoming. BTR 06-22-21 Closing spill and referring to spill 2102501. NFA. BTR
Remarks:	PSB: 3-600566 TANK 7 FAILURE ONLY NO SPILL

All TTF:

Facility ID:	2100456
Spill Number:	2100456
Spill Tank Test:	2509106
Site ID:	618133
Tank Number:	Not reported
Tank Size:	2000
Material:	0001
EPA UST:	False
UST:	True
Cause:	06
Source:	01
Test Method:	73
Test Method 2:	U3 Ullage Test (Pressure & Vacuum Test)
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	DXWEITZ
Last Modified Date:	Not reported

All Materials:

Site ID:	618133
Operable Unit ID:	1365301
Operable Unit:	01
Material ID:	2377822
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported

PBS (Continued) **S105997602**

Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Name: HILLCREST PARK CONDOS
Address: 5 ROLLING WAY
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 0209378 / 2003-04-24
Facility ID: 0209378
Site ID: 304674
Spill Date: 2002-11-12
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 6012
Investigator: JBODEE
Referred To: WESTCHESTER CNTY HEALTH DEPT
Reported to Dept: 2002-12-12
CID: 204
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2002-12-12
Spill Record Last Update: 2014-08-07
Spiller Name: VIP MANAGEMENT COMPANY
Spiller Company: HILLCREST PARK CONDOS
Spiller Address: 5 ROLLING WAY
Spiller County: 001
Spiller Contact: CAREY LEAVER
Spiller Phone: (203) 876-7430
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 268000
Latitude: 41.2998741
Longitude: -73.9145108
DEC Memo: Not reported
Remarks: TANK TEST FAILURE AT BUILDING 8

All TTF:
Facility ID: 0209378
Spill Number: 0209378
Spill Tank Test: 1527819
Site ID: 304674
Tank Number: Not reported
Tank Size: 2000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03

PBS (Continued) **S105997602**

Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 304674
Operable Unit ID: 860744
Operable Unit: 01
Material ID: 516352
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

Name: HILLCREST PARK CONDOS
Address: 5 ROLLING WAY
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 9901569 / 2000-02-07
Facility ID: 9901569
Site ID: 304675
Spill Date: 1999-05-07
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: D4
Cleanup Ceased: Not reported
SWIS: 6012
Investigator: JBODEE
Referred To: WESTCHESTER CNTY HEALTH DEPT
Reported to Dept: 1999-05-10
CID: 233
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1999-05-10
Spill Record Last Update: 2014-08-07
Spiller Name: LOU CATAILLE
Spiller Company: Condo Management
Spiller Address: 5 ROLLING WAY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 268000
Latitude: 41.2998741

PBS (Continued) **S105997602**

Longitude: -73.9145108
DEC Memo: Not reported
Remarks: apt complex 3 u/g tanks located near corasponding building numbers tester has recommended removal of the tanks

All TTF:
Facility ID: 9901569
Spill Number: 9901569
Spill Tank Test: 1547160
Site ID: 304675
Tank Number: 4
Tank Size: 2000
Material: Not reported
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 18
Test Method 2: Alert Model 1000 plus 1050 (Formerly Gilbarco Precision)
Leak Rate: .00
Gross Fail: F
Modified By: Spills
Last Modified Date: Not reported

Facility ID: 9901569
Spill Number: 9901569
Spill Tank Test: 1547161
Site ID: 304675
Tank Number: 09
Tank Size: 2000
Material: Not reported
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 18
Test Method 2: Alert Model 1000 plus 1050 (Formerly Gilbarco Precision)
Leak Rate: .00
Gross Fail: F
Modified By: Spills
Last Modified Date: Not reported

Facility ID: 9901569
Spill Number: 9901569
Spill Tank Test: 1547162
Site ID: 304675
Tank Number: 10
Tank Size: 2000
Material: Not reported
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 18
Test Method 2: Alert Model 1000 plus 1050 (Formerly Gilbarco Precision)
Leak Rate: .00
Gross Fail: F
Modified By: Spills

PBS (Continued) **S105997602**

Last Modified Date: Not reported

All Materials:
Site ID: 304675
Operable Unit ID: 1076352
Operable Unit: 01
Material ID: 305105
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

Name: PBS
Address: 5 ROLLING WAY
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 0408134 / 2005-01-04
Facility ID: 0408134
Site ID: 332784
Spill Date: 2004-10-20
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 6012
Investigator: JBODee
Referred To: WCHD
Reported to Dept: 2004-10-22
CID: 407
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2004-10-22
Spill Record Last Update: 2005-01-04
Spiller Name: LOU BATAILLE
Spiller Company: Not reported
Spiller Address: 5 ROLLING WAY
Spiller County: 001
Spiller Contact: LOU BATAILLE
Spiller Phone: (914) 762-8772
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 268000
Latitude: 41.2998630
Longitude: -73.9145090
DEC Memo: 01/04/05 TANK PASSED A RETEST AFTER PIPING WAS REPAIRED. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jbo

PBS (Continued) **S105997602**

Remarks: PBS No: 3-600566

All TTF:

Facility ID:	0408134
Spill Number:	0408134
Spill Tank Test:	1548275
Site ID:	332784
Tank Number:	5
Tank Size:	2000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

Name:	HILLCREST CONDOS - TTF
Address:	5 ROLLING WAY
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1505119 / 2015-09-01
Facility ID:	1505119
Site ID:	512468
Spill Date:	2015-08-12
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	RDBENDEL
Referred To:	Not reported
Reported to Dept:	2015-08-12
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2015-08-12
Spill Record Last Update:	2015-09-01
Spiller Name:	LAURA GREEN
Spiller Company:	Hillcrest Park Condos
Spiller Address:	5 ROLLING WAY
Spiller County:	999
Spiller Contact:	Laura
Spiller Phone:	(914) 698-4100
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	268000
Latitude:	Not reported
Longitude:	Not reported

PBS (Continued) **S105997602**

DEC Memo: 8/13/15: TTF at PBS 3-600566. WCDoH will follow up on retest and update DEC. jod 9-1-15 retested failed 15-05443, then repaired and retested passed NFA RDB
Remarks: tank number 9 2000 gallon underground pbs 3-600566

All TTF:
Facility ID: 1505119
Spill Number: 1505119
Spill Tank Test: 2498305
Site ID: 512468
Tank Number: 9
Tank Size: 2000
Material: 0001
EPA UST: False
UST: True
Cause: 99
Source: 00
Test Method: 21
Test Method 2: Horner EZY3/EZY3 Locator Plus
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: JBODEE
Last Modified Date: Not reported

All Materials:
Site ID: 512468
Operable Unit ID: 1261726
Operable Unit: 01
Material ID: 2265173
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Name: HILLCREST PARK CONDO
Address: 5 ROLLING WAY
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 1404944 / 2015-02-24
Facility ID: 1404944
Site ID: 498349
Spill Date: 2014-08-06
Spill Cause: Tank Test Failure
Spill Source: Non Major Facility > 1,100 gal
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6012
Investigator: RDBENDEL
Referred To: Not reported
Reported to Dept: 2014-08-06
CID: Not reported
Water Affected: Not reported

PBS (Continued) **S105997602**

Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-08-06
Spill Record Last Update:	2015-02-24
Spiller Name:	BRIAN CONNEL
Spiller Company:	HILLCREST PARK CONDO
Spiller Address:	5 ROLLING WAY
Spiller County:	999
Spiller Contact:	BRIAN CONNEL
Spiller Phone:	(914) 698-4100
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	268000
Latitude:	41.2998400
Longitude:	-73.9145159
DEC Memo:	8-6-14 Spoke with Kathy. Tanks tested for annual WCHD compliance. Tank registration numbers match bldg numbers(ex Tank 4 is at bldg 4). All 3 tanks installed in 1977. There are more tanks on site-1 not tested yet and others passed. jc 2-15 tanks retested, report under review, forwarded to WCHD 2-15 WCHD ok. NFA RDB
Remarks:	(3) 2000 GALLONS TANKS FAILED. BLD, 4, 6.& 8

All TTF:

Facility ID:	1404944
Spill Number:	1404944
Spill Tank Test:	2495753
Site ID:	498349
Tank Number:	4
Tank Size:	2000
Material:	0001
EPA UST:	False
UST:	True
Cause:	99
Source:	00
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	JBODEE
Last Modified Date:	Not reported

Facility ID:	1404944
Spill Number:	1404944
Spill Tank Test:	2495754
Site ID:	498349
Tank Number:	6
Tank Size:	2000
Material:	0001
EPA UST:	False
UST:	True
Cause:	99
Source:	00
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus

PBS (Continued) **S105997602**

Leak Rate: Not reported
Gross Fail: Not reported
Modified By: JBODEE
Last Modified Date: Not reported

Facility ID: 1404944
Spill Number: 1404944
Spill Tank Test: 2495755
Site ID: 498349
Tank Number: 8
Tank Size: 2000
Material: 0001
EPA UST: False
UST: True
Cause: 99
Source: 00
Test Method: 21
Test Method 2: Horner EZY3/EZY3 Locator Plus
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: JBODEE
Last Modified Date: Not reported

All Materials:
Site ID: 498349
Operable Unit ID: 1247801
Operable Unit: 01
Material ID: 2249121
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

WESTCHESTER CO. AST:
Name: HILLCREST PARK CONDOMINIUM GROUP V, INC.
Address: 5 ROLLING WAY
City,State,Zip: PEEKSKILL, NY 10566
PBS Number: 3-600566
Site Status: Active
GDS Number: Not reported
Operator Name: Ray Sanchez
Owner Name: Hillcrest Park Condominium Group V, Inc.
Owner Street: 5 Rolling Way
Owner Address2: Not reported
Owner City/State/Zip: Peekskill, NY 10566

Tank Number: 13 (7 Bldg)
Status: 1. In-Service
Date Installation: 06/16/2021
Capacity: 2000

PBS (Continued) **S105997602**

Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	Not reported
Tank Leak Detection:	2. Manual Interstitial Monitoring
Tank Secondary Containment:	12. Double-Walled (AST only)
Piping Location:	1. Aboveground
Piping Type:	10. Copper
Piping External Protection:	Not reported
Piping Leak Detection:	0. None
Piping Secondary Containment:	0. None
Overfill Prevention:	5. Vent Whistle
Spill Prevention:	0. None
Dispenser:	Not reported

SPILLS:

Name:	HILLCREST PARK - PBS
Address:	5 ROLLING WAY
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	2206901 / 2023-02-13
Facility ID:	2206901
Facility Type:	ER
DER Facility ID:	268000
Site ID:	645153
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	6012
Spill Date:	2022-11-11
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2022-11-11
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2022-11-11
Spill Record Last Update:	2023-02-13
Spiller Name:	Not reported
Spiller Company:	Hillcrest Park Condo Group
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	DAVID WRIGHT
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	11/11/22 Left message requesting call back. jc 11/12/22 Call back from David. He is attorney for condo complex. He was notified by his client of a potential issue with

PBS (Continued) **S105997602**

tank 5, located at building
5. Facility is registered 3-600566. Tank 5 is 2000 gallon UST installed 8/1977. Tank reportedly
currently has 18 gallons of product, which is not consistent with other tanks filled at the same
day. Last delivery date is unknown, but other tanks filled same day apparently display enough of a
discrepancy to cause report. When asked if facility has begun any investigative steps yet, David
offers he will be going to site Monday. Tank will be pumped out and then he says tank test will be
performed to determine tank integrity. He says he suspects Elite Env will likely be used as
facility used them for a past incident of similar nature that involved UST being removed and
remedial action. David says facility did not report any confirmation of a release when they
reported to him. David to report to County spill number today. He also says he will be primarily
contact for incident. Email is best method of contact - dwright@davidwrightlaw.us jc 11/14/22
Emailed Chris and Natasha on Saturday with some details. Also requested a FIR. jc 11/14/22 Update:
FIR received from Chris/WCHD. Chris spoke with David and said that tank has been emptied and a temp
set-up. Tank to be tested ASAP. They are also looking into the possibility that a spill has not
occurred and that delivery may have been missed. jc 11/21/22 Coverpage of a Mesa 2D Tank Test
received from David. Forwarded to TG and Chris/WCHD. Provided opinion for their consideration. jc
02/13/23 Full ScanPro report entered in DecDocs. Test passed. NFA> TG

Remarks: low level on tank/ believed to be leaking/ no clean up yet

All Materials:

Site ID:	645153
Operable Unit ID:	1392146
Operable Unit:	01
Material ID:	2407453
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	HILLCREST PARK CONDOS
Address:	5 ROLLING WAY
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1505443 / 2015-09-01
Facility ID:	1505443
Facility Type:	ER
DER Facility ID:	268000
Site ID:	512807

PBS (Continued) **S105997602**

DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	6012
Spill Date:	2015-08-20
Investigator:	RDBENDEL
Referred To:	Not reported
Reported to Dept:	2015-08-20
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2015-08-20
Spill Record Last Update:	2015-09-01
Spiller Name:	LAURA GRECO
Spiller Company:	HILLCREST
Spiller Address:	5 ROLLING WAY
Spiller Company:	999
Contact Name:	LAURA
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	8/20/15 - PBS regulated tank. Westchester County DOH to conduct the inspection. KAB 9-1-15 this was a retest of spill 1505119, after this one they repaired it and it passed a retest NFA RDB
Remarks:	Tank test failure. Tank #9, 2000 gallon. PBS # 3-600566

All Materials:

Site ID:	512807
Operable Unit ID:	1262055
Operable Unit:	01
Material ID:	2265551
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

U108 **CONDO** **NY LTANKS** **S108059302**
NE **5 ROLLING WAY BLDG #2** **NY Spills** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.341 mi.
1802 ft. **Site 3 of 3 in cluster U**

Relative:
Higher

Actual:
299 ft.

LTANKS:

Name:	HILLCREST PARK CONDOS
Address:	5 ROLLING WAY BLDG #2
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0602895 / 2007-01-29
Facility ID:	0602895
Site ID:	365477
Spill Date:	2006-06-15
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODee
Referred To:	WCDOH
Reported to Dept:	2006-06-15
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-06-15
Spill Record Last Update:	2007-01-29
Spiller Name:	LOU BATAILLE
Spiller Company:	HILLCREST PARK CONDOS
Spiller Address:	5 ROLLING WAY BLDG#2
Spiller County:	001
Spiller Contact:	LOU BATAILLE
Spiller Phone:	(914) 762-8772
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	315607
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	06/19/06: WCPBS LEFT MESSAGE WITH SPILLER. TANK HAS BEEN UNCOVERED. WILL BE REPAIRED AND RETESTED. RESULTS WILL BE SENT TO HEALTH DEPT. JOD. 01/29/07 Tank passed re-test. NFA jod
Remarks:	ULIDGE LEAK TANKIS TAKING ON WATER: NO STAINING WETNESS OR ODOR FOUND

All TTF:

Facility ID:	0602895
Spill Number:	0602895
Spill Tank Test:	1550057
Site ID:	365477
Tank Number:	1
Tank Size:	2000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported

CONDO (Continued) **S108059302**

Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified Date: Not reported

All Materials:
Site ID: 365477
Operable Unit ID: 1123493
Operable Unit: 01
Material ID: 2112952
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

SPILLS:
Name: CONDO
Address: 5 ROLLING WAY BLDG #2
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 0702101 / 2009-11-05
Facility ID: 0702101
Facility Type: ER
DER Facility ID: 315607
Site ID: 381751
DEC Region: 3
Spill Cause: Equipment Failure
Spill Class: C1
SWIS: 6012
Spill Date: 2007-05-21
Investigator: jkomara
Referred To: Not reported
Reported to Dept: 2007-05-21
CID: 444
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: Not reported
Remediation Phase: 0
Date Entered In Computer: 2007-05-21
Spill Record Last Update: 2009-11-05
Spiller Name: LOU BATAILLE
Spiller Company: CONDO
Spiller Address: 5 ROLLING WAY BLDG#2
Spiller Company: 001

CONDO (Continued) **S108059302**

Contact Name: LOU BATAILLE
Latitude: Not reported
Longitude: Not reported
DEC Memo: 11/05/09 tcfr REVIEWED bY wchd nfa jo'm
Remarks: 2000 GALLON TANK HAD HOLES AND CONTAMINATED SOIL

All Materials:
Site ID: 381751
Operable Unit ID: 1139185
Operable Unit: 01
Material ID: 2129196
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

V109 **VEHICLE** **NY LTANKS S106000833**
SW **828 MAIN ST** **NY Spills N/A**
1/4-1/2 **PEEKSKILL, NY**
0.342 mi.
1808 ft. **Site 1 of 3 in cluster V**

Relative: LTANKS:
Lower
Actual: Name: VEHICLE
130 ft. Address: 828 MAIN ST
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 0512538 / 2006-01-30
Facility ID: 0512538
Site ID: 358856
Spill Date: 2006-01-28
Spill Cause: Tank Failure
Spill Source: Passenger Vehicle
Spill Class: E6
Cleanup Ceased: Not reported
SWIS: 6014
Investigator: MBMASTRO
Referred To: Not reported
Reported to Dept: 2006-01-28
CID: 64
Water Affected: Not reported
Spill Notifier: Fire Department
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2006-01-30
Spill Record Last Update: 2006-02-07
Spiller Name: Not reported
Spiller Company: UNKNOWN TAXI
Spiller Address: Not reported
Spiller County: 001

VEHICLE (Continued) **S106000833**

Spiller Contact:	LARRY - FIRE CHIEF
Spiller Phone:	(914) 490-9655
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	299400
Latitude:	41.2913750
Longitude:	-73.9234190
DEC Memo:	1/30/06 Mastro confirmed clean-up NFA
Remarks:	Ruptured gas tank on a taxi. All has been cleaned up by Fire Dept.

All Materials:

Site ID:	358856
Operable Unit ID:	1116083
Operable Unit:	01
Material ID:	2106218
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	20.00
Resource Affected:	Soil
Oxygenate:	Not reported

SPILLS:

Name:	SPILL NUMBER 0110509
Address:	828 MAIN ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0110509 / 2002-02-01
Facility ID:	0110509
Facility Type:	ER
DER Facility ID:	103912
Site ID:	119632
DEC Region:	3
Spill Cause:	Traffic Accident
Spill Class:	C4
SWIS:	6012
Spill Date:	2002-02-01
Investigator:	VPMCCABE
Referred To:	Not reported
Reported to Dept:	2002-02-01
CID:	246
Water Affected:	Not reported
Spill Source:	Passenger Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-02-01
Spill Record Last Update:	2002-02-07
Spiller Name:	WAYNE SCOTT
Spiller Company:	WAYNE L SCOTT

VEHICLE (Continued) **S106000833**

Spiller Address:	16B DUNBAR HTS
Spiller Company:	001
Contact Name:	CALLER
Latitude:	41.2913825
Longitude:	-73.9234176
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was MCCABE 02/01/2002 F.D. RESPONDING & HANDLING SPILL CLEANUP. NO FURTHER ACTION.
Remarks:	CAR ACCIDENT CAUSED RUPTURE TO FUEL TANK RELEASING GASOLINE WHICH RAN DOWN INTO STORM SEWER

All Materials:

Site ID:	119632
Operable Unit ID:	847583
Operable Unit:	01
Material ID:	528132
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	.00
Resource Affected:	Sewer
Oxygenate:	Not reported

Name:	TRAFFIC ACCIDENT
Address:	828 MAIN ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0506840 / 2005-09-06
Facility ID:	0506840
Facility Type:	ER
DER Facility ID:	103912
Site ID:	352106
DEC Region:	3
Spill Cause:	Traffic Accident
Spill Class:	C4
SWIS:	6012
Spill Date:	2005-09-05
Investigator:	RDBENDEL
Referred To:	Not reported
Reported to Dept:	2005-09-05
CID:	38
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2005-09-06
Spill Record Last Update:	2005-09-07
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported

VEHICLE (Continued) **S106000833**

Spiller Company: 001
Contact Name: PEEKSKILL FIRE CHIEF
Latitude: 41.2913750
Longitude: -73.9234190
DEC Memo: Not reported
Remarks: traffic accident caused a pole w/ transformer to fall to the ground. 25 of the 50 gallons of transformer oil went into the sewer. Con edison is on the scene. UPDATE FROM CON ED- SCHLEGAL 212 580 8383 - 63 GALLONS TOTAL -NON PCB

All Materials:
Site ID: 352106
Operable Unit ID: 1109618
Operable Unit: 01
Material ID: 2099627
Material Code: 0020A
Material Name: transformer oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 50.00
Units: G
Recovered: .00
Resource Affected: Sewer
Oxygenate: Not reported

W110 **CON EDISON - CENTRAL AVE WORKS-PEEK. MGP** **EDR MGP** **1008408015**
SSW **900 CENTRAL AVE. AND 901 MAIN ST.** **N/A**
1/4-1/2 **PEEKSKILL, NY 10566**
0.345 mi.
1819 ft. **Site 1 of 5 in cluster W**

Relative: EDR MGP:
Lower No additional information available
Actual:
118 ft.

V111 **BOHLMANN TOWERS** **NY LTANKS** **S100140364**
SW **807 MAIN STREET** **NY AST** **N/A**
1/4-1/2 **PEEKSKILL, NY** **NY Spills**
0.349 mi.
1844 ft. **Site 2 of 3 in cluster V**

Relative: LTANKS:
Lower
Name: HOUSING COMPLEX
Actual: Address: 807 MAIN STREET
127 ft. City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 0811079 / 2013-11-14
Facility ID: 0811079
Site ID: 408630
Spill Date: 2009-01-06
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6012
Investigator: RDBENDEL

BOHLMANN TOWERS (Continued) **S100140364**

Referred To:	WCDOH / PBS 3-800097
Reported to Dept:	2009-01-06
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2009-01-06
Spill Record Last Update:	2013-11-14
Spiller Name:	ART MCDONOUGH
Spiller Company:	HOUSING COMPLEX
Spiller Address:	807 MAIN ST
Spiller County:	999
Spiller Contact:	ART MCDONOUGH
Spiller Phone:	(914) 739-1700
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	109451
Latitude:	41.2907616
Longitude:	-73.9240485
DEC Memo:	Spoke with Kathy. Two - 8K tanks were tested and one of them was hissing. They will uncover to look for problem, repair and retest. They will send results to WCHD and copy to J. O'Dee. jm 11-7-13 email Tank removed by Conklin. Previous soil borings by Dutchess found concrete below tank w/o contam. Conklin to fax cr by 11/3/09 request TCR and FIR RDB
Remarks:	Caller states they performed a EZ-3 test and had a failure. No spill or resources affected.

All Materials:

Site ID:	408630
Operable Unit ID:	1165153
Operable Unit:	01
Material ID:	2156554
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Name:	BOHLMANN TOWERS
Address:	807 MAIN STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	8802623 / 2005-04-17
Facility ID:	8802623
Site ID:	153673
Spill Date:	1988-06-22
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	D4

BOHLMANN TOWERS (Continued) **S100140364**

Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	WXWADSWO
Referred To:	Not reported
Reported to Dept:	1988-06-22
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-03-23
Spill Record Last Update:	2005-04-17
Spiller Name:	Not reported
Spiller Company:	PEEKSKILL HOUSING AUTHORI
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	109451
Latitude:	41.2911972
Longitude:	-73.9238268
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH See Spill 94-13703
Remarks:	2-8K TANKS TESTS FAILED AT GROSS LEAK.

All TTF:

Facility ID:	8802623
Spill Number:	8802623
Spill Tank Test:	1534172
Site ID:	153673
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	153673
Operable Unit ID:	917956
Operable Unit:	01
Material ID:	458191
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported

BOHLMANN TOWERS (Continued) **S100140364**

Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

WESTCHESTER CO. AST:

Name:	BOHLMANN TOWERS
Address:	807 MAIN STREET
City,State,Zip:	PEEKSKILL, NY 10566
PBS Number:	3-800097
Site Status:	Unregulated
GDS Number:	Not reported
Operator Name:	Kristopher Travis
Owner Name:	Peekskill Housing Authority
Owner Street:	807 Main Street
Owner Address2:	Not reported
Owner City/State/Zip:	Peekskill, NY 10566
Tank Number:	3
Status:	0. Administratively closed
Date Installation:	06/15/2007
Capacity:	275
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	0. None
Tank Leak Detection:	0. None
Tank Secondary Containment:	0. None
Piping Location:	2. Underground/on Ground
Piping Type:	10. Copper
Piping External Protection:	0. None
Piping Leak Detection:	0. None
Piping Secondary Containment:	Not reported
Overfill Prevention:	5. Vent Whistle
Spill Prevention:	0. None
Dispenser:	2. Suction

SPILLS:

Name:	BOHOMAN TOWERS
Address:	807 MAIN STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9413703 / 1995-01-25
Facility ID:	9413703
Facility Type:	ER
DER Facility ID:	109451
Site ID:	126620
DEC Region:	3
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	6012

BOHLMANN TOWERS (Continued) **S100140364**

Spill Date:	1995-01-14
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1995-01-14
CID:	Not reported
Water Affected:	MCGREGOR STREAM
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	1995-01-25
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-12-02
Spill Record Last Update:	2003-12-02
Spiller Name:	Not reported
Spiller Company:	JOHN DIECKMAN
Spiller Address:	290 LOCUST AVE.
Spiller Company:	001
Contact Name:	Not reported
Latitude:	41.2911972
Longitude:	-73.9238268
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY
Remarks:	OIL CAME OUT VENT POSSIBLE OVERFILL SGT. ESCHENBUER OIL RUNNING INTO MCGREGOR LAKE CASTLE OIL HAS VAC TRUCK RESPONDING & CREW TO CLEAN UP

All Materials:

Site ID:	126620
Operable Unit ID:	1011264
Operable Unit:	01
Material ID:	372445
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	40.00
Units:	G
Recovered:	.00
Resource Affected:	Surface Water
Oxygenate:	Not reported

V112 **PBS OVERFILL** **NY LTANKS** **S117395190**
SW **807 MAIN STREET** **NY Spills** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.349 mi.
1844 ft. **Site 3 of 3 in cluster V**

Relative: **Lower**

Actual: **127 ft.**

LTANKS:

Name:	PEEKSKILL HOUSING AUTH
Address:	807 MAIN ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1410115 / 2022-12-05
Facility ID:	1410115
Site ID:	503781
Spill Date:	2015-01-15

PBS OVERFILL (Continued) **S117395190**

Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODEE
Referred To:	Not reported
Reported to Dept:	2015-01-15
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2015-01-15
Spill Record Last Update:	2022-12-05
Spiller Name:	Not reported
Spiller Company:	Bohlmann Towers
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	CHRIS TRAVIS
Spiller Phone:	(914) 456-2835
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	458703
Latitude:	41.2908333
Longitude:	-73.9238888
DEC Memo:	1/15/15- WCHD reports this is PBS site and Wayne S. will be following up. DT 06-2015 report forwarded to WCHD RDB 12/05/2022: DEC Lead changed, spill file reviewed. Tank was removed and closure report submitted to WCDOH. Tank closed on PBS Database dated 5/28/2015. NFA jod
Remarks:	8000 gal ust

All Materials:

Site ID:	503781
Operable Unit ID:	1253129
Operable Unit:	01
Material ID:	2255337
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

SPILLS:

Name:	PBS OVERFILL
Address:	807 MAIN STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0314025 / 2004-03-24

PBS OVERFILL (Continued) **S117395190**

Facility ID:	0314025
Facility Type:	ER
DER Facility ID:	109451
Site ID:	66664
DEC Region:	3
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	6012
Spill Date:	2004-03-24
Investigator:	DXWEITZ
Referred To:	Not reported
Reported to Dept:	2004-03-24
CID:	407
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-03-24
Spill Record Last Update:	2022-12-05
Spiller Name:	ED ALLAN
Spiller Company:	Not reported
Spiller Address:	807 MAIN ST
Spiller Company:	001
Contact Name:	ED ALLAN
Latitude:	41.2911972
Longitude:	-73.9238268
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was WEITZ 03/27/05 CLEAN UP COMPLETED. SPILL FILE CLOSED BY OF THE WESTCHESTER COUNTY HEALTH DEPT. NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod As per email from WCHD: Can you please NFA spill # 03-14025. The overfill was cleaned up and surface soil removed and replaced.
Remarks:	appears to be tank overfill spilled onto bench and soil. spill cleanup in process.

All Materials:

Site ID:	66664
Operable Unit ID:	879316
Operable Unit:	01
Material ID:	495612
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

113
NNE
1/4-1/2
0.351 mi.
1852 ft.

SUNOCO GAS STATION
722 DIVISION ST
PEEKSKILL, NY

NY LTANKS **S102399194**
NY Spills **N/A**

Relative:
Lower

Actual:
169 ft.

LTANKS:

Name:	SUNOCO GAS STATION
Address:	722 DIVISION ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9606412 / 2004-12-30
Facility ID:	9606412
Site ID:	152014
Spill Date:	1996-08-19
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	B4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1996-08-19
CID:	349
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1996-08-19
Spill Record Last Update:	2004-12-30
Spiller Name:	Not reported
Spiller Company:	SUNOCO GAS STATION
Spiller Address:	RT 376 & HACKENSACK HTS
Spiller County:	001
Spiller Contact:	LEVETTE PARISH
Spiller Phone:	(215) 977-6379
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	129034
Latitude:	41.3007658
Longitude:	-73.9164191
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 08/19/96 PBS TO FOLLOW UP 12/30/2004 spill being handled as part of existing spill 9515109
Remarks:	caller believes it is the vent or the remote fill that has the problem Not reported

All TTF:

Facility ID:	9606412
Spill Number:	9606412
Spill Tank Test:	1544691
Site ID:	152014
Tank Number:	015
Tank Size:	1000
Material:	0022
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported

SUNOCO GAS STATION (Continued) **S102399194**

Source:	Not reported
Test Method:	20
Test Method 2:	USTest 2000/P/LL plus USTest 2000/U
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	152014
Operable Unit ID:	1037387
Operable Unit:	01
Material ID:	345669
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	SHELL GAS STATION
Address:	722 NORTH DIVISION
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1311413 / 2014-03-06
Facility ID:	1311413
Site ID:	492311
Spill Date:	2014-03-06
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	MBMASTRO
Referred To:	Not reported
Reported to Dept:	2014-03-06
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-03-06
Spill Record Last Update:	2014-03-07
Spiller Name:	MAHAR LE JAMAL
Spiller Company:	SHELL GAS STATION
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	MIKE BROWN
Spiller Phone:	(610) 276-5962
Spiller Extention:	Not reported
DEC Region:	3

SUNOCO GAS STATION (Continued) **S102399194**

DER Facility ID:	447258
Latitude:	41.3008480
Longitude:	-73.9163679
DEC Memo:	This is a 6K gasoline tank. Wayne Schneider, WCDOH, will handle....mm This spill is being closed - refer to spill # 13-11291
Remarks:	repair/retest pending Callback today by Mike to provide property owner information for contact

All Materials:

Site ID:	492311
Operable Unit ID:	1241843
Operable Unit:	01
Material ID:	2242334
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Name:	PEEKSKILL SERVICE
Address:	722 NORTH DIVISION ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1311419 / 2014-03-06
Facility ID:	1311419
Site ID:	492317
Spill Date:	2014-03-05
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	MBMASTRO
Referred To:	Not reported
Reported to Dept:	2014-03-06
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-03-06
Spill Record Last Update:	2014-03-06
Spiller Name:	MAHAR
Spiller Company:	PEEKSKILL SERVICE
Spiller Address:	722 NORTH DIVISION ST
Spiller County:	999
Spiller Contact:	MAHAR
Spiller Phone:	9149604861
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	92159

SUNOCO GAS STATION (Continued) **S102399194**

Latitude:	41.3008716
Longitude:	-73.9166785
DEC Memo:	Being handled by WCDOH, W Schneider. This spill is closed - refer to open spill # 13-11291
Remarks:	Tank test failure, possible bad gasket on tank, no known losses. Repair and retest to be done.

All Materials:

Site ID:	492317
Operable Unit ID:	1241849
Operable Unit:	01
Material ID:	2242340
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Name:	PEEKSKILL SERVICE STATION INC.
Address:	722 NORTH DIVISION ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1311291 / 2020-05-05
Facility ID:	1311291
Site ID:	492183
Spill Date:	2014-03-03
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	BTRANSOM
Referred To:	Not reported
Reported to Dept:	2014-03-03
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-03-03
Spill Record Last Update:	2020-05-05
Spiller Name:	MAHER. JAMAL
Spiller Company:	JIMZO HOLDING (PEEKSKILL) CORP.
Spiller Address:	722 NORTH DIVISION ST
Spiller County:	999
Spiller Contact:	MAHER. JAMAL
Spiller Phone:	(914) 737-2514
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	92159
Latitude:	41.3008716

SUNOCO GAS STATION (Continued) **S102399194**

Longitude: -73.9166785
DEC Memo: 3/4/14 Spoke to caller. The tank is double wall and was tested because the operator discovered water in it. American did test, tank failed, uncovered the top of the tank and discovered a gasket needs to be replaced. Spoke to owner, Jamal. He is aware gasket needs to be replaced. Tank is out of service. He claims American is being hired to replace gasket and retest tank on 3/5. Anerican has not been asked to do the repairs as of 4:30pm, 3/4/14. 3/5/14 W Schnieder, WCDOH, is following up...mm 03-07-14 Three different spill reports, 3 different testers.(13-11419, 13-11291, 13-11413) spoke to owners son, O'mar I advised him to carefully look at the other 3 tanks, to determine if this was a wear item or a faulty product, instead of digging up site every year.He said he was waiting for prices from TSP and others RDB 06-10-14 update request sent to WCHD RDB 06-18-14, email from WCHD The facility originally thought it isolated the cause of the ttf to one of the two manway gaskets on the tank. They removed one sump and sealed the suspicious manway. It failed to maintain a complete vacuum with another dry leak as per the contractor, Tank Specialists Plus. They were onsite today to isolate the second manway and retest. It is a double walled tank with no liquid in the interstitial. They will update me/us with what they discover today. wayne, RDB 02-05-20 Sent NOV Letter to Shell and Maher El Jamal. BTR 02-19-20 Rec'd WCHD office conference document w passing tank test results. BTR 05-05-20 Repairs were made in 2015 and passing tank test is acceptable. NFA. BTR
Remarks: doublewall tank all contained clean up pending retest

All Materials:
Site ID: 492183
Operable Unit ID: 1241719
Operable Unit: 01
Material ID: 2242200
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

SPILLS:
Name: SUNOCO
Address: 722 NORTH DIVISION ST
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 9515109 / 2005-01-31
Facility ID: 9515109
Facility Type: ER
DER Facility ID: 92159
Site ID: 104269
DEC Region: 3
Spill Cause: Unknown
Spill Class: C3
SWIS: 6012
Spill Date: 1996-02-24

SUNOCO GAS STATION (Continued) **S102399194**

Investigator:	jghardy
Referred To:	Not reported
Reported to Dept:	1996-02-24
CID:	196
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	1996-02-26
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-02-24
Spill Record Last Update:	2005-01-31
Spiller Name:	MICHAEL BULLOCK
Spiller Company:	SUN OIL CO
Spiller Address:	722 NORTH DIVISION ST
Spiller Company:	001
Contact Name:	MICHAEL BULLOCK
Latitude:	41.3007658
Longitude:	-73.9164191
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was HARDY 05/31/2001 LETTER SENT TO MATRIX ENV. BY J. HARDY; PERFORM A VES TEST ON MONITORING WELLS & COMPARE RESULTS TO PREVIOUS RESULTS. 08/19/03 ALSO SPILL 99-13233. 01/31/05 all mon wells less than 10ppb btex and less than 50ppb mtbe--close
Remarks:	vapors are present in commerical buliding next to gas station tanks have been tested twice since jan of 96. will be on site monday for further investigation. pid reading 1-200-ppm and a sheen on surface water.

All Materials:

Site ID:	104269
Operable Unit ID:	1026205
Operable Unit:	01
Material ID:	553676
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Site ID:	104269
Operable Unit ID:	1026205
Operable Unit:	01
Material ID:	2096798
Material Code:	1213A
Material Name:	MTBE (methyl-tert-butyl ether)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported

SUNOCO GAS STATION (Continued) **S102399194**

Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Name:	PEEKSKILL MOBIL
Address:	722 NORTH DIVISION ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9913233 / 2004-06-08
Facility ID:	9913233
Facility Type:	ER
DER Facility ID:	92159
Site ID:	104270
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	6012
Spill Date:	2000-01-10
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2000-02-22
CID:	211
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-02-22
Spill Record Last Update:	2004-06-08
Spiller Name:	Not reported
Spiller Company:	MAHER ELJAMAL OWNER
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	JULIE FRETTOLOSO
Latitude:	41.3007658
Longitude:	-73.9164191
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was WCHD-LALAK 08/19/03 ALSO SPILL 95-15109. 06/08/04 SITE BEING HANDLED BY JIM HARDY UNDER SPILL NUMBER 95-15109. THIS FILE CLOSED BY CHRIS LALAK OF THE WESTCHESTER COUNTY HEALTH DEPT. NFA REQUIRED. jbo
Remarks:	caller states soil samples were taken and results showed elevated levels of mtbe - no signs of product

All Materials:

Site ID:	104270
Operable Unit ID:	1091922
Operable Unit:	01
Material ID:	295093
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other

SUNOCO GAS STATION (Continued) **S102399194**

Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	PARKWAY SUNOCO STA.
Address:	722 NORTH DIVISION ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9407044 / 1995-02-12
Facility ID:	9407044
Facility Type:	ER
DER Facility ID:	92159
Site ID:	145313
DEC Region:	3
Spill Cause:	Human Error
Spill Class:	C3
SWIS:	6012
Spill Date:	1994-08-24
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1994-08-24
CID:	Not reported
Water Affected:	HUDSON RIVER
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Police Department
Cleanup Ceased:	1995-02-12
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-09-02
Spill Record Last Update:	1995-02-12
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
Latitude:	41.3007658
Longitude:	-73.9164191
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY
Remarks:	ENCON IS RESPONDING FLUSHING A RADIATOR RAN INTO RIVER FAXED TO WCHD

All Materials:

Site ID:	145313
Operable Unit ID:	1004462
Operable Unit:	01
Material ID:	380062
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00

SUNOCO GAS STATION (Continued) **S102399194**

Resource Affected: Surface Water
Oxygenate: Not reported

W114 **PEEKSKILL LIBRARY** **NY LTANKS** **S109060544**
SSW **4 NELSON AVE** **NY Spills** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.364 mi.
1920 ft. **Site 2 of 5 in cluster W**

Relative:
Lower

Actual:
110 ft.

LTANKS:

Name:	PEEKSKILL LIBRARY
Address:	4 NELSON AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0204026 / 2003-03-25
Facility ID:	0204026
Site ID:	60310
Spill Date:	2002-07-17
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODEE
Referred To:	WCDOH
Reported to Dept:	2002-07-17
CID:	390
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-07-17
Spill Record Last Update:	2020-04-27
Spiller Name:	RICHARD DIMARZO
Spiller Company:	PEEKSKILL LIBRARY
Spiller Address:	4 NELSON AV
Spiller County:	001
Spiller Contact:	RICHARD DIMARZO
Spiller Phone:	(914) 734-4130
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	58895
Latitude:	41.2904146
Longitude:	-73.9220124
DEC Memo:	Not reported
Remarks:	tank failed test - no product spillage

All TTF:

Facility ID:	0204026
Spill Number:	0204026
Spill Tank Test:	1527291
Site ID:	60310
Tank Number:	1
Tank Size:	5000
Material:	0001

PEEKSKILL LIBRARY (Continued) **S109060544**

EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	60310
Operable Unit ID:	855277
Operable Unit:	01
Material ID:	518286
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

SPILLS:

Name:	SPILL IN DRIVEWAY
Address:	4 NELSON AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	2000508 / 2020-04-24
Facility ID:	2000508
Facility Type:	ER
DER Facility ID:	58895
Site ID:	604120
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	6012
Spill Date:	2020-04-24
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2020-04-24
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2020-04-24
Spill Record Last Update:	2020-04-27

PEEKSKILL LIBRARY (Continued) **S109060544**

Spiller Name:	Not reported
Spiller Company:	Supreme Trucking
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	4/24/20 left voicemail for a callback to the duty desk. BW 4/27/20: RP reported Spill 2000509. NFA jod
Remarks:	SPILL IN DRIVEWAY. FIRE DEPARTMENT ON SCENE

All Materials:

Site ID:	604120
Operable Unit ID:	1351273
Operable Unit:	01
Material ID:	2362085
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Name:	PEEKSKILL LIBRARY
Address:	4 NELSON AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	2000509 / 2020-04-24
Facility ID:	2000509
Facility Type:	ER
DER Facility ID:	58895
Site ID:	604121
DEC Region:	3
Spill Cause:	Other
Spill Class:	C4
SWIS:	6012
Spill Date:	2020-04-24
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2020-04-24
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2020-04-24
Spill Record Last Update:	2020-04-27
Spiller Name:	MEL
Spiller Company:	Supreme Trucking

PEEKSKILL LIBRARY (Continued) **S109060544**

Spiller Address:	1069 LITTLE BRITAIN RD
Spiller Company:	999
Contact Name:	MEL
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	4/24/20 left voicemail to callback duty desk with spill information. BW
Remarks:	run off from top of tank clean up is done

All Materials:

Site ID:	604121
Operable Unit ID:	1351274
Operable Unit:	01
Material ID:	2362086
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.90
Units:	G
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Name:	LOADING DOCK
Address:	4 NELSON AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0713121 / 2008-03-13
Facility ID:	0713121
Facility Type:	ER
DER Facility ID:	58895
Site ID:	394827
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	6012
Spill Date:	2008-03-12
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2008-03-12
CID:	444
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-03-12
Spill Record Last Update:	2008-03-13
Spiller Name:	ROB HILL
Spiller Company:	LOADING DOCK
Spiller Address:	4 NELSON AVE
Spiller Company:	001
Contact Name:	ROB HILL

PEEKSKILL LIBRARY (Continued) **S109060544**

Latitude:	41.2903901
Longitude:	-73.9219845
DEC Memo:	UST overfill due to vent whistle problem. Clean up completed by Castle Oil. Spill was contained to concrete. NFA
Remarks:	OVERFILL AND IN PROCESS OF CLEANING UP

All Materials:

Site ID:	394827
Operable Unit ID:	1151776
Operable Unit:	01
Material ID:	2142523
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

X115 **WESTCHESTER RESCO CO.; L.P.** **NY SWRCY** **1006623299**
South **ONE CHARLES POINT AVE.** **N/A**
1/4-1/2 **PEEKSKILL, NY 0**
0.364 mi.
1922 ft. **Site 1 of 2 in cluster X**

Relative:
Lower

Actual:
129 ft.

SWRCY:

Name:	WESTCHESTER RESCO CO.; L.P.
Address:	ONE CHARLES POINT AVE.
City,State,Zip:	PEEKSKILL, NY 0
Region:	3
Facility Address 2:	Not reported
Phone Number:	Not reported
Owner Type:	Not reported
Owner Name:	Westchester County Industrial Devel. Agency
Owner Address:	148 Martine Ave.
Owner Address 2:	Not reported
Owner City,St,Zip:	White Plains, NY 10601
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[60M07]
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Permit #:	Not reported
Auth. Date:	Not reported

WESTCHESTER RESCO CO.; L.P. (Continued) **1006623299**

Expiration Date: Not reported
Waste Types: Not reported
Operator Name: Not reported
Operator Type: Not reported
Last Date: Not reported

W116 **CE - CENTRAL AVE-PEEKSKILL MGP** **NY SHWS** **S109059130**
SSW **900 CENTRAL AVE & 901 MAIN ST** **NY VCP** **N/A**
1/4-1/2 **PEEKSKILL, NY 10566** **NY MGP**
0.364 mi.
1923 ft. **Site 3 of 5 in cluster W**

Relative:
Lower

Actual:
111 ft.

SHWS:
Name: CE - CENTRAL AVE-PEEKSKILL MGP
Address: 900 CENTRAL AVE & 901 MAIN ST
City,State,Zip: PEEKSKILL, NY 10566
Program: HW
Site Code: 566778
Classification: A
Region: 3
Acres: 0.400
HW Code: 360167
Record Add: 02/13/2018
Record Upd: 04/30/2024
Updated By: AMOMOROG
Site Description: "Location: The CE-Central Avenue Peekskill Manufactured Gas Plant (MGP) site is located on Central Avenue in the City of Peekskill, Westchester County. Along the eastern border is a continuous row of buildings containing small shops along North Division Street. To the north of the property is a parking garage and to the west is a parking garage with apartments located above the garage. Site Features: This irregularly shaped site comprises approximately 0.4 acres in a mixed commercial and residential area. On the site are a paved municipal parking lot, a parking garage, and an apartment building. Current Zoning and Land Use: The site is zoned commercial (Central Commercial District). The current use is commercial and residential. Past Uses of the Site: Until approximately 1900, it was an MGP site. Following the operations of the MGP, the site was used for storage from 1900 to around 1920, and then for mixed government (police station and jail) and commercial use (garage, parking) until the mid-1970s. Since that time, the site has been used for parking, with a small portion of the site used for an apartment building since 1990. MGP operations (from the mid 1800s until approximately 1900) led to site contamination. Some of the benzene, toluene, ethylbenzene, and xylenes (BTEX) contamination may be linked to one or more petroleum spills. Site Geology and Hydrology: The soils at the site contain four units above the bedrock. The top layer across the entire site is a fill unit 3 to 11 feet thick. Beneath the fill in the center of the site and along the southern site boundary is a non-continuous sand unit. Beneath the fill or sand unit along the eastern and southern site boundaries is a silt and peat unit. Across much of the site, underneath the fill, sand, and/or the silt and peat units is saprolite, a weathered bedrock unit. The borings did not encounter a saprolite unit beneath the parking garage or the eastern site boundary. Bedrock is at depths of 3 to 16.7 feet below the ground surface. There are no surface water bodies at or near the site. McGregory s Brook may be present in a culvert buried beneath the site but was not encountered in any subsurface activities.

CE - CENTRAL AVE-PEEKSKILL MGP (Continued) **S109059130**

	Precipitation at the site drains into the storm water system except when it infiltrates to the subsurface in the limited landscaped areas. The water table ranges from 4.25 to 11.42 feet below the ground surface. Groundwater flows in the overburden soils from north to south - southwest. This site had been tracked through March 31, 2018 under the defunct voluntary program with Site No. V00567."
Env Problem:	"Nature and Extent of Contamination: A Site Characterization was completed in 2003 which revealed localized MGP contamination. In 2004, Con Ed completed an interim remedial measure (IRM) that removed approximately 161 cubic yards of contaminated soil. IRM documentation sampling detected residual contamination in soil that ranged from 2 to 532 parts per million (ppm) for PAHs and non-detect to 22 ppm for BTEX compounds. A Supplemental RI investigation showed lead in soil at 1,100 ppm (5-7ft) and 1,680 ppm (9-10ft) at one of the well locations up gradient from the IRM. Groundwater contamination is localized. Since the IRM, the groundwater contamination decreased from 7,107 to 212 parts per billion (ppb) for PAHs and from 3,936 to 2,262 ppb for BTEX compounds. "
Health Problem:	"This former MGP site is almost entirely covered by asphalt, buildings and/or a parking garage. The area is served by public water. An interim remedial measure was implemented to remove coal tar and petroleum-impacted soil from under the parking lot. A soil vapor investigation on the site found no evidence of a potential indoor air exposure pathway."
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	01
Owner Name:	Not reported
Owner Company:	Peekskill Senior Housing
Owner Address:	5 West Main Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Elmsford, NY 10523
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	Not reported
Owner Company:	City of Peekskill
Owner Address:	Peekskill City Hall
Owner Addr2:	84 Main Street
Owner City,St,Zip:	Peekskill, NY 10566
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	V00567

CE - CENTRAL AVE-PEEKSKILL MGP (Continued) **S109059130**

Cross Ref Type Code: 04
Cross Ref Type: VCP Site ID
Record Added Date: 2018-03-12 10:42:00
Record Updated: 2018-03-12 10:42:00
Updated By: AMOMOROG

VCP:
Name: CE - CENTRAL AVE-PEEKSKILL MGP
Address: 900 CENTRAL AVE & 901 MAIN ST
City,State,Zip: PEEKSKILL, NY 10566
Program Type: VCP
Site Code: 58692
HW Code: V00567
Site Class: N
SWIS: 6012
Region: 3
Town: Peekskill (c)
Acres: 0.400
Date Record Added: 03/06/2002
Date Record Updated: 02/04/2019
Updated By: AMOMOROG
Site Description: "This site is now being tracked under Site No. 360167. Location: The CE-Central Avenue Peekskill Manufactured Gas Plant (MGP) site is located on Central Avenue in the City of Peekskill, Westchester County. Along the eastern border is a continuous row of buildings containing small shops along North Division Street. To the north of the property is a parking garage and to the west is a parking garage with apartments located above the garage. Site Features: This irregularly shaped site comprises approximately 0.4 acres in a mixed commercial and residential area. On the site are a paved municipal parking lot, a parking garage, and an apartment building. Current Zoning and Land Use: The site is zoned commercial (Central Commercial District). The current use is commercial and residential. Past Uses of the Site: Until approximately 1900, it was an MGP site. Following the operations of the MGP, the site was used for storage from 1900 to around 1920, and then for mixed government (police station and jail) and commercial use (garage, parking) until the mid-1970s. Since that time, the site has been used for parking, with a small portion of the site used for an apartment building since 1990. MGP operations (from the mid 1800s until approximately 1900) led to site contamination. Some of the benzene, toluene, ethylbenzene, and xylenes (BTEX) contamination may be linked to one or more petroleum spills. Site Geology and Hydrology: The soils at the site contain four units above the bedrock. The top layer across the entire site is a fill unit 3 to 11 feet thick. Beneath the fill in the center of the site and along the southern site boundary is a non-continuous sand unit. Beneath the fill or sand unit along the eastern and southern site boundaries is a silt and peat unit. Across much of the site, underneath the fill, sand, and/or the silt and peat units is saprolite, a weathered bedrock unit. The borings did not encounter a saprolite unit beneath the parking garage or the eastern site boundary. Bedrock is at depths of 3 to 16.7 feet below the ground surface. There are no surface water bodies at or near the site. McGregory s Brook may be present in a culvert buried beneath the site but was not encountered in any subsurface activities. Precipitation at the site drains into the storm water system except when it infiltrates to the subsurface in the limited landscaped areas. The water table ranges from 4.25 to

CE - CENTRAL AVE-PEEKSKILL MGP (Continued) **S109059130**

	11.42 feet below the ground surface. Groundwater flows in the overburden soils from north to south - southwest. This site is being managed under Site #: 360157."
Env Problem:	"Nature and Extent of Contamination: A Site Characterization was completed in 2003 which revealed localized MGP contamination. In 2004, Con Ed completed an interim remedial measure (IRM) that removed approximately 161 cubic yards of contaminated soil. IRM documentation sampling detected residual contamination in soil that ranged from 2 to 532 parts per million (ppm) for PAHs and non-detect to 22 ppm for BTEX compounds. A Supplemental RI investigation showed lead in soil at 1,100 ppm (5-7ft) and 1,680 ppm (9-10ft) at one of the well locations up gradient from the IRM. Groundwater contamination is localized. Since the IRM, the groundwater contamination decreased from 7,107 to 212 parts per billion (ppb) for PAHs and from 3,936 to 2,262 ppb for BTEX compounds. "
Health Problem:	"This former MGP site is almost entirely covered by asphalt, buildings and/or a parking garage. The area is served by public water. An interim remedial measure was implemented to remove coal tar and petroleum-impacted soil from under the parking lot. A soil vapor investigation on the site found no evidence of a potential indoor air exposure pathway."
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	6
Sub Type:	P02
Owner Name:	Kenneth J. Kaiser, PE, BCEE
Owner Company:	CONSOLIDATED EDISON CO OF NY.,INC.
Owner Address:	31-01 20th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Long Island City, NY 11105-2048
Owner Country:	United States of America
Own Op:	1
Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	PEEKSKILL SENIOR HOUSING
Owner Address:	5 WEST MAIN ST.
Owner Addr2:	Not reported
Owner City,St,Zip:	ELMSFORD, NY 10523
Owner Country:	United States of America
Own Op:	1
Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	CITY OF PEEKSKILL
Owner Address:	PEEKSKILL CITY HALL-84 MAIN ST.
Owner Addr2:	Not reported
Owner City,St,Zip:	PEEKSKILL, NY 10566
Owner Country:	United States of America

CE - CENTRAL AVE-PEEKSKILL MGP (Continued) **S109059130**

HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

MGP:

Site ID:	Not reported
Name:	CE - CENTRAL AVE-PEEKSKILL MGP
Address:	900 CENTRAL AVE & 901 MAIN ST
City,State,Zip:	PEEKSKILL, NY 10566
Region:	3
Class:	No Further Action at this Time: Sites are given a classification of "N" when: the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program; a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced; a site was identified simply as the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.
Swis Code:	6012
Town:	Peekskill (c)
Disp Start:	Not reported
Disp Term:	Not reported
Acres:	0.4
Fuse:	Industrial
Description:	This site is now being tracked under Site No. 360167. Location: The CE-Central Avenue Peekskill Manufactured Gas Plant (MGP) site is located on Central Avenue in the City of Peekskill, Westchester County. Along the eastern border is a continuous row of buildings containing small shops along North Division Street. To the north of the property is a parking garage and to the west is a parking garage with apartments located above the garage. Site Features: This irregularly shaped site comprises approximately 0.4 acres in a mixed commercial and residential area. On the site are a paved municipal parking lot, a parking garage, and an apartment building. Current Zoning and Land Use: The site is zoned commercial (Central Commercial District). The current use is commercial and residential. Past Uses of the Site: Until approximately 1900, it was an MGP site. Following the operations of the MGP, the site was used for storage from 1900 to

CE - CENTRAL AVE-PEEKSKILL MGP (Continued) **S109059130**

around 1920, and then for mixed government (police station and jail) and commercial use (garage, parking) until the mid-1970s. Since that time, the site has been used for parking, with a small portion of the site used for an apartment building since 1990. MGP operations (from the mid 1800s until approximately 1900) led to site contamination. Some of the benzene, toluene, ethylbenzene, and xylenes (BTEX) contamination may be linked to one or more petroleum spills. Site Geology and Hydrology: The soils at the site contain four units above the bedrock. The top layer across the entire site is a fill unit 3 to 11 feet thick. Beneath the fill in the center of the site and along the southern site boundary is a non-continuous sand unit. Beneath the fill or sand unit along the eastern and southern site boundaries is a silt and peat unit. Across much of the site, underneath the fill, sand, and/or the silt and peat units is saprolite, a weathered bedrock unit. The borings did not encounter a saprolite unit beneath the parking garage or the eastern site boundary. Bedrock is at depths of 3 to 16.7 feet below the ground surface. There are no surface water bodies at or near the site. McGregory?s Brook may be present in a culvert buried beneath the site but was not encountered in any subsurface activities. Precipitation at the site drains into the storm water system except when it infiltrates to the subsurface in the limited landscaped areas. The water table ranges from 4.25 to 11.42 feet below the ground surface. Groundwater flows in the overburden soils from north to south - southwest. This site is being managed under Site #: 360157.

Assess Env: Nature and Extent of Contamination: A Site Characterization was completed in 2003 which revealed localized MGP contamination. In 2004, Con Ed completed an interim remedial measure (IRM) that removed approximately 161 cubic yards of contaminated soil. IRM documentation sampling detected residual contamination in soil that ranged from 2 to 532 parts per million (ppm) for PAHs and non-detect to 22 ppm for BTEX compounds. A Supplemental RI investigation showed lead in soil at 1,100 ppm (5-7ft) and 1,680 ppm (9-10ft) at one of the well locations up gradient from the IRM. Groundwater contamination is localized. Since the IRM, the groundwater contamination decreased from 7,107 to 212 parts per billion (ppb) for PAHs and from 3,936 to 2,262 ppb for BTEX compounds.

Assess Doh: This former MGP site is almost entirely covered by asphalt, buildings and/or a parking garage. The area is served by public water. An interim remedial measure was implemented to remove coal tar and petroleum-impacted soil from under the parking lot. A soil vapor investigation on the site found no evidence of a potential indoor air exposure pathway.

Latitude: 41.29020257
Longitude: -73.92095973

Site ID: 360167
Name: CE - CENTRAL AVE-PEEKSKILL MGP
Address: 900 CENTRAL AVE & 901 MAIN ST
City,State,Zip: PEEKSKILL, NY 10566
Region: 3
Class: Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.

CE - CENTRAL AVE-PEEKSKILL MGP (Continued) **S109059130**

Swis Code: 6012
Town: Peekskill (c)
Disp Start: Not reported
Disp Term: Not reported
Acres: 0.4
Fuse: Not Identified
Description: Location: The CE-Central Avenue Peekskill Manufactured Gas Plant (MGP) site is located on Central Avenue in the City of Peekskill, Westchester County. Along the eastern border is a continuous row of buildings containing small shops along North Division Street. To the north of the property is a parking garage and to the west is a parking garage with apartments located above the garage. Site Features: This irregularly shaped site comprises approximately 0.4 acres in a mixed commercial and residential area. On the site are a paved municipal parking lot, a parking garage, and an apartment building. Current Zoning and Land Use: The site is zoned commercial (Central Commercial District). The current use is commercial and residential. Past Uses of the Site: Until approximately 1900, it was an MGP site. Following the operations of the MGP, the site was used for storage from 1900 to around 1920, and then for mixed government (police station and jail) and commercial use (garage, parking) until the mid-1970s. Since that time, the site has been used for parking, with a small portion of the site used for an apartment building since 1990. MGP operations (from the mid 1800s until approximately 1900) led to site contamination. Some of the benzene, toluene, ethylbenzene, and xylenes (BTEX) contamination may be linked to one or more petroleum spills. Site Geology and Hydrology: The soils at the site contain four units above the bedrock. The top layer across the entire site is a fill unit 3 to 11 feet thick. Beneath the fill in the center of the site and along the southern site boundary is a non-continuous sand unit. Beneath the fill or sand unit along the eastern and southern site boundaries is a silt and peat unit. Across much of the site, underneath the fill, sand, and/or the silt and peat units is saprolite, a weathered bedrock unit. The borings did not encounter a saprolite unit beneath the parking garage or the eastern site boundary. Bedrock is at depths of 3 to 16.7 feet below the ground surface. There are no surface water bodies at or near the site. McGregory?s Brook may be present in a culvert buried beneath the site but was not encountered in any subsurface activities. Precipitation at the site drains into the storm water system except when it infiltrates to the subsurface in the limited landscaped areas. The water table ranges from 4.25 to 11.42 feet below the ground surface. Groundwater flows in the overburden soils from north to south - southwest. This site had been tracked through March 31, 2018 under the defunct voluntary program with Site No. V00567.
Assess Env: Nature and Extent of Contamination: A Site Characterization was completed in 2003 which revealed localized MGP contamination. In 2004, Con Ed completed an interim remedial measure (IRM) that removed approximately 161 cubic yards of contaminated soil. IRM documentation sampling detected residual contamination in soil that ranged from 2 to 532 parts per million (ppm) for PAHs and non-detect to 22 ppm for BTEX compounds. A Supplemental RI investigation showed lead in soil at 1,100 ppm (5-7ft) and 1,680 ppm (9-10ft) at one of the well locations up gradient from the IRM. Groundwater contamination is localized. Since the IRM, the groundwater contamination decreased from 7,107 to 212 parts per billion (ppb) for PAHs and from 3,936 to 2,262 ppb for BTEX compounds.

CE - CENTRAL AVE-PEEKSKILL MGP (Continued) **S109059130**

Assess Doh: This former MGP site is almost entirely covered by asphalt, buildings and/or a parking garage. The area is served by public water. An interim remedial measure was implemented to remove coal tar and petroleum-impacted soil from under the parking lot. A soil vapor investigation on the site found no evidence of a potential indoor air exposure pathway.
Latitude: 41.29020257
Longitude: -73.92095973

X117 **MEARL** **NY LTANKS** **S100492601**
South **1057 SOUTH ST** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.365 mi.
1926 ft. **Site 2 of 2 in cluster X**

Relative: **Lower**
Actual: **129 ft.**

LTANKS:

Name:	MEARL
Address:	1057 SOUTH ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	8606510 / 1987-03-17
Facility ID:	8606510
Site ID:	73470
Spill Date:	1987-01-20
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1987-03-17
SWIS:	6012
Investigator:	PATEL
Referred To:	Not reported
Reported to Dept:	1987-01-20
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	1987-03-17
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1987-02-04
Spill Record Last Update:	1987-03-25
Spiller Name:	Not reported
Spiller Company:	MEARL CORP
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	69149
Latitude:	41.2900148
Longitude:	-73.9206814
DEC Memo:	Not reported
Remarks:	TTTF

All TTF:

Facility ID:	8606510
Spill Number:	8606510

MEARL (Continued) **S100492601**

Spill Tank Test:	1530521
Site ID:	73470
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	73470
Operable Unit ID:	904093
Operable Unit:	01
Material ID:	472074
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

W118 **PBS TTF** **NY LTANKS** **S132116481**
SSW **2 NELSON ST** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.366 mi.
1930 ft. **Site 4 of 5 in cluster W**

Relative: **Lower**
Actual: **109 ft.**

LTANKS:

Name:	PBS TTF
Address:	2 NELSON ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	2402380 / Not Reported
Facility ID:	2402380
Site ID:	668764
Spill Date:	2024-06-17
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JPCUMMIN
Referred To:	Not reported
Reported to Dept:	2024-06-17
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester

PBS TTF (Continued) **S132116481**

Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	2024-06-17
Spill Record Last Update:	2024-06-25
Spiller Name:	Not reported
Spiller Company:	Peekskill Police Dept
Spiller Address:	2 NELSON ST
Spiller County:	999
Spiller Contact:	JEANENE CHAMBLISS
Spiller Phone:	(845) 592-8456
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	613708
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	6/17/24 Failed cathodic protection system test on Tank #1 (2k-gal #2F.O.). No liquid in interstitial. JG
Remarks:	cathotic test failure. no water in interstitcal

All Materials:

Site ID:	668764
Operable Unit ID:	1415575
Operable Unit:	01
Material ID:	2433603
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

W119 **CITY OF PEEKSKILL PD** **NY LTANKS** **S103558252**
SSW **2 NELSON AVE** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.366 mi.
1930 ft. **Site 5 of 5 in cluster W**

Relative: **Lower**

Actual: **109 ft.**

LTANKS:

Name:	CITY OF PEEKSKILL PD
Address:	2 NELSON AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0204020 / 2003-03-17
Facility ID:	0204020
Site ID:	83948
Spill Date:	2002-07-17
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	WCHD

CITY OF PEEKSKILL PD (Continued) **S103558252**

Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2002-07-17
CID:	207
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-07-17
Spill Record Last Update:	2003-04-01
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	MARTY MORGAN
Spiller Phone:	(914) 225-5240
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	77229
Latitude:	41.2903964
Longitude:	-73.9220007
DEC Memo:	Not reported
Remarks:	Not reported

All TTF:

Facility ID:	0204020
Spill Number:	0204020
Spill Tank Test:	1527290
Site ID:	83948
Tank Number:	2
Tank Size:	3000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

Name:	PEEKSKILL POLICE DEPT
Address:	2 NELSON AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9809710 / 2003-03-17
Facility ID:	9809710
Site ID:	216285
Spill Date:	1998-11-02
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012

CITY OF PEEKSKILL PD (Continued) **S103558252**

Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	1998-11-02
CID:	365
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-11-02
Spill Record Last Update:	2003-09-09
Spiller Name:	DAVE GREENER
Spiller Company:	PEEKSKILL POLICE DEPT
Spiller Address:	2 NELSON AV
Spiller County:	001
Spiller Contact:	DAVE GREENER
Spiller Phone:	(914) 734-4150
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	77229
Latitude:	41.2903964
Longitude:	-73.9220007
DEC Memo:	Not reported
Remarks:	THEY ARE GOING TO UNCOVER TANK - ISOLATE PLUMBING & RETEST TANK NOV 11
	Not reported

All TTF:

Facility ID:	9809710
Spill Number:	9809710
Spill Tank Test:	1546482
Site ID:	216285
Tank Number:	2
Tank Size:	3000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	20
Test Method 2:	USTest 2000/P/LL plus USTest 2000/U
Leak Rate:	-.14
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	216285
Operable Unit ID:	1070782
Operable Unit:	01
Material ID:	313609
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00

CITY OF PEEKSKILL PD (Continued) **S103558252**

Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

---

120 SW 1/4-1/2 0.397 mi. 2094 ft. **SHATAU REVE APTS.** **NY LTANKS** **S100142182**
OLD ST. MARUSST OFF RT 9 **N/A**
PEEKSKILL, NY

Relative: Lower
Actual: 160 ft.

LTANKS:
Name: SHATAU REVE APTS.
Address: OLD ST. MARUSST OFF RT 9
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 9013047 / 1991-05-06
Facility ID: 9013047
Site ID: 72110
Spill Date: 1991-03-22
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: Not reported
Cleanup Ceased: 1991-03-25
SWIS: 6012
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1991-03-22
CID: Not reported
Water Affected: Not reported
Spill Notifier: Citizen
Last Inspection: 1991-03-25
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1991-03-28
Spill Record Last Update: 1998-01-14
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 68107
Latitude: Not reported
Longitude: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 05/06/91: 2-5000 GAL. TANKS, ONE IN USE AND BOTH UNREGISTERED. LAST YEAR EASTMAN DID AN AIR PRESSURE TEST. NO PRODUCT WAS OBSERVED BY ARLENE RESTOGAVE TO WAYNE FOR REGISTRATION.
Remarks: MOST LIKELY LEACHESS TO THE HUDSON RIVER BILL SCHNIEDER FROM WCHD WILL HAVE SOMEONE INVESTIGATE

All Materials:
Site ID: 72110

SHATAU REVE APTS. (Continued) **S100142182**

Operable Unit ID:	950282
Operable Unit:	01
Material ID:	425949
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Y121 **PAGING BUSINESS** **UST FINDER RELEASE** **1029059132**
SSE **11 SOUTH BROAD ST** **N/A**
1/4-1/2 **PEEKSKILL, NY 0**
0.400 mi.
2110 ft. **Site 1 of 5 in cluster Y**

Relative: **Lower**
Actual: **157 ft.**

UST FINDER RELEASE:

Object ID:	258420
Facility ID:	NY133098
Lust ID:	NY9705397
Name:	PAGING BUSINESS
Address:	11 SOUTH BROAD ST
City,State,Zip:	PEEKSKILL, NY 0
Address Match Type:	Not reported
Reported Date:	1997/08/04 15:59:59+00
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	2911
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	2
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	State
X Coord:	-73.91517
Y Coord:	41.29033
Latitude:	41.2903299999999
Longitude:	-73.91517

122
NNW
1/4-1/2
0.416 mi.
2195 ft.

HUDSON VIEW ESTATE BLDG-D
2 LAKEVIEW DRIVE
PEEKSKILL, NY

NY LTANKS **S109208810**
N/A

Relative:
Higher

Actual:
188 ft.

LTANKS:

Name:	HUDSON VIEW ESTATE BLDG-D
Address:	2 LAKEVIEW DRIVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0208600 / 2008-10-27
Facility ID:	0208600
Site ID:	81891
Spill Date:	2002-11-19
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2002-11-19
CID:	211
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-11-19
Spill Record Last Update:	2008-10-27
Spiller Name:	PETER VON SCHONDORF
Spiller Company:	HOME PROP.-LEADER PROFESS
Spiller Address:	640 KREAG ROAD
Spiller County:	001
Spiller Contact:	PETER VONSCHONDORF
Spiller Phone:	(585) 455-6309
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	75623
Latitude:	41.2994731
Longitude:	-73.9236071
DEC Memo:	Passed retest. See spill 08-05463. NFA jod
Remarks:	UNCOVER REPAIR RETEST

All TTF:

Facility ID:	0208600
Spill Number:	0208600
Spill Tank Test:	1527733
Site ID:	81891
Tank Number:	D
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II

HUDSON VIEW ESTATE BLDG-D (Continued) **S109208810**

Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	81891
Operable Unit ID:	860031
Operable Unit:	01
Material ID:	515601
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	HUDSON VIEW APPTS
Address:	2 LAKEVIEW DRIVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0805463 / 2008-10-27
Facility ID:	0805463
Site ID:	402567
Spill Date:	2008-08-11
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2008-08-12
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-08-12
Spill Record Last Update:	2008-10-27
Spiller Name:	MIKE SEMON
Spiller Company:	HUDSONVIEW APPTS
Spiller Address:	2 LAKE VIEW DR
Spiller County:	001
Spiller Contact:	MIKE SEMON
Spiller Phone:	(908) 653-4700
Spiller Extention:	8226
DEC Region:	3
DER Facility ID:	75623
Latitude:	41.2989311
Longitude:	-73.9253220

HUDSON VIEW ESTATE BLDG-D (Continued) **S109208810**

DEC Memo:	spoke to K. MOrgan will recommend to homeowner to U, R and retest. dvw 10/27/2008: Tank passed a retest after piping was repaired. Based upon the information provided to DEC, No Further Action is required at this time. jod
Remarks:	gross failure

All TTF:

Facility ID:	0805463
Spill Number:	0805463
Spill Tank Test:	2486642
Site ID:	402567
Tank Number:	Not reported
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	True
Cause:	99
Source:	99
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	402567
Operable Unit ID:	1159318
Operable Unit:	01
Material ID:	2150435
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Y123 **RICHIE'S S/S** **NY LTANKS** **S118953754**
SSE **17 SOUTH BROAD ST** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.417 mi.
2202 ft. **Site 2 of 5 in cluster Y**

Relative:
Lower

Actual:
160 ft.

LTANKS:

Name:	RICHIE'S S/S GULF
Address:	17 SOUTH BROAD STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9212041 / 1994-08-16
Facility ID:	9212041
Site ID:	259091
Spill Date:	1993-01-21
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C4

RICHIE'S S/S (Continued) **S118953754**

Cleanup Ceased:	1994-08-16
SWIS:	6012
Investigator:	WXWADSWO
Referred To:	Not reported
Reported to Dept:	1993-01-21
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1993-01-22
Spill Record Last Update:	1994-12-19
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	211985
Latitude:	41.2900800
Longitude:	-73.9151628
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH 09/27/95: This is additional information about material spilled from the translation of the old spill file: TANK TEST.
Remarks:	WILL EIR IN NEXT TWO DAYS PETRO-TITE GROSS

All TTF:

Facility ID:	9212041
Spill Number:	9212041
Spill Tank Test:	1541090
Site ID:	259091
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	259091
Operable Unit ID:	978900
Operable Unit:	01
Material ID:	405419
Material Code:	0009
Material Name:	gasoline

RICHIE'S S/S (Continued) **S118953754**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

Name:	RICHIE'S S/S
Address:	17 SOUTH BROAD ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9212094 / Not Reported
Facility ID:	9212094
Site ID:	69354
Spill Date:	1993-01-22
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	A2
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	1993-01-22
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	4
Date Entered In Computer:	1993-01-27
Spill Record Last Update:	2024-05-02
Spiller Name:	CRISSY COLANGELO
Spiller Company:	DEMPSACO LLC
Spiller Address:	PO BOX 159
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	65940
Latitude:	41.2900800
Longitude:	-73.9151628
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH 09/27/95: This is additional information about material spilled from the translation of the old spill file: TANK TEST. 05-14 stopped by site, tanks not in operation, still in ground, monitoring wells present RDb 06-10-14 rrequest FIR and update from WCHD 12/21/2015 -- Regional spills staff have reviewed the limited available information for this spill and placed it into an INACTIVE category as noted by the place holder project manager Jen Cutter. ELM/DB 12-12+17 request FIR again RDB 06/12/18 Need to send Right of Entry to the trustee of the estate. BTR 09-17-2018 phone call from Carlos and Sal Colangelo 914-906-4252 husband of owner Chrissy Colangelo of Dempsaco LLC PO Box 159, Goldens Bridge, NY 10526.

RICHIE'S S/S (Continued) **S118953754**

02-06-20 Sent NOV letter to remove the underground storage tanks and a right of entry letter. BTR 02-25-20 Spoke with Sal and he indicated that the signed right of entry letter was mailed last week. BTR 02-27-20 Signed ROE was received at NP Office. BTR 09-10-20 Opened PIN to investigate impacts. BTR 09-15-20 Notified auto repair shop to move the parked cars by 10/01. BTR 10-05-20 EAR assigning project manager. BTR 10-13-20 Site referred for PBS violation. jc 11-12-20 BW approved investigation work plan. BTR 12/24/20 left voicemail with repair shop to move cars for drilling activities by 12/29/20. BW 01-15-21 Investigations completed at both sites. Castlton working on city permit. Once permits are received we can schedule a start date. Disposal prices are confirmed. Summary of site investigation is forthcoming. BTR 02-08-21 Castlton received permits for UST removal. Sending Greg to the site note areas of snow removal and condition of utility mark outs. BTR 03-12-21 Received Site Investigation Summary. BTR 04-20-21 Site visit with Castlton. Crew mobilized to the site yesterday. Today they are removing the dispensers and uncovering the concrete pad. Tomorrow the vac truck will be used to empty the tanks and will be removed intact by the afternoon. BTR 04-22-21 Tanks were inspected by WCHD and building department. Tanks were taken off site. BTR 04-26-21 Site visit with Castlton. East test pit went to 20ft through an old building foundation and the contamination is located depth 20-24 feet. Three more test pits will be dug to locate clean endpoints on the north and south ends of the excavation pit. Water sample to be rushed for disposal purposes. BTR 04-29-21 Site visit. BTR 04-30-21 Site visit. BTR 05-10-21 Site visit. BTR 05-12-21 Site visit. BTR 05-20-21 Site visit. BTR 05-26-21 Site visit. BTR 06-01-21 Site visit. BTR 06-08-21 Site visit. BTR 06-17-21 Site Visit. BTR 06-21-21 Castlton excavated 1,100 gallon underground waste oil tank. County and City inspector to observe tank tomorrow. Tank is to be registered. BTR 06-30-21 Site activities have been completed. Backfill was completed to grade and all equipment has been removed from site. BTR 04/03/2023 A U.S. HydroGeologic Inc. Project status report was located and placed into DecDocs. Report includes five soil samples taken from a tank grave after four UST were removed in November, 1994. TG 12/12/23 ISR completed and submitted to David Pollack for review and signature. TG

Remarks: WILL EIR PETROTITE GROSS

All TTF:

Facility ID:	9212094
Spill Number:	9212094
Spill Tank Test:	1541093
Site ID:	69354
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

RICHIE'S S/S (Continued) **S118953754**

All Materials:

Site ID:	69354
Operable Unit ID:	978939
Operable Unit:	01
Material ID:	570314
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Soil, Groundwater
Oxygenate:	Not reported

Name:	RICHIE'S S/S
Address:	17 SOUTH BROAD ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9212094 / Not Reported
Facility ID:	9212094
Site ID:	69354
Spill Date:	1993-01-22
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	A2
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	1993-01-22
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	4
Date Entered In Computer:	1993-01-27
Spill Record Last Update:	2024-05-02
Spiller Name:	SALVATORE COLANGELO
Spiller Company:	SALVATORE COLANGELO
Spiller Address:	27 WHITTIER HILLS RD
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	65940
Latitude:	41.2900800
Longitude:	-73.9151628
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was WADSWORTH 09/27/95: This is additional information about material spilled from the translation of the old spill file: TANK TEST. 05-14 stopped by site, tanks not in operation, still in ground, monitoring wells present RDb 06-10-14 rrequest FIR and update from WCHD

RICHIE'S S/S (Continued) **S118953754**

12/21/2015 -- Regional spills staff have reviewed the limited available information for this spill and placed it into an INACTIVE category as noted by the place holder project manager Jen Cutter. ELM/DB 12-12+17 request FIR again RDB 06/12/18 Need to send Right of Entry to the trustee of the estate. BTR 09-17-2018 phone call from Carlos and Sal Colangelo 914-906-4252 husband of owner Chrissy Colangelo of Dempsaco LLC PO Box 159, Goldens Bridge, NY 10526. 02-06-20 Sent NOV letter to remove the underground storage tanks and a right of entry letter. BTR 02-25-20 Spoke with Sal and he indicated that the signed right of entry letter was mailed last week. BTR 02-27-20 Signed ROE was received at NP Office. BTR 09-10-20 Opened PIN to investigate impacts. BTR 09-15-20 Notified auto repair shop to move the parked cars by 10/01. BTR 10-05-20 EAR assigning project manager. BTR 10-13-20 Site referred for PBS violation. jc 11-12-20 BW approved investigation work plan. BTR 12/24/20 left voicemail with repair shop to move cars for drilling activities by 12/29/20. BW 01-15-21 Investigations completed at both sites. Castlton working on city permit. Once permits are received we can schedule a start date. Disposal prices are confirmed. Summary of site investigation is forthcoming. BTR 02-08-21 Castlton received permits for UST removal. Sending Greg to the site note areas of snow removal and condition of utility mark outs. BTR 03-12-21 Received Site Investigation Summary. BTR 04-20-21 Site visit with Castlton. Crew mobilized to the site yesterday. Today they are removing the dispensers and uncovering the concrete pad. Tomorrow the vac truck will be used to empty the tanks and will be removed intact by the afternoon. BTR 04-22-21 Tanks were inspected by WCHD and building department. Tanks were taken off site. BTR 04-26-21 Site visit with Castlton. East test pit went to 20ft through an old building foundation and the contamination is located depth 20-24 feet. Three more test pits will be dug to locate clean endpoints on the north and south ends of the excavation pit. Water sample to be rushed for disposal purposes. BTR 04-29-21 Site visit. BTR 04-30-21 Site visit. BTR 05-10-21 Site visit. BTR 05-12-21 Site visit. BTR 05-20-21 Site visit. BTR 05-26-21 Site visit. BTR 06-01-21 Site visit. BTR 06-08-21 Site visit. BTR 06-17-21 Site Visit. BTR 06-21-21 Castlton excavated 1,100 gallon underground waste oil tank. County and City inspector to observe tank tomorrow. Tank is to be registered. BTR 06-30-21 Site activities have been completed. Backfill was completed to grade and all equipment has been removed from site. BTR 04/03/2023 A U.S. HydroGeologic Inc. Project status report was located and placed into DecDocs. Report includes five soil samples taken from a tank grave after four UST were removed in November, 1994. TG 12/12/23 ISR completed and submitted to David Pollack for review and signature. TG

Remarks: WILL EIR PETROTITE GROSS

All TTF:

Facility ID:	9212094
Spill Number:	9212094
Spill Tank Test:	1541093
Site ID:	69354
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported

RICHIE'S S/S (Continued) **S118953754**

Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 69354
Operable Unit ID: 978939
Operable Unit: 01
Material ID: 570314
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Not reported
Recovered: .00
Resource Affected: Soil, Groundwater
Oxygenate: Not reported

Y124 **RICHIE'S S/S GULF** **UST FINDER RELEASE** **1029065592**
SSE **17 SOUTH BROAD STREET** **N/A**
1/4-1/2 **PEEKSKILL, NY 0**
0.417 mi.
2202 ft. **Site 3 of 5 in cluster Y**

Relative: **Lower**

Actual: **160 ft.**

UST FINDER RELEASE:
Object ID: 258421
Facility ID: NY211985
Lust ID: NY9212041
Name: RICHIE'S S/S GULF
Address: 17 SOUTH BROAD STREET
City,State,Zip: PEEKSKILL, NY 0
Address Match Type: Not reported
Reported Date: 1993/01/21 15:59:59+00
Status: No Further Action
Substance: Not reported
Population within 1500ft: 2854
Domestic Wells within 1500ft: 0
Land Use: Developed, Medium Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Within 100yr Floodplain: No
Tribe: Not reported
EPA Region: 2
NFA Letter 1: Not reported

RICHIE'S S/S GULF (Continued) **1029065592**

NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	State
X Coord:	-73.91516
Y Coord:	41.29008
Latitude:	41.29008
Longitude:	-73.91516

Y125 **RICHIE'S S/S** **UST FINDER RELEASE** **1029077324**
SSE **17 SOUTH BROAD** **N/A**
1/4-1/2 **PEEKSKILL, NY 0**
0.417 mi.
2202 ft. **Site 4 of 5 in cluster Y**

Relative: **Lower**

Actual: **160 ft.**

UST FINDER RELEASE:

Object ID:	258422
Facility ID:	NY65940
Lust ID:	NY9212094
Name:	RICHIE'S S/S
Address:	17 SOUTH BROAD
City,State,Zip:	PEEKSKILL, NY 0
Address Match Type:	Not reported
Reported Date:	1993/01/22 15:59:59+00
Status:	Open
Substance:	Not reported
Population within 1500ft:	2854
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	2
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	State
X Coord:	-73.91516
Y Coord:	41.29008
Latitude:	41.29008
Longitude:	-73.91516

Z126 **CHURCH OF THE ASSUMPTION** **NY LTANKS** **S102674232**
South **920 FIRST STREET** **NY AST** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.422 mi.
2229 ft. **Site 1 of 3 in cluster Z**

Relative:
Lower

Actual:
146 ft.

LTANKS:

Name:	CHURCH OF THE ASSUMPTION
Address:	920 FIRST STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9402602 / 1994-05-27
Facility ID:	9402602
Site ID:	299707
Spill Date:	1994-05-23
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	1994-05-27
SWIS:	6012
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1994-05-23
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-12-02
Spill Record Last Update:	2003-12-02
Spiller Name:	Not reported
Spiller Company:	CASTLE OIL
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	242447
Latitude:	41.2890411
Longitude:	-73.9205900
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY
Remarks:	FIVE GAL. OVERFILL SPEEDI-DRI APPLIED BY FIRE DEPT. AND CLEANED UP BY CASTLE OIL

All Materials:

Site ID:	299707
Operable Unit ID:	999681
Operable Unit:	01
Material ID:	382784
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00

CHURCH OF THE ASSUMPTION (Continued) **S102674232**

Resource Affected: Soil
Oxygenate: Not reported

WESTCHESTER CO. AST:
Name: ASSUMPTION CHURCH
Address: 920 FIRST STREET
City,State,Zip: PEEKSKILL, NY 10566
PBS Number: 3-067598
Site Status: Active
GDS Number: Not reported
Operator Name: Andres Vega
Owner Name: Assumption Church
Owner Street: 920 First Street
Owner Address2: Not reported
Owner City/State/Zip: Peekskill, NY 10566

Tank Number: 1
Status: 1. In-Service
Date Installation: 12/01/1959
Capacity: 6000
Product Stored: 0001. #2 Fuel Oil
Product Stored Percent: Not reported
Date Perm Closure: 01/01/1900
Tank Location: 3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 1. Painted/Asphalt Coating
Tank Leak Detection: 99. Other
Tank Secondary Containment: 2. Vault (w/ access)
Piping Location: 2. Underground/on ground
Piping Type: 1. Steel/Carbon/ steel/iron
Piping External Protection: 0. None
Piping Leak Detection: Not reported
Piping Secondary Containment: Not reported
Overfill Prevention: 4. Product Level Gauge (Aboveground Only)
Spill Prevention: 0. None
Dispenser: 2. Suction

Tank Number: 3 -911
Status: 1. In-Service
Date Installation: 01/01/1994
Capacity: 275
Product Stored: 0001. #2 Fuel Oil
Product Stored Percent: Not reported
Date Perm Closure: 01/01/1900
Tank Location: 3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type: 1. Steel/Carbon steel/Iron
Tank Internal Protection: 0. None
Tank External Protection: 1. Painted/Asphalt Coating
Tank Leak Detection: Not reported
Tank Secondary Containment: Not reported
Piping Location: 1. Aboveground
Piping Type: Not reported
Piping External Protection: Not reported
Piping Leak Detection: Not reported

CHURCH OF THE ASSUMPTION (Continued) **S102674232**

Piping Secondary Containment:	Not reported
Overfill Prevention:	5. Vent Whistle
Spill Prevention:	Not reported
Dispenser:	2. Suction

Tank Number:	4-109
Status:	1. In-Service
Date Installation:	01/01/1994
Capacity:	275
Product Stored:	0001. #2 Fuel Oil
Product Stored Percent:	Not reported
Date Perm Closure:	01/01/1900
Tank Location:	3. Aboveground on saddles,legs,stilts,racks or cradle
Tank Type:	1. Steel/Carbon steel/Iron
Tank Internal Protection:	0. None
Tank External Protection:	1. Painted/Asphalt Coating
Tank Leak Detection:	Not reported
Tank Secondary Containment:	Not reported
Piping Location:	1. Aboveground
Piping Type:	Not reported
Piping External Protection:	Not reported
Piping Leak Detection:	Not reported
Piping Secondary Containment:	Not reported
Overfill Prevention:	5. Vent Whistle
Spill Prevention:	Not reported
Dispenser:	2. Suction

Z127 **MOHAMED HOME** **NY LTANKS** **S108298667**
South **925 FIRST STREET** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.425 mi.
2245 ft. **Site 2 of 3 in cluster Z**

Relative: **Lower**
Actual: **148 ft.**

LTANKS:

Name:	MOHAMED HOME
Address:	925 FIRST STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0608416 / 2007-09-13
Facility ID:	0608416
Site ID:	372381
Spill Date:	2006-10-23
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2006-10-23
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0

MOHAMED HOME (Continued) **S108298667**

Date Entered In Computer:	2006-10-23
Spill Record Last Update:	2007-09-13
Spiller Name:	MOHAMED HOME
Spiller Company:	MOHAMED HOME
Spiller Address:	925 FIRST STREET
Spiller County:	001
Spiller Contact:	MOHAMED HOME
Spiller Phone:	(914) 497-4174
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	322108
Latitude:	41.2890216
Longitude:	-73.9196786
DEC Memo:	CALLED MOHAMED. GAVE HOM HIS OPTIONS. 03/13/07 UST and Subsurface investigation report submitted by HydroEnvironmental Solutions. Dutchess Environmental removed a 550 gallon sule tank along with 19.78 tons of petroleum impacted soil. NFA TG
Remarks:	REPAIRE AND RETEST OR REMOVE

All TTF:

Facility ID:	0608416
Spill Number:	0608416
Spill Tank Test:	1550374
Site ID:	372381
Tank Number:	1
Tank Size:	550
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	372381
Operable Unit ID:	1130123
Operable Unit:	01
Material ID:	2119789
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Z128 **TOM HALZWEISS** **NY LTANKS** **S105230486**
South **921 FIRST ST** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.429 mi.
2263 ft. **Site 3 of 3 in cluster Z**

Relative: LTANKS:
Lower

Actual:
149 ft.

Name:	TOM HALZWEISS
Address:	921 FIRST ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0108798 / 2002-01-15
Facility ID:	0108798
Site ID:	287536
Spill Date:	2001-12-04
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	B4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2001-12-04
CID:	405
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-12-04
Spill Record Last Update:	2002-03-22
Spiller Name:	TOM HALZWEISS
Spiller Company:	TOM HALZWEISS
Spiller Address:	921 FIRST ST
Spiller County:	001
Spiller Contact:	TOM HALZWEISS
Spiller Phone:	(914) 739-1717
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	232933
Latitude:	41.2889415
Longitude:	-73.9205319
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 01/15/2002 DUTCHESS DISPOSED OF TANK AND 54.03 TONS OF CONTAMINATED SOIL. NO FURTHER ACTION.
Remarks:	CALLER FOUND CONTAMINATED SOIL APON REMOVING THE TANK - WILL BE CLEANING IT UP

AA129 **WESLEY HALL** **NY LTANKS** **S106737568**
SSW **801 SOUTH STREET** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.431 mi.
2276 ft. **Site 1 of 4 in cluster AA**

Relative: LTANKS:
Lower

Actual:
125 ft.

Name:	WESLEY HALL
Address:	801 SOUTH STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0410188 / 2008-12-26

WESLEY HALL (Continued) **S106737568**

Facility ID:	0410188
Site ID:	335073
Spill Date:	2004-12-13
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2004-12-13
CID:	403
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-12-13
Spill Record Last Update:	2008-12-26
Spiller Name:	EKITE ENVIRONMENTAL
Spiller Company:	Not reported
Spiller Address:	108 SOUTH ST
Spiller County:	001
Spiller Contact:	EKITE ENVIRONMENTAL
Spiller Phone:	(914) 747-9741
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	306560
Latitude:	41.2793200
Longitude:	-73.9334800
DEC Memo:	Tank passed a retest after piping was repaired. See spill 0510510. NFA jod
Remarks:	PBS No: 3-079197

All TTF:

Facility ID:	0410188
Spill Number:	0410188
Spill Tank Test:	1548398
Site ID:	335073
Tank Number:	1
Tank Size:	12000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	335073

WESLEY HALL (Continued) **S106737568**

Operable Unit ID:	1097181
Operable Unit:	01
Material ID:	577136
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

AA130 **P&L MANAGEMENT CONS.** **NY LTANKS** **S100139449**
SSW **801 SOUTH STREET** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.431 mi.
2276 ft. **Site 2 of 4 in cluster AA**

Relative: LTANKS:
Lower

Name:	P&L MANAGEMENT CONS.
Address:	801 SOUTH STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	8704648 / 1988-10-05
Facility ID:	8704648
Site ID:	137764
Spill Date:	1987-09-03
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Not reported
Cleanup Ceased:	1988-09-23
SWIS:	6012
Investigator:	MURTHY
Referred To:	Not reported
Reported to Dept:	1987-09-03
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	1988-09-23
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1987-09-24
Spill Record Last Update:	1988-10-06
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	306560
Latitude:	41.2893025
Longitude:	-73.9225323
DEC Memo:	Not reported

P&L MANAGEMENT CONS. (Continued) **S100139449**

Remarks: LEAK RATE -.5839GPH,

All TTF:

Facility ID:	8704648
Spill Number:	8704648
Spill Tank Test:	1531558
Site ID:	137764
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	137764
Operable Unit ID:	908360
Operable Unit:	01
Material ID:	467274
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

AA131 **PBS** **NY LTANKS** **S107489326**
SSW **801 SOUTH STREET** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.431 mi.
2276 ft. **Site 3 of 4 in cluster AA**

Relative: **Lower**

Actual: **125 ft.**

LTANKS:

Name:	PBS
Address:	801 SOUTH STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0510510 / 2006-05-10
Facility ID:	0510510
Site ID:	356499
Spill Date:	2005-12-07
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODee
Referred To:	WCDOH

PBS (Continued) **S107489326**

Reported to Dept:	2005-12-07
CID:	408
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-12-07
Spill Record Last Update:	2006-05-10
Spiller Name:	MICHAEL
Spiller Company:	Not reported
Spiller Address:	801 SOUTH STREET
Spiller County:	001
Spiller Contact:	MICHAEL
Spiller Phone:	(845) 278-2600
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	306560
Latitude:	41.2892970
Longitude:	-73.9225260
DEC Memo:	May 10, 2006: TANK PASSED A RETEST AFTER PIPING WAS REPAIRED. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod
Remarks:	PBS No: 3-079197

All Materials:

Site ID:	356499
Operable Unit ID:	1113804
Operable Unit:	01
Material ID:	2103861
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

AA132 **P & L MANAGMENT CONSULTAN** **NY LTANKS** **S100139517**
SSW **801 SOUTH STREET** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.431 mi.
2276 ft. **Site 4 of 4 in cluster AA**

Relative: **Lower**
Actual: **125 ft.**

LTANKS:

Name:	P & L MANAGMENT CONSULTAN
Address:	801 SOUTH STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	8706379 / 1988-10-05
Facility ID:	8706379
Site ID:	170145
Spill Date:	1987-10-27
Spill Cause:	Tank Test Failure

P & L MANAGMENT CONSULTAN (Continued) **S100139517**

Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1988-09-28
SWIS:	6012
Investigator:	MURTHY
Referred To:	Not reported
Reported to Dept:	1987-10-27
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	1988-09-28
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1987-11-13
Spill Record Last Update:	1988-10-06
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	306560
Latitude:	41.2893025
Longitude:	-73.9225323
DEC Memo:	Not reported
Remarks:	12K SYSTEM TO ISOLATE 7 RETEST.

All TTF:

Facility ID:	8706379
Spill Number:	8706379
Spill Tank Test:	1532070
Site ID:	170145
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	170145
Operable Unit ID:	912396
Operable Unit:	01
Material ID:	465394
Material Code:	0001A
Material Name:	#2 fuel oil

P & L MANAGMENT CONSULTAN (Continued) **S100139517**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

---

133 East 1/4-1/2 0.437 mi. 2305 ft. **RIVERHOUSE CONDOMINIUM** **NY LTANKS S105054864**
150 OVERLOOK PLACE **NY Spills N/A**
PEEKSKILL, NY

Relative: Higher

Actual: 371 ft.

LTANKS:

Name:	SPILL NUMBER 0101697
Address:	150 OVERLOOK AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0101697 / 2001-05-18
Facility ID:	0101697
Site ID:	174959
Spill Date:	2001-05-14
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2001-05-14
CID:	396
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-05-14
Spill Record Last Update:	2001-07-03
Spiller Name:	Not reported
Spiller Company:	UNKNOWNN
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	RIVER RIDGE OWNERS CORP
Spiller Phone:	(914) 739-4543
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	147094
Latitude:	41.2957443
Longitude:	-73.9102437
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE
Remarks:	spill from a storage tank...clean up complete.

All Materials:

Site ID:	174959

RIVERHOUSE CONDOMINIUM (Continued) **S105054864**

Operable Unit ID:	840519
Operable Unit:	01
Material ID:	537399
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	7.00
Units:	G
Recovered:	7.00
Resource Affected:	Soil
Oxygenate:	Not reported

SPILLS:

Name:	RIVERHOUSE CONDOMINIUM
Address:	150 OVERLOOK PLACE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	8905098 / 1989-10-02
Facility ID:	8905098
Facility Type:	ER
DER Facility ID:	209348
Site ID:	255607
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	6012
Spill Date:	1989-08-22
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1989-08-22
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	1989-08-23
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1989-08-31
Spill Record Last Update:	1989-10-02
Spiller Name:	Not reported
Spiller Company:	HESS OIL
Spiller Address:	238 W. FORTLEY RD.
Spiller Company:	001
Contact Name:	Not reported
Latitude:	41.2957443
Longitude:	-73.9102437
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was TODD GHIOSAY 10/02/89: CLEANUP PERFORMEDBY CONDO SUPERINTENDEBNT AND BY HESS PERSONEL.
Remarks:	CONTAINED AND STARTED CLEANUP. CLEANUP TO BE COMPLETED ON 8/23/89 AM

All Materials:

Site ID:	255607

RIVERHOUSE CONDOMINIUM (Continued) **S105054864**

Operable Unit ID:	930433
Operable Unit:	01
Material ID:	445537
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Y134 **GRIFFINS LANDSCAPING** **NY LTANKS** **S105997048**
SSE **1234 LINCOLN TERR** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.444 mi.
2344 ft. **Site 5 of 5 in cluster Y**

Relative: LTANKS:
Lower

Name:	GRIFFINS LANDSCAPING
Address:	1234 LINCOLN TERR
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0207441 / 2002-12-23
Facility ID:	0207441
Site ID:	105224
Spill Date:	2002-10-18
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	WCHD
Referred To:	Westchester Cnty Health Dept
Reported to Dept:	2002-10-18
CID:	396
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-10-18
Spill Record Last Update:	2003-01-03
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	MIKE SEGULJIC
Spiller Phone:	(845) 469-5617
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	92862
Latitude:	41.2899100
Longitude:	-73.9143297
DEC Memo:	Not reported

Actual:
161 ft.

GRIFFINS LANDSCAPING (Continued) **S105997048**

Remarks: SITE CONTACT TOM OCONNEL 914-906-5343. GROUND CONT WAS FOUND WILE DOING A TANK PULL.

All Materials:

Site ID:	105224
Operable Unit ID:	860260
Operable Unit:	01
Material ID:	518031
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

AB135 **CAMP STERNBRG** **NY LTANKS S106011777**
ESE **UTOPIA RD** **NY Spills N/A**
1/4-1/2 **TUSTEN, NY**
0.452 mi.
2385 ft. **Site 1 of 2 in cluster AB**

Relative: **Higher**

Actual: **193 ft.**

LTANKS:

Name:	CAMP STERNBRG
Address:	UTOPIA RD
City,State,Zip:	TUSTEN, NY
Spill Number/Closed Date:	0001480 / 2000-05-30
Facility ID:	0001480
Site ID:	303160
Spill Date:	2000-05-05
Spill Cause:	Tank Failure
Spill Source:	Commercial Vehicle
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	5348
Investigator:	DVWEHRFR
Referred To:	Not reported
Reported to Dept:	2000-05-05
CID:	398
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-05-05
Spill Record Last Update:	2000-07-21
Spiller Name:	Not reported
Spiller Company:	BULLDOZER
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	DISPATCHER RAMPE
Spiller Phone:	(914) 583-7180
Spiller Extention:	Not reported

CAMP STERNBRG (Continued) **S106011777**

DEC Region:	3
DER Facility ID:	244945
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was WEHRFRITZ
Remarks:	TRUCK FIRE INVOLVING A BULLDOZER LEAKED THE DIESEL ONTO THE ROAD. C LEAN UP STARTED. REQUEST CALL BACK.

SPILLS:

Name:	GARAFOLO RESIDENCE
Address:	1412 MAIN ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0211719 / 2003-12-09
Facility ID:	0211719
Facility Type:	ER
DER Facility ID:	141938
Site ID:	168484
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	6012
Spill Date:	2002-10-01
Investigator:	JBODEE
Referred To:	WESTCHESTER CNTY HEALTH DEPT
Reported to Dept:	2003-02-26
CID:	216
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-02-26
Spill Record Last Update:	2024-05-31
Spiller Name:	UNKNOWN
Spiller Company:	JIM GARAFOLO
Spiller Address:	1412 MAIN ST
Spiller Company:	001
Contact Name:	CAROL SANTIAGO
Latitude:	41.2926198
Longitude:	-73.9113109
DEC Memo:	12/09/03 CLEAN UP COMPLETED. CLOSED BY STEF GOREAU OF THE WESTCHESTER COUNTY HEALTH DEPARTMENT.
Remarks:	caller used to live at the above address she states there is an oil tank outside under the porch that was leaking and the owner never did any thing about it she never called before fearing she would be evicted

All Materials:

Site ID:	168484
Operable Unit ID:	862758
Operable Unit:	01
Material ID:	511507

CAMP STERNBRG (Continued) **S106011777**

Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

AC136 **ROE HOOK PARK** **NY LTANKS** **S100141320**
SW **RT 35/202/6 BEAR MT. PKWY** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.455 mi.
2400 ft. **Site 1 of 2 in cluster AC**

Relative: **Lower**
Actual: **117 ft.**

LTANKS:

Name:	ROE HOOK PARK
Address:	RT 35/202/6 BEAR MT. PKWY
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9004446 / 1990-11-21
Facility ID:	9004446
Site ID:	143958
Spill Date:	1990-07-22
Spill Cause:	Tank Failure
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	Not reported
Cleanup Ceased:	1990-07-23
SWIS:	6012
Investigator:	DUNN
Referred To:	Not reported
Reported to Dept:	1990-07-23
CID:	Not reported
Water Affected:	ANNESVILLE CREEK
Spill Notifier:	Citizen
Last Inspection:	1990-07-23
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1990-08-01
Spill Record Last Update:	1990-11-21
Spiller Name:	Not reported
Spiller Company:	PARCO PETRO.?
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	122736
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	Not reported
Remarks:	CALLER NOTICED OIL LEAKING FROM LARGE STORAGE TANKS INTO CREEK

All Materials:

ROE HOOK PARK (Continued) **S100141320**

Site ID:	143958
Operable Unit ID:	942254
Operable Unit:	01
Material ID:	435542
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Surface Water
Oxygenate:	Not reported

AD137 **ATLANTIC MINI MART** **NY LTANKS S102664376**
NNE **800 NORTH DIVISION STREET** **NY Spills N/A**
1/4-1/2 **PEEKSKILL, NY**
0.459 mi.
2422 ft. **Site 1 of 3 in cluster AD**

Relative: **Lower**

Actual: **147 ft.**

LTANKS:

Name:	ATLANTIC MINI MART
Address:	800 NORTH DIVISION STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9101258 / 1991-05-02
Facility ID:	9101258
Site ID:	63549
Spill Date:	1991-04-30
Spill Cause:	Tank Overfill
Spill Source:	Passenger Vehicle
Spill Class:	C3
Cleanup Ceased:	1953-06-18
SWIS:	6012
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1991-04-30
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-05-02
Spill Record Last Update:	1998-02-09
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	61366
Latitude:	41.3022815
Longitude:	-73.9157251

ATLANTIC MINI MART (Continued) **S102664376**

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY
Remarks: CONTAINED ON BLACKTOP FD AND HD ON SCENE PADS APPLIED AND WILL PICK UP BY EES

All Materials:
Site ID: 63549
Operable Unit ID: 954838
Operable Unit: 01
Material ID: 427380
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

SPILLS:
Name: A PLUS MINI MART
Address: 800 NORTH DIVISION STREET
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 9107995 / 1991-12-09
Facility ID: 9107995
Facility Type: ER
DER Facility ID: 61366
Site ID: 63550
DEC Region: 3
Spill Cause: Unknown
Spill Class: C3
SWIS: 6012
Spill Date: 1991-10-26
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1991-10-26
CID: Not reported
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Citizen
Cleanup Ceased: 1953-06-18
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: True
Remediation Phase: 0
Date Entered In Computer: 1991-11-01
Spill Record Last Update: 1992-02-12
Spiller Name: Not reported
Spiller Company: SAME
Spiller Address: Not reported
Spiller Company: 999
Contact Name: Not reported
Latitude: 41.3022815
Longitude: -73.9157251

ATLANTIC MINI MART (Continued) **S102664376**

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY
Remarks: PEEKSKILL FD AND PD ON SCENE MINI MART PEOPLE VERY UNCOOPEREATIVE GASOLINE TRICKLING INTO STORM DRAIN ON PARKWAY PLACE CALL BACK NEEDED

All Materials:
Site ID: 63550
Operable Unit ID: 962184
Operable Unit: 01
Material ID: 420168
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Not reported
Recovered: .00
Resource Affected: Groundwater
Oxygenate: Not reported

Name: SUNOCO STATION
Address: 800 NORTH DIVISION STREET
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 9703756 / 1997-06-30
Facility ID: 9703756
Facility Type: ER
DER Facility ID: 61366
Site ID: 63551
DEC Region: 3
Spill Cause: Housekeeping
Spill Class: C3
SWIS: 6012
Spill Date: 1997-06-26
Investigator: tdghiosa
Referred To: Not reported
Reported to Dept: 1997-06-26
CID: 266
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: True
Remediation Phase: 0
Date Entered In Computer: 1997-06-26
Spill Record Last Update: 1997-07-23
Spiller Name: Not reported
Spiller Company: SUNOCO STATION
Spiller Address: 800 NORTH DIVISION STREET
Spiller Company: 001
Contact Name: Not reported
Latitude: 41.3022815
Longitude: -73.9157251
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 06/30/97 TANK REMOVAL;

ATLANTIC MINI MART (Continued) **S102664376**

SIGNS OF AN OLD DISCHARGE; REMOVED AS MUCH SOIL AS POSSIBLE; BUILDING CONSTRAINTS;
Remarks: TANK REMOVAL. APPROXIMATELY 10 YARDS OF SOIL REMOVED.

All Materials:

Site ID:	63551
Operable Unit ID:	1049634
Operable Unit:	01
Material ID:	333040
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

AD138 **A PLUS MINI MART** **UST FINDER RELEASE** **1029076937**
NNE **800 NORTH DIVISION STREET** **N/A**
1/4-1/2 **PEEKSKILL, NY 0**
0.459 mi.
2422 ft. **Site 2 of 3 in cluster AD**

Relative:
Lower

Actual:
147 ft.

UST FINDER RELEASE:

Object ID:	258401
Facility ID:	NY61366
Lust ID:	NY9107995
Name:	A PLUS MINI MART
Address:	800 NORTH DIVISION STREET
City,State,Zip:	PEEKSKILL, NY 0
Address Match Type:	Not reported
Reported Date:	1991/10/26 15:59:59+00
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	1379
Domestic Wells within 1500ft:	0
Land Use:	Developed, Open Space
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	2
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported

A PLUS MINI MART (Continued) **1029076937**

Coordinate Source:	State
X Coord:	-73.9157299999999
Y Coord:	41.3022800000001
Latitude:	41.30228
Longitude:	-73.9157299999999

AD139 **SUNOCO STATION** **UST FINDER RELEASE** **1029076938**
NNE **800 NORTH DIVISION STREET** **N/A**
1/4-1/2 **PEEKSKILL, NY 0**
0.459 mi.
2422 ft. **Site 3 of 3 in cluster AD**

Relative:
Lower

Actual:
147 ft.

UST FINDER RELEASE:

Object ID:	258402
Facility ID:	NY61366
Lust ID:	NY9703756
Name:	SUNOCO STATION
Address:	800 NORTH DIVISION STREET
City,State,Zip:	PEEKSKILL, NY 0
Address Match Type:	Not reported
Reported Date:	1997/06/26 15:59:59+00
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	1379
Domestic Wells within 1500ft:	0
Land Use:	Developed, Open Space
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	2
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	State
X Coord:	-73.9157299999999
Y Coord:	41.3022800000001
Latitude:	41.30228
Longitude:	-73.9157299999999

140
NW
1/4-1/2
0.460 mi.
2431 ft.

HUDSONVIEW ESTATES
PEMART AVE
PEEKSKILL, NY

NY LTANKS

S103478204
N/A

Relative:
Lower

Actual:
162 ft.

LTANKS:

Name:	HUDSONVIEW ESTATES
Address:	PEMART AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9805516 / 1998-12-11
Facility ID:	9805516
Site ID:	100529
Spill Date:	1998-08-03
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODEE
Referred To:	WESTCHESTER CNTY HEALTH DEPT
Reported to Dept:	1998-08-03
CID:	323
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-08-03
Spill Record Last Update:	2024-05-31
Spiller Name:	MARIO COSMO
Spiller Company:	HUDSONVIEW ESTATES
Spiller Address:	PEMART AV
Spiller County:	001
Spiller Contact:	MARIO COSMO
Spiller Phone:	(914) 279-2887
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	89237
Latitude:	41.3015249
Longitude:	-73.9256950
DEC Memo:	Not reported
Remarks:	UNCOVER TOP OF TANKS, ISOLATE PIPES AND RETEST.

All TTF:

Facility ID:	9805516
Spill Number:	9805516
Spill Tank Test:	1546125
Site ID:	100529
Tank Number:	BLD A
Tank Size:	1000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II

HUDSONVIEW ESTATES (Continued) **S103478204**

Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported
Facility ID:	9805516
Spill Number:	9805516
Spill Tank Test:	1546126
Site ID:	100529
Tank Number:	BLD D
Tank Size:	1000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported
Facility ID:	9805516
Spill Number:	9805516
Spill Tank Test:	1546127
Site ID:	100529
Tank Number:	BLD F
Tank Size:	1000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	100529
Operable Unit ID:	1066691
Operable Unit:	01
Material ID:	320258
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

AB141 **PEEKSKILL AMBULANCE** **NY LTANKS** **S108298749**
ESE **1427 MAIN STREET** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.475 mi.
2506 ft. **Site 2 of 2 in cluster AB**

Relative:
Higher

Actual:
188 ft.

LTANKS:

Name:	PEEKSKILL AMBULANCE
Address:	1427 MAIN STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0608802 / 2007-02-04
Facility ID:	0608802
Site ID:	372836
Spill Date:	2006-10-31
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	JBODee
Referred To:	Not reported
Reported to Dept:	2006-10-31
CID:	408
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-10-31
Spill Record Last Update:	2007-02-04
Spiller Name:	JOE TOMASULO
Spiller Company:	PEEKSKILL AMBULANCE
Spiller Address:	1427 MAIN STREET
Spiller County:	001
Spiller Contact:	JOE TOMASULO
Spiller Phone:	(914) 276-8690
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	322562
Latitude:	41.2924916
Longitude:	-73.9100786
DEC Memo:	February 4, 2007: MADISON ENERGY DISPOSED OF LUST AND 5.73 TONS OF CONTAMINATED SOIL. BASED UPON INFORMATION PROVIDED TO DEC, NO FURTHER ACTION IS REQUIRED AT THIS TIME. jod
Remarks:	WHILE REMOVING 1000 GALLON TANK FOUND HOLES AND SPILL WAS DISCOVERED; NOT YET CONTAINED OR CLEANED; WAITING FOR SOIL SAMPLE;

All Materials:

Site ID:	372836
Operable Unit ID:	1130569
Operable Unit:	01
Material ID:	2120239
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G

PEEKSKILL AMBULANCE (Continued) **S108298749**

Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

AE142 **LUZ HOME** **NY LTANKS** **S108297191**
SE **15 CHARLES STREET** **NY Spills** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.477 mi.
2517 ft. **Site 1 of 2 in cluster AE**

Relative: **Lower**
Actual: **171 ft.**

LTANKS:
Name: MAITA HOME
Address: 15 CHARLES STREET
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 0611931 / 2007-03-23
Facility ID: 0611931
Site ID: 376674
Spill Date: 2007-01-29
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 6012
Investigator: TDGHIOSA
Referred To: Not reported
Reported to Dept: 2007-01-29
CID: 444
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2007-01-29
Spill Record Last Update: 2007-03-23
Spiller Name: JOE TOMASULO
Spiller Company: MAITA HOME
Spiller Address: 15 CHARLES STREET
Spiller County: 001
Spiller Contact: JOE TOMASULO
Spiller Phone: (914) 276-8690
Spiller Extention: Not reported
DEC Region: 3
DER Facility ID: 327114
Latitude: 41.2920516
Longitude: -73.9110686
DEC Memo: 03/13/07 Madison Environmental reported that leaking tank was removed along with 43.39 tons of PCS. NFA TG
Remarks: removal of tank found contamianetd soil

All Materials:
Site ID: 376674
Operable Unit ID: 1134240
Operable Unit: 01
Material ID: 2124098
Material Code: 0001A

LUZ HOME (Continued) **S108297191**

Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

SPILLS:

Name:	LUZ HOME
Address:	15 CHARLES STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0610999 / 2008-08-14
Facility ID:	0610999
Facility Type:	ER
DER Facility ID:	327114
Site ID:	375551
DEC Region:	3
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	6012
Spill Date:	2007-01-02
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2007-01-02
CID:	444
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2007-01-02
Spill Record Last Update:	2008-08-14
Spiller Name:	LUZ HOME
Spiller Company:	LUZ HOME
Spiller Address:	15 CHARLES STREET
Spiller Company:	001
Contact Name:	LUZ HOME
Latitude:	41.2920516
Longitude:	-73.9110686
DEC Memo:	8/14/08: See spill 06-11931
Remarks:	Not reported

All Materials:

Site ID:	375551
Operable Unit ID:	1133178
Operable Unit:	01
Material ID:	2122979
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported

LUZ HOME (Continued) **S108297191**

Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

AC143 **SPILL NUMBER 0201382** **NY LTANKS** **S105995814**
SW **660 MAIN ST** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.481 mi.
2539 ft. **Site 2 of 2 in cluster AC**

Relative:
Lower

Actual:
112 ft.

LTANKS:

Name:	SPILL NUMBER 0201382
Address:	660 MAIN ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0201382 / 2002-05-13
Facility ID:	0201382
Site ID:	150976
Spill Date:	2002-05-07
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2002-05-07
CID:	270
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-05-07
Spill Record Last Update:	2002-06-03
Spiller Name:	TONYA LINDROOS
Spiller Company:	TONYA LINDROSS
Spiller Address:	660 MAIN ST
Spiller County:	001
Spiller Contact:	TONYA LINDROOS
Spiller Phone:	(914) 736-3245
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	128314
Latitude:	41.2902411
Longitude:	-73.9265773
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE PASSED RETEST AFTER PIPING WAS REPLACED. NFA
Remarks:	UNCOVER REPAIR RETEST

All TTF:

Facility ID:	0201382
Spill Number:	0201382

SPILL NUMBER 0201382 (Continued) **S105995814**

Spill Tank Test:	1527110
Site ID:	150976
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	150976
Operable Unit ID:	854655
Operable Unit:	01
Material ID:	522797
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

AE144 **LINCOLN TITUS SCHOOL** **NY LTANKS** **S102673940**
ESE **LINCOLN AVE** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.483 mi.
2549 ft. **Site 2 of 2 in cluster AE**

Relative: **Lower**
Actual: **172 ft.**

LTANKS:

Name:	LINCOLN TITUS SCHOOL
Address:	LINCOLN AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	9209910 / 1993-03-08
Facility ID:	9209910
Site ID:	227595
Spill Date:	1992-11-25
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	1993-03-08
SWIS:	6000
Investigator:	tdghiosa
Referred To:	Not reported
Reported to Dept:	1992-11-25
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party

LINCOLN TITUS SCHOOL (Continued) **S102673940**

Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1992-12-04
Spill Record Last Update:	1998-01-14
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	281844
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was GHIOSAY 11/25/92: SPOKE WITH MIKE NEWELL & STEVE MASLANSKI (WC HAZMAT) WC HAZMAT ON SCENE MATERIAL IS CONTAINED ON GRASS AND DIKED ON PAVEMENT SPOKE WITH BILL SCHNEIDER (WCHD) THEY ARE ALSO ENROUTE. 12/02/92: SPOKE WITH MIKE NEWELL SPILL CLEAN UP HAS BEEN DONE TO HIS SATISFACTION. NFA.
Remarks:	CUSTOMER TOLD DRIVER TO DELIVER 6,700 GAL. SPILL OCCCURRED AT 5,400 GAL. OIL TO VENT AND ONTO GRASS AND CONCRETE DRIVER APPLIED SPEEDI-DRI SPILL TEAM AND AL EASTMAN TO CLEAN SPILL PEEKSKILL FD RESPOND

All Materials:

Site ID:	227595
Operable Unit ID:	976412
Operable Unit:	01
Material ID:	406938
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

AF145 **SPILL NUMBER 0004310** **NY LTANKS** **S104781856**
South **147 UNION AVE** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.494 mi.
2606 ft. **Site 1 of 2 in cluster AF**

Relative: LTANKS:
Lower

Name:	SPILL NUMBER 0004310
Address:	147 UNION AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0004310 / 2000-09-28
Facility ID:	0004310
Site ID:	63230

Actual:
168 ft.

SPILL NUMBER 0004310 (Continued) **S104781856**

Spill Date:	2000-05-23
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	B4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	jbodee
Referred To:	Not reported
Reported to Dept:	2000-07-11
CID:	211
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-07-11
Spill Record Last Update:	2000-10-23
Spiller Name:	C J MILLER
Spiller Company:	Not reported
Spiller Address:	147 UNION AV
Spiller County:	001
Spiller Contact:	C J MILLER
Spiller Phone:	(914) 739-1253
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	61140
Latitude:	41.2882731
Longitude:	-73.9203399
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'DEE 07/11/2000 D.T. SPOKE TO SUSAN AT NATIONAL ENV. SPEC. - APPARENTLY NO SPILL WAS EVER CALLED IN BY PREVIOUS COMPANY, ENVIROSTAR. 09/28/2000 NES DISPOSED OF TANK AND 78.50 TONS OF CONTAMINATED SOIL. NFA
Remarks:	caller's firm took over for another company to remediate spill - apparently there is water in oil tank

All Materials:

Site ID:	63230
Operable Unit ID:	825539
Operable Unit:	01
Material ID:	571873
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

AF146 **GUEVARA RESIDENCE** **NY LTANKS** **S109583764**
South **150 UNION AVE** **N/A**
1/4-1/2 **PEEKSKILL, NY**
0.498 mi.
2631 ft. **Site 2 of 2 in cluster AF**

Relative: **Lower**

Actual: **167 ft.**

LTANKS:

Name:	GUEVARA RESIDENCE
Address:	150 UNION AVE
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0900330 / 2010-05-19
Facility ID:	0900330
Site ID:	412258
Spill Date:	2009-04-09
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	6012
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2009-04-09
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2009-04-09
Spill Record Last Update:	2010-05-19
Spiller Name:	WILLIE SILSDORF
Spiller Company:	UNKNOWN
Spiller Address:	150 UNION AVE
Spiller County:	999
Spiller Contact:	WILLIE SILSDORF
Spiller Phone:	(914) 774-2508
Spiller Extention:	Not reported
DEC Region:	3
DER Facility ID:	361437
Latitude:	41.2881816
Longitude:	-73.9207386
DEC Memo:	4-8-09 Willie says it ws an ullage failure, but tank only had about 9 of product in it. He also says tank is about 3 below grade, so it could be a fitting problem. jc 05/10/10 Northeast Environmental reported that they excavated adn removed one 550 gallon tank. No impacted soil present as confirmed by soil sample results. NFA TG
Remarks:	TANK TEST FAILURE ON A 550 GALLON UST UNK IF ANY PRODUCT WAS SPILLED.

All Materials:

Site ID:	412258
Operable Unit ID:	1168741
Operable Unit:	01
Material ID:	2160357
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported

GUEVARA RESIDENCE (Continued) **S109583764**

Units: G
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

AG147 **EDNALITE CORP** **CORRACTS** **1000148990**
WSW **200 N WATER ST** **RCRA-TSDF** **NYD001392273**
1/2-1 **PEEKSKILL, NY 10566** **NY Spills**
0.697 mi. **RCRA NonGen / NLR**
3682 ft. **Site 1 of 3 in cluster AG** **FINDS**
ECHO
Relative: **NY MANIFEST**
Lower

Actual: **16 ft.**

CORRACTS:
Name: EDNALITE CORP
Address: 200 N WATER ST
Address 2: Not reported
EPA ID: NYD001392273
Area Name: SITEWIDE
Corrective Action: RFA COMPLETED
Actual Date: 19950411
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: EDNALITE CORP
Address: 200 N WATER ST
Address 2: Not reported
EPA ID: NYD001392273
Area Name: SITEWIDE
Corrective Action: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY
Actual Date: 19950411
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: EDNALITE CORP
Address: 200 N WATER ST
Address 2: Not reported
EPA ID: NYD001392273
Area Name: SITEWIDE
Corrective Action: CA PRIORITIZATION-HIGH CA PRIORITY
Actual Date: 19930908
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: EDNALITE CORP
Address: 200 N WATER ST
Address 2: Not reported
EPA ID: NYD001392273
Area Name: SITEWIDE
Corrective Action: CA PRIORITIZATION-LOW CA PRIORITY

EDNALITE CORP (Continued) **1000148990**

Actual Date: 20040113
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: EDNALITE CORP
Address: 200 N WATER ST
Address 2: Not reported
EPA ID: NYD001392273
Area Name: SITEWIDE
Corrective Action: REFERRED TO A NON-RCRA AUTHORITY-REFERRED TO CERCLA
Actual Date: 19950411
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: EDNALITE CORP
Address: 200 N WATER ST
Address 2: Not reported
EPA ID: NYD001392273
Area Name: SITEWIDE
Corrective Action: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION
Actual Date: 19950331
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

RCRA TSDF:
Treatment Storage and Disposal Type: Storage
Full Enforcement Universe: Not reported
Corrective Action Workload Universe: No
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Storage
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
Operating TSDF Universe: Not reported
Commercial TSD Indicator: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: No

SPILLS:
Name: CATCH BASIN
Address: 200 NORTH WATER STREET
City,State,Zip: PEEKSKILL, NY
Spill Number/Closed Date: 1109504 / 2013-07-03
Facility ID: 1109504
Facility Type: ER

EDNALITE CORP (Continued) **1000148990**

DER Facility ID:	411758
Site ID:	457280
DEC Region:	3
Spill Cause:	Other
Spill Class:	B3
SWIS:	6012
Spill Date:	2011-10-30
Investigator:	TDGHIOSA
Referred To:	Not reported
Reported to Dept:	2011-10-30
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	2011-11-04
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-10-30
Spill Record Last Update:	2013-07-03
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	ERT
Latitude:	Not reported
Longitude:	Not reported
DEC Memo:	10/30/11 Same as 1109500. Initially reported by PD and Westchester County. County had said transformer was down in roadway in commercial area. They also reported that there was no issues of concern, just needed clean up. I called ERT, who sent someone investigate. Con Ed then reported this spill number and an NRC report. Catch basin affected. Contractor route. jc 11/4/11: DEC site inspection. Con Ed crew is on site, drilling to install a new utility pole. Several of the poles on this street were knocked down during the storm last weekend. The catch basins are clean. Some large areas of staining still apparent on the black top. A few small areas remain where speddi-dry still needs to be swept up and drummed for disposal. Con Ed still working on this clean up. jod
Remarks:	Caller advised transformer spilled entire contents due to weather unknown if all 75 gallons went into the catch basin. Clean up is pending.

All Materials:

Site ID:	457280
Operable Unit ID:	1207406
Operable Unit:	01
Material ID:	2204680
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum

EDNALITE CORP (Continued) **1000148990**

Quantity:	75.00
Units:	G
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	ROADWAY
Address:	200 NORTH WATER STREET
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	1109500 / 2011-10-30
Facility ID:	1109500
Facility Type:	ER
DER Facility ID:	411758
Site ID:	457276
DEC Region:	3
Spill Cause:	Other
Spill Class:	C3
SWIS:	6012
Spill Date:	2011-10-30
Investigator:	JPCUMMIN
Referred To:	Not reported
Reported to Dept:	2011-10-30
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Police Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-10-30
Spill Record Last Update:	2011-10-30
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	DISPATCHER ALLY
Latitude:	41.2916090
Longitude:	-73.9324681
DEC Memo:	10/30/11 See 1109504. jc
Remarks:	1207 THE CALLER ADVISED DISPATCH THE SPILL WAS DUE TO SEVERE SNOW STORM WHICH CAUSED THE UNIT TO FALL AND SPILL. UNKNOWN AMOUNT. CLEAN UP IS UNKNOWN.

All Materials:

Site ID:	457276
Operable Unit ID:	1207402
Operable Unit:	01
Material ID:	2204676
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported

EDNALITE CORP (Continued) **1000148990**

Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Name:	LEAKING UST
Address:	200 NORTH WATER ST
City,State,Zip:	PEEKSKILL, NY
Spill Number/Closed Date:	0110347 / 2002-02-15
Facility ID:	0110347
Facility Type:	ER
DER Facility ID:	87438
Site ID:	98246
DEC Region:	3
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	6012
Spill Date:	2001-12-10
Investigator:	WCHD
Referred To:	WESTCHESTER CNTY HEALTH DEPT
Reported to Dept:	2002-01-28
CID:	281
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-01-28
Spill Record Last Update:	2022-03-03
Spiller Name:	SAME
Spiller Company:	PHILLIP MILLER
Spiller Address:	1 HIGHLAND INDUST PK DR
Spiller Company:	001
Contact Name:	PHILLIP MILLER
Latitude:	41.2915927
Longitude:	-73.9324430
DEC Memo:	02/15/2002 LETTER SENT TO NORTH WATER ST CORP BY C. LALAK (WCDOH); BASED ON CLOSURE REPORT FROM ADVANCED ENV., WCDOH REQUIRES NO FURTHER ACTION AT THIS TIME. SPILL NUMBER CLOSED.
Remarks:	SOIL SAMPLES REVEAL CONTAMINATION AT ABOVE LOCATION. COUNTY HEALTH DEPARTMENT HAS BEEN ON SITE. TANK IS LOCATED IS UNDER BUILDING. FURTHER TESTING TO BE PERFORMED.

All Materials:

Site ID:	98246
Operable Unit ID:	847502
Operable Unit:	01
Material ID:	527973
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported

EDNALITE CORP (Continued) **1000148990**

Units:	G
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Ednalite Corp
Handler Address:	N Water St
Handler City,State,Zip:	PEEKSKILL, NY 10566
EPA ID:	NYD001392273
Contact Name:	HARRY MCFARLAND
Contact Address:	N WATER ST
Contact City,State,Zip:	PEEKSKILL, NY 10566
Contact Telephone:	914-737-4100
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	C
Active Site Indicator:	Not reported
State District Owner:	Ny
State District:	NYSDEC R3
Mailing Address:	N WATER ST
Mailing City,State,Zip:	PEEKSKILL, NY 10566
Owner Name:	Barrie W Selesko
Owner Type:	Private
Operator Name:	Ednalite Corp
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	Low

EDNALITE CORP (Continued) **1000148990**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	F001
Waste Description:	The Following Spent Halogenated Solvents Used In Degreasing: Tetrachloroethylene, Trichlorethylene, Methylene Chloride, 1,1,1-Trichloroethane, Carbon Tetrachloride And Chlorinated Fluorocarbons; All Spent Solvent Mixtures/Blends Used In Degreasing Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Halogenated Solvents Or Those Solvents Listed In F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.
Waste Code:	F003
Waste Description:	The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: EDNALITE CORP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	200 NORTH WATER STREET
Owner/Operator City,State,Zip:	OPERCITY, NY 99999
Owner/Operator Telephone:	914-737-4100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner

EDNALITE CORP (Continued) **1000148990**

Owner/Operator Name: BARRIE W SELESKO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 415 MADISON AVE H FEINBERG
Owner/Operator City,State,Zip: NEW YORK, NY 10017
Owner/Operator Telephone: 212-683-6400
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BARRIE W SELESKO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 415 MADISON AVE H FEINBERG
Owner/Operator City,State,Zip: NEW YORK, NY 10017
Owner/Operator Telephone: 212-683-6400
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EDNALITE CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 200 NORTH WATER STREET
Owner/Operator City,State,Zip: OPERCITY, NY 99999
Owner/Operator Telephone: 914-737-4100
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19810301
Handler Name: EDNALITE CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19791231
Handler Name: EDNALITE CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

EDNALITE CORP (Continued) **1000148990**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: EDNALITE CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: EDNALITE CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19801224
Handler Name: EDNALITE CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: Ny
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19841011
Actual Return to Compliance Date: 19850529
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19850429

EDNALITE CORP (Continued) **1000148990**

Enforcement Identifier:	001
Date of Enforcement Action:	19850329
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NYDEC
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19890406
Actual Return to Compliance Date:	19901105
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	003
Date of Enforcement Action:	19901105
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NYDEC
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

EDNALITE CORP (Continued) **1000148990**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19860930
Actual Return to Compliance Date: 19870115
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19861123

EDNALITE CORP (Continued) **1000148990**

Enforcement Identifier:	002
Date of Enforcement Action:	19861023
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NYDEC
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19890406
Actual Return to Compliance Date:	19901105
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	004
Date of Enforcement Action:	19890920
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	NYDEC
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported

EDNALITE CORP (Continued) **1000148990**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19841011
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19850529
Scheduled Compliance Date:	19850429
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19890406
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19901105
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880420
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19860930
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported

EDNALITE CORP (Continued) **1000148990**

Actual Return to Compliance Date:	19870115
Scheduled Compliance Date:	19861123
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890406
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19901105
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110000616325

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000148990
Registry ID: 110000616325

DFR URL:
Name: EDNALITE CORP
Address: 200 N WATER ST
City,State,Zip: PEEKSKILL, NY 10566

NY MANIFEST:
EPA ID: NYD001392273

EDNALITE CORP (Continued) **1000148990**

Country:	USA
Name:	Ednalite Corp
Address:	200 N WATER ST
Address 2:	Not reported
City,State,Zip:	PEEKSKILL, NY 10566
Zip 4:	Not reported
Location Address 1:	200 NORTH WATER ST
Location Address 2:	Not reported
Location City,State,Zip:	PEEKSKILL, NY 10566
Location Zip 4:	2057
Facility Status:	Not reported
Total Tanks:	Not reported
Code:	BP

Mailing:

Mailing Name:	Ednalite Corp
Mailing Contact:	Mcfarland Harry President
Mailing Address 1:	200 NORTH WATER ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	PEEKSKILL, NY 10566
Mailing Zip 4:	2057
Mailing Country:	USA
Mailing Phone:	9147374100

Manifest Data:

Document ID:	CTA0046907
Manifest Status:	C - Completed copy
Trans1 State ID:	CT56280
Year:	1984
Trans2 State ID:	Not reported
Generator Ship Date:	841212
Trans1 Recv Date:	841212
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	841212
Part A Recv Date:	841218
Part B Recv Date:	841219
Generator EPA ID:	NYD001392273
Trans1 EPA ID:	CTD009717604
Trans2 EPA ID:	Not reported
TSDF ID 1:	CTD009717604
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING

EDNALITE CORP (Continued) **1000148990**

CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	03252
Units:	Pounds
Number of Containers:	006
Container Type:	Metal drums, barrels, kegs
Handling Method:	Treat
Specific Gravity:	100
Document ID:	NJA0241522
Manifest Status:	C - Completed copy
Trans1 State ID:	NJDEPS-57
Year:	1986
Trans2 State ID:	Not reported
Generator Ship Date:	861223
Trans1 Recv Date:	861223
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	861223
Part A Recv Date:	870113
Part B Recv Date:	870106
Generator EPA ID:	NYD001392273
Trans1 EPA ID:	NJD990720658
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002182897
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported

EDNALITE CORP (Continued) **1000148990**

Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	00055
Units:	Gallons (liquids only)
Number of Containers:	001
Container Type:	Metal drums, barrels, kegs
Handling Method:	Treat
Specific Gravity:	100
Document ID:	NYO2049741
Manifest Status:	C - Completed copy
Trans1 State ID:	CT-009
Year:	1983
Trans2 State ID:	Not reported
Generator Ship Date:	830920
Trans1 Recv Date:	830920
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830920
Part A Recv Date:	030926
Part B Recv Date:	030926
Generator EPA ID:	NYD001392273
Trans1 EPA ID:	CTD009717604
Trans2 EPA ID:	Not reported
TSDF ID 1:	CTD009717604
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code 1:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Quantity:	01000
Units:	Gallons (liquids only)
Number of Containers:	020
Container Type:	Metal drums, barrels, kegs
Handling Method:	Recycle
Specific Gravity:	100
Waste Code 7:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

EDNALITE CORP (Continued) **1000148990**

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code 8:	Not reported
Waste Code:	Not reported
Waste Code 10:	Not reported
Waste Code 11:	Not reported
Quantity:	00400
Units:	Gallons (liquids only)
Number of Containers:	008
Container Type:	Metal drums, barrels, kegs
Handling Method:	Treat
Specific Gravity:	100
Waste Code 12:	IGNITABLE WASTE
Waste Code 13:	Not reported
Waste Code 14:	Not reported
Waste Code 15:	Not reported
Waste Code 16:	Not reported
Quantity:	00100
Units:	Gallons (liquids only)
Number of Containers:	002
Container Type:	Metal drums, barrels, kegs
Handling Method:	Treat
Specific Gravity:	100

Document ID:	MAC0057820
Manifest Status:	K - Completed after the designated time
Trans1 State ID:	MA3631
Year:	1986
Trans2 State ID:	Not reported
Generator Ship Date:	861112
Trans1 Recv Date:	861112
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	861117
Part A Recv Date:	861210
Part B Recv Date:	861125
Generator EPA ID:	NYD001392273
Trans1 EPA ID:	MAD019371079
Trans2 EPA ID:	Not reported
TSDF ID 1:	MAD019371079
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported

EDNALITE CORP (Continued) **1000148990**

Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code 1: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code 2: Not reported
Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Quantity: 00200
Units: Gallons (liquids only)
Number of Containers: 004
Container Type: Metal drums, barrels, kegs
Handling Method: Recycle
Specific Gravity: 100

AG148 **CON EDISON - PEMART AVE WORKS-PEEK. MGP** **EDR MGP** **1008408016**
WSW **189-199 NORTH WATER STS.** **N/A**
1/2-1 **PEEKSKILL, NY 10566**
0.700 mi.
3694 ft. **Site 2 of 3 in cluster AG**

Relative: EDR MGP:
Lower
No additional information available

Actual:
17 ft.

AG149 **CE - PEMART AVE-PEEKSKILL MGP** **NY SHWS** **S121933892**
WSW **189-199 NORTH WATER STS.** **NY MGP** **N/A**
1/2-1 **PEEKSKILL, NY 11111**
0.700 mi.
3694 ft. **Site 3 of 3 in cluster AG**

Relative: SHWS:
Lower
Name: CE - PEMART AVE-PEEKSKILL MGP
Actual: Address: 189-199 NORTH WATER STS.
17 ft. City,State,Zip: PEEKSKILL, NY 11111
Program: HW
Site Code: 566776
Classification: A
Region: 3
Acres: 2.750
HW Code: 360166
Record Add: 02/13/2018
Record Upd: 06/25/2024
Updated By: KATHOMPS
Site Description: "Transitioning from VCP site V00566 CE - Pemart Ave-Peekskill MGP Site Description Location: The site is a former Manufactured Gas Plant (MGP) located on Pemart Avenue in Peekskill, Westchester

CE - PEMART AVE-PEEKSKILL MGP (Continued) **S121933892**

County. The site is bounded on the west by the Hudson River and Metro North railroad tracks. Vacant land and US Highway 6 border the site to the north and east. A city park and the Peekskill Landing Environmental Restoration Program (ERP) site are located to the south. Site Features: Several buildings occupy the site including the former electric generating plant building. Remnants of one of the former MGP gas holders are still present on the hillside along the eastern part of the site. The Metro North railroad runs through the site. Current Zoning and Land Use: The Site is located on inland property that is zoned WF-2. This zoning generally allows commercial uses, parks and playgrounds, and restaurants of limited size. A homeless shelter had occupied one of the on-site buildings. Also a taxi service operates out of a garage. The remainder of the building space is vacant. Past Use of the Site: The MGP operated from 1899 through 1931, when it was placed into stand-by status for several years prior to closure. The electric generating plant operated from 1905 to 1950. After closure of the MGP, the site operated as a gas storage station until 1966. Operable Units: The site was divided into two operable units. An operable unit represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination. OU-1 is the contaminated area on-site. It consists of the upland area including the railroad tracks and the former MGP and electric generating plant structures. OU-2 is the area of off-site contamination located west of the railroad tracks. It consists of a contaminated portion of land along the railroad tracks and contamination in the sediments of Peekskill Bay of the Hudson River. Site Geology and Hydrogeology: The geology consists of fill underlain by sands, silt, clay and sediment. The fill unit varies across the site but is generally ten to fifteen feet thick. Below the fill is the silt and clay layer, which is located at various depths ranging from ten to twenty feet deep. There are interbedded layers of sand present in the silt/clay material. Groundwater is located at approximately 3 to 8 feet below ground surface. Groundwater flow is to the west towards the Hudson River. "

Env Problem: "Current Status: Remedial activities were completed on OU1 in 2022. MGP impacted soil was excavated and sent off-site for disposal. Afterwards, the site was restored with clean material to the site’s original grade. Mobilization to begin remediation of OU2 began in March 2024. Nature and Extent of Contamination: For OU 1: On Site Areas Based upon investigations conducted to date, the primary contaminants are derived from coal tar in the form of a non-aqueous phase liquid (NAPL), the constituents of concern include benzene, toluene, ethylbenzene, xylene (BTEX), and polyaromatic hydrocarbons (PAHs). Soil Soil exceeds cleanup goals for MGP related coal tar and PAHs. Areas of subsurface soil in the vicinity of the gas holders are grossly contaminated with coal tar. Significant non-aqueous phase liquid (NAPL) is present in the former holder areas at depths of approximately three to eight feet below ground surface (bgs). Grossly contaminated soil is evident to the west along the top of the silt and clay layer. In addition, PAH exceedances are found in the surface/subsurface soil across the site. The highest concentrations of total PAHs for surface soil samples were detected at 110 parts per million (ppm) of benzo(a)anthracene, 100 ppm of benzo(a)pyrene, 83 ppm of benzo(b)fluoranthene, 110 ppm of chrysene, 16 ppm of dibenzo(a,h)anthracene and 43 ppm of indeno(1,2,3-cd). In addition,

CE - PEMART AVE-PEEKSKILL MGP (Continued) **S121933892**

total PAHs were detected in subsurface soil above 500 ppm at numerous locations. The highest detection of total PAHs was in the two to three foot interval of a soil boring at 52,630 ppm. Groundwater - Overburden groundwater quality is impacted with coal tar. Several groundwater monitoring wells were observed to contain MGP related NAPL. The most highly contaminated wells are located downgradient (to the west) of the former gas holders. NAPL has been observed in wells screened at depths ranging from five to twenty feet. The contamination is generally observed in wells screened along the top of the confining silt and clay layer. BTEX compounds were detected in overburden groundwater above their respective groundwater standards. The highest detections of BTEX compounds were in a well located downgradient of the former gas holders screened from 4 - 14 feet below grade. In this well benzene was detected at 51 ppb, ethylbenzene at 560 ppb, toluene at 6.4 ppb and xylene (total) at 100 ppb. The standards are 5 parts per billion (ppb) for each compound except benzene which has a standard of 1 ppb. In general, BTEX was detected in areas where coal tar was observed. Wells which contained NAPL or sheen were not sampled. Soil Vapor - Sub-slab and indoor air samples were collected from both on-site and off-site buildings during the heating season. In addition, five soil vapor samples were collected on-site. Some volatile organic compounds were detected in indoor air at both the on- and off-site sample locations, but at or below typical background concentrations. Upon comparison to corresponding sub-slab soil vapor concentrations and products used and stored within the buildings, it appears the indoor air detections are related to current or past operations within the buildings. Several chlorinated volatile organic compounds, not related to historic MGP operations, were detected at elevated concentrations in both on- and off-site sub-slab soil vapor samples. 1,1,1-trichloroethane (1,1,1-TCA), tetrachloroethene (PCE), and trichloroethene (TCE) were detected in on-site sub-slab soil vapor at concentrations as high as 50, 110, and 4,400 micrograms per cubic meter (mcg/m3), respectively. PCE was detected as high as 130 mcg/m3 in sub-slab soil vapor at the off-site location. PCE and TCE were also detected in the on-site soil vapor samples as high as 1,000 mcg/m3 and 170,000 mcg/m3, respectively. Sampling indicates that exposure to site-related MGP contamination from soil vapor intrusion is not a concern for the site. However, exposure to for volatile organic compounds unrelated to the former MGP facility) exposure through the soil vapor intrusion pathway represents a concern for one on-site building and exposure to non-MGP related volatile organic compounds represents a potential concern for one off-site building. The Volunteer, in accordance with the Voluntary Cleanup Agreement, is not responsible for remediation of non-MGP related contamination. The owners of affected properties have been notified where mitigation or monitoring of impacts to indoor air is required. For OU 2: Off Site Areas Based upon investigations conducted to date, the primary contaminants are derived from coal tar in the form of a non-aqueous phase liquid (NAPL), the constituents of concern include benzene, toluene, ethylbenzene, xylene (collectively known as BTEX), and polyaromatic hydrocarbons (PAHs). Soil - Off-site soil exceeds cleanup goals for MGP related coal tar and PAHs. Off-site areas of subsurface soil downgradient of the former gas holder are grossly contaminated with coal tar. The grossly contaminated soil is the result of coal tar migration to the west from the site along the top of the silt and clay layer and is generally present at depths of

CE - PEMART AVE-PEEKSKILL MGP (Continued) **S121933892**

approximately 20 to 25 feet in this area. In addition, PAH exceedances were found in the subsurface soil at concentrations above 500 ppm. The highest detection of PAHs was in the 17 to 19 foot interval of a soil boring at 2,034 ppm. Groundwater - Several off-site groundwater monitoring wells were observed to contain MGP related NAPL. The most highly contaminated wells are located downgradient of the former gas holders. NAPL was observed in these wells at depths of approximately 20 to 25 feet below ground surface (bgs). NAPL is generally observed in wells screened along the top of the confining silt and clay layer. BTEX compounds were only detected in wells located in OU-2, which contained NAPL or sheens. Sediment - Coal tar was observed in several sediment borings at depths ranging from five to ten feet below the riverbed in the impacted portion of the Hudson River. The contamination has migrated beneath the river along the top of the confining silt/clay layer and surface sediments. PAHs were also detected in sediment. The highest detection of PAHs was 117,362 ppm in a sediment sample from the 0.5 to 2 foot interval. The sediment investigation indicated that PAH contamination is coincident with visual contamination. Soil Vapor - There are no structures on OU-2 and thus no sampling was performed. Special resources impacted/threatened: During the RI, a Fish and Wildlife Impact Assessment (FWIA) was completed. The FWIA documented that contamination has migrated into the nearby Hudson River sediments and is likely impacting the habitat in the river. "

Health Problem: "Contact with contaminated soil or groundwater is unlikely unless an individual digs below the ground surface. Contaminated groundwater at the site is not used for drinking or other purposes and the surrounding community is served by a public water supply that obtains water from a distant source. People may come in contact with contaminants present in sediments while entering and exiting the river during recreational activities. Volatile organic compounds in the groundwater or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Soil vapor intrusion sampling identified impacts beneath one on-site building but none in the indoor air. Therefore, inhalation of site contaminants in indoor air due to soil vapor intrusion does not represent a current concern. The potential, however, exists for the inhalation of non-MGP related contaminants due to soil vapor intrusion for any future on-site redevelopment. Sampling indicates a similar soil vapor intrusion concern for one off-site building."

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: Document Repository
Sub Type: NNN

CE - PEMART AVE-PEEKSKILL MGP (Continued) **S121933892**

Owner Name:	Not reported
Owner Company:	Peekskill Library
Owner Address:	4 Nelson Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	PEEKSKILL, NY 10566
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	C/O PHILIP G. MILLER
Owner Company:	200 NORTH WATER CORP.
Owner Address:	ONE HIGHLAND IND. PK.
Owner Addr2:	Not reported
Owner City,St,Zip:	PEEKSKILL, NY 10566
Owner Country:	United States of America
Own Op:	6
Sub Type:	01
Owner Name:	Kenneth Kaiser
Owner Company:	Consolidated Edison Company of NY, Inc.
Owner Address:	31-01 20th Ave Building 136, 2nd Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Long Island City, NY 11105
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	Not reported
Owner Company:	RIVERTOWN ASSOCIATES
Owner Address:	524 NORTH AVE.
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW ROCHELLE, NY 10801
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	NYSDEC Region 3
Owner Address:	21 South Putt Corners Road
Owner Addr2:	Not reported
Owner City,St,Zip:	New Paltz, NY 12561
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	1807728
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2022-01-31 10:38:00
Record Updated:	2022-01-31 10:38:00
Updated By:	KABROWNE
Crossref ID:	2109026
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2022-01-18 15:26:00
Record Updated:	2022-01-18 15:26:00
Updated By:	JBODEE
Crossref ID:	2110103
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.

CE - PEMART AVE-PEEKSKILL MGP (Continued) **S121933892**

Record Added Date: 2022-03-03 09:14:00
Record Updated: 2022-03-03 09:14:00
Updated By: JYMILLER
Crossref ID: 1409119
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2024-04-23 10:29:00
Record Updated: 2024-04-23 10:29:00
Updated By: JBODEE
Crossref ID: 9614368
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2024-04-23 10:30:00
Record Updated: 2024-04-23 10:30:00
Updated By: JBODEE
Crossref ID: 9802343
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2023-05-26 15:27:00
Record Updated: 2023-05-26 15:27:00
Updated By: JBODEE
Crossref ID: 2400670
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2024-04-23 10:25:00
Record Updated: 2024-04-23 10:25:00
Updated By: JBODEE

MGP:

Site ID:	360166
Name:	CE - PEMART AVE-PEEKSKILL MGP
Address:	189-199 NORTH WATER STS.
City,State,Zip:	PEEKSKILL, NY 11111
Region:	3
Class:	Active: The classification assigned to a non-registry site in any remedial program where work is underway and not yet complete (i. e., Brownfield Cleanup Program, Environmental Restoration Program, Voluntary Cleanup Program and RCRA Corrective action Program sites). This may be used for Manufactured Gas Plant sites or those being remediated under an EPA Cooperative Agreement.
Swis Code:	6012
Town:	Peekskill (c)
Disp Start:	Not reported
Disp Term:	Not reported
Acres:	2.75
Fuse:	Not Identified
Description:	Transitioning from VCP site V00566 CE - Pemart Ave-Peekskill MGP Site Description Location: The site is a former Manufactured Gas Plant (MGP) located on Pemart Avenue in Peekskill, Westchester County. The site is bounded on the west by the Hudson River and Metro North railroad tracks. Vacant land and US Highway 6 border the site to the north and east. A city park and the Peekskill Landing Environmental Restoration Program (ERP) site are located to the south. Site Features: Several buildings occupy the site including the former electric generating plant building. Remnants of one of the former MGP gas holders are still present on the hillside along the eastern part of the site. The Metro North railroad runs through the site. Current

CE - PEMART AVE-PEEKSKILL MGP (Continued) **S121933892**

Zoning and Land Use: The Site is located on inland property that is zoned WF-2. This zoning generally allows commercial uses, parks and playgrounds, and restaurants of limited size. A homeless shelter had occupied one of the on-site buildings. Also a taxi service operates out of a garage. The remainder of the building space is vacant. Past Use of the Site: The MGP operated from 1899 through 1931, when it was placed into stand-by status for several years prior to closure. The electric generating plant operated from 1905 to 1950. After closure of the MGP, the site operated as a gas storage station until 1966. Operable Units: The site was divided into two operable units. An operable unit represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination. OU-1 is the contaminated area on-site. It consists of the upland area including the railroad tracks and the former MGP and electric generating plant structures. OU-2 is the area of off-site contamination located west of the railroad tracks. It consists of a contaminated portion of land along the railroad tracks and contamination in the sediments of Peekskill Bay of the Hudson River. Site Geology and Hydrogeology: The geology consists of fill underlain by sands, silt, clay and sediment. The fill unit varies across the site but is generally ten to fifteen feet thick. Below the fill is the silt and clay layer, which is located at various depths ranging from ten to twenty feet deep. There are interbedded layers of sand present in the silt/clay material. Groundwater is located at approximately 3 to 8 feet below ground surface. Groundwater flow is to the west towards the Hudson River.

Assess Env: Current Status: Remedial activities were completed on OU1 in 2022. MGP impacted soil was excavated and sent off-site for disposal. Afterwards, the site was restored with clean material to the site's original grade. Mobilization to begin remediation of OU2 began in March 2024. Nature and Extent of Contamination: For OU 1: On Site Areas Based upon investigations conducted to date, the primary contaminants are derived from coal tar in the form of a non-aqueous phase liquid (NAPL), the constituents of concern include benzene, toluene, ethylbenzene, xylene (BTEX), and polyaromatic hydrocarbons (PAHs). Soil ? Soil exceeds cleanup goals for MGP related coal tar and PAHs. Areas of subsurface soil in the vicinity of the gas holders are grossly contaminated with coal tar. Significant non-aqueous phase liquid (NAPL) is present in the former holder areas at depths of approximately three to eight feet below ground surface (bgs). Grossly contaminated soil is evident to the west along the top of the silt and clay layer. In addition, PAH exceedances are found in the surface/subsurface soil across the site. The highest concentrations of total PAHs for surface soil samples were detected at 110 parts per million (ppm) of benzo(a)anthracene, 100 ppm of benzo(a)pyrene, 83 ppm of benzo(b)fluoranthene, 110 ppm of chrysene, 16 ppm of dibenzo(a,h)anthracene and 43 ppm of indeno(1,2,3-cd). In addition, total PAHs were detected in subsurface soil above 500 ppm at numerous locations. The highest detection of total PAHs was in the two to three foot interval of a soil boring at 52,630 ppm. Groundwater - Overburden groundwater quality is impacted with coal tar. Several groundwater monitoring wells were observed to contain MGP related NAPL. The most highly contaminated wells are located downgradient (to the west) of the former gas holders. NAPL has been observed in wells screened at depths ranging from five to twenty feet. The

CE - PEMART AVE-PEEKSKILL MGP (Continued) **S121933892**

contamination is generally observed in wells screened along the top of the confining silt and clay layer. BTEX compounds were detected in overburden groundwater above their respective groundwater standards. The highest detections of BTEX compounds were in a well located downgradient of the former gas holders screened from 4 - 14 feet below grade. In this well benzene was detected at 51 ppb, ethylbenzene at 560 ppb, toluene at 6.4 ppb and xylene (total) at 100 ppb. The standards are 5 parts per billion (ppb) for each compound except benzene which has a standard of 1 ppb. In general, BTEX was detected in areas where coal tar was observed. Wells which contained NAPL or sheen were not sampled. Soil Vapor - Sub-slab and indoor air samples were collected from both on-site and off-site buildings during the heating season. In addition, five soil vapor samples were collected on-site. Some volatile organic compounds were detected in indoor air at both the on- and off-site sample locations, but at or below typical background concentrations. Upon comparison to corresponding sub-slab soil vapor concentrations and products used and stored within the buildings, it appears the indoor air detections are related to current or past operations within the buildings. Several chlorinated volatile organic compounds, not related to historic MGP operations, were detected at elevated concentrations in both on- and off-site sub-slab soil vapor samples. 1,1,1-trichloroethane (1,1,1-TCA), tetrachloroethene (PCE), and trichloroethene (TCE) were detected in on-site sub-slab soil vapor at concentrations as high as 50, 110, and 4,400 micrograms per cubic meter (mcg/m3), respectively. PCE was detected as high as 130 mcg/m3 in sub-slab soil vapor at the off-site location. PCE and TCE were also detected in the on-site soil vapor samples as high as 1,000 mcg/m3 and 170,000 mcg/m3, respectively. Sampling indicates that exposure to site-related MGP contamination from soil vapor intrusion is not a concern for the site. However, exposure to for volatile organic compounds unrelated to the former MGP facility) exposure through the soil vapor intrusion pathway represents a concern for one on-site building and exposure to non-MGP related volatile organic compounds represents a potential concern for one off-site building. The Volunteer, in accordance with the Voluntary Cleanup Agreement, is not responsible for remediation of non-MGP related contamination. The owners of affected properties have been notified where mitigation or monitoring of impacts to indoor air is required. For OU 2: Off Site Areas Based upon investigations conducted to date, the primary contaminants are derived from coal tar in the form of a non-aqueous phase liquid (NAPL), the constituents of concern include benzene, toluene, ethylbenzene, xylene (collectively known as BTEX), and polyaromatic hydrocarbons (PAHs). Soil - Off-site soil exceeds cleanup goals for MGP related coal tar and PAHs. Off-site areas of subsurface soil downgradient of the former gas holder are grossly contaminated with coal tar. The grossly contaminated soil is the result of coal tar migration to the west from the site along the top of the silt and clay layer and is generally present at depths of approximately 20 to 25 feet in this area. In addition, PAH exceedances were found in the subsurface soil at concentrations above 500 ppm. The highest detection of PAHs was in the 17 to 19 foot interval of a soil boring at 2,034 ppm. Groundwater - Several off-site groundwater monitoring wells were observed to contain MGP related NAPL. The most highly contaminated wells are located downgradient of the former gas holders. NAPL was observed in these wells at depths of approximately 20 to 25 feet below ground surface

CE - PEMART AVE-PEEKSKILL MGP (Continued) **S121933892**

(bgs). NAPL is generally observed in wells screened along the top of the confining silt and clay layer. BTEX compounds were only detected in wells located in OU-2, which contained NAPL or sheens. Sediment - Coal tar was observed in several sediment borings at depths ranging from five to ten feet below the riverbed in the impacted portion of the Hudson River. The contamination has migrated beneath the river along the top of the confining silt/clay layer and surface sediments. PAHs were also detected in sediment. The highest detection of PAHs was 117,362 ppm in a sediment sample from the 0.5 to 2 foot interval. The sediment investigation indicated that PAH contamination is coincident with visual contamination. Soil Vapor - There are no structures on OU-2 and thus no sampling was performed. Special resources impacted/threatened: During the RI, a Fish and Wildlife Impact Assessment (FWIA) was completed. The FWIA documented that contamination has migrated into the nearby Hudson River sediments and is likely impacting the habitat in the river.

Assess Doh: Contact with contaminated soil or groundwater is unlikely unless an individual digs below the ground surface. Contaminated groundwater at the site is not used for drinking or other purposes and the surrounding community is served by a public water supply that obtains water from a distant source. People may come in contact with contaminants present in sediments while entering and exiting the river during recreational activities. Volatile organic compounds in the groundwater or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Soil vapor intrusion sampling identified impacts beneath one on-site building but none in the indoor air. Therefore, inhalation of site contaminants in indoor air due to soil vapor intrusion does not represent a current concern. The potential, however, exists for the inhalation of non-MGP related contaminants due to soil vapor intrusion for any future on-site redevelopment. Sampling indicates a similar soil vapor intrusion concern for one off-site building.

Latitude: 41.290700111
Longitude: -73.931183535

Site ID: Not reported
Name: CE - PEMART AVE-PEEKSKILL MGP
Address: 189-199 NORTH WATER STS.
City,State,Zip: PEEKSKILL, NY 11111
Region: 3
Class: No Further Action at this Time: Sites are given a classification of "N" when: the investigation and evaluation of a Class P site results in a determination that contamination at the site does not warrant placing the site on the Registry or it is being addressed under a brownfield program; a site was in a brownfield program (BCP, ERP or VCP) or other non-Registry program, remediation was not completed, and the site did not otherwise qualify for listing on the Registry. As an example, this occurs when a volunteer begins a brownfield project and then for economic or other reasons, determines they cannot complete the work and the brownfield project is terminated. If the contamination at the brownfield site qualifies it for placement on the Registry, the Department acts to do so. If the site re-enters a brownfield program, it can be reclassified to Class A (active) to indicate that work has recommenced; a site was identified simply as

CE - PEMART AVE-PEEKSKILL MGP (Continued) **S121933892**

the location(s) where a drum(s) or other discrete waste was at one time present and subsequently removed by DEC or others and, based on the resulting conditions, no need for additional work was apparent; or an application to the BCP, ERP or VCP was submitted, and was then withdrawn or terminated before any actions were taken to investigate or remediate the site.

Swis Code: 6012
Town: Peekskill (c)
Disp Start: Not reported
Disp Term: Not reported
Acres: 2.75
Fuse: Commercial
Description: VCP ended in July 2018. This site was transferred to the SSF program and is being tracked as #360166. Location: The site is a former Manufactured Gas Plant (MGP) located on Pemart Avenue in Peekskill, Westchester County (Figure 1). The site is bounded on the west by the Hudson River and Metro North railroad tracks. Vacant land and US Highway 6 border the site to the north and east. A city park and the Peekskill Landing Environmental Restoration Program (ERP) site are located to the south. Site Features: Several buildings occupy the site including the former electric generating plant building. Remnants of one of the former MGP gas holders are still present on the hillside along the eastern part of the site. The Metro North railroad runs through the site. Current Zoning and Land Use: The Site is located on inland property that is zoned WF-2. This zoning generally allows commercial uses, parks and playgrounds, and restaurants of limited size. A homeless shelter occupies one of the on-site buildings. Also a taxi service operates out of a garage. The remainder of the building space is vacant. Past Use of the Site: The MGP operated from 1899 through 1931, when it was placed into stand-by status for several years prior to closure. The electric generating plant operated from 1905 to 1950. After closure of the MGP, the site operated as a gas storage station until 1966. Operable Units: The site was divided into two operable units. An operable unit represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination. OU-1 is the contaminated area on-site. It consists of the upland area including the railroad tracks and the former MGP and electric generating plant structures. OU-2 is the area of off-site contamination located west of the railroad tracks. It consists of a contaminated portion of land along the railroad tracks and contamination in the sediments of Peekskill Bay of the Hudson River. Site Geology and Hydrogeology: The geology consists of fill underlain by sands, silt, clay and sediment. The fill unit varies across the site but is generally ten to fifteen feet thick. Below the fill is the silt and clay layer, which is located at various depths ranging from ten to twenty feet deep. There are interbedded layers of sand present in the silt/clay material. Groundwater is located at approximately 3 to 8 feet below ground surface. Groundwater flow is to the west towards the Hudson River.
Assess Env: Nature and Extent of Contamination: For OU 1: On Site Areas Based upon investigations conducted to date, the primary contaminants of concern include benzene, toluene, ethylbenzene, xylene (BTEX), non-aqueous phase liquid (NAPL), in the form of coal tar and polyaromatic hydrocarbons (PAHs). Soil ? Soil exceeds cleanup goals for MGP related coal tar and PAHs. Areas of subsurface soil in the

CE - PEMART AVE-PEEKSKILL MGP (Continued) **S121933892**

vicinity of the gas holders are grossly contaminated with coal tar. Significant non-aqueous phase liquid (NAPL) is present in the former holder areas at depths of approximately three to eight feet below ground surface (bgs). Grossly contaminated soil is evident to the west along the top of the silt and clay layer. In addition, PAH exceedances are found in the surface/subsurface soil across the site. The highest concentrations of total PAHs for surface soil samples were detected at 110 parts per million (ppm) of benzo(a)anthracene, 100 ppm of benzo(a)pyrene, 83 ppm of benzo(b)fluoranthene, 110 ppm of chrysene, 16 ppm of dibenzo(a,h)anthracene and 43 ppm of indeno(1,2,3-cd). In addition, total PAHs were detected in subsurface soil above 500 ppm at numerous locations. The highest detection of total PAHs was in the two to three foot interval of a soil boring at 52,630 ppm. Groundwater - Overburden groundwater quality is impacted with coal tar. Several groundwater monitoring wells were observed to contain MGP related NAPL. The most highly contaminated wells are located downgradient (to the west) of the former gas holders. NAPL has been observed in wells screened at depths ranging from five to twenty feet. The contamination is generally observed in wells screened along the top of the confining silt and clay layer. BTEX compounds were detected in overburden groundwater above their respective groundwater standards. The highest detections of BTEX compounds were in a well located downgradient of the former gas holders screened from 4 - 14 feet below grade. In this well benzene was detected at 51 ppb, ethylbenzene at 560 ppb, toluene at 6.4 ppb and xylene (total) at 100 ppb. The standards are 5 parts per billion (ppb) for each compound except benzene which has a standard of 1 ppb. In general, BTEX was detected in areas where coal tar was observed. Wells which contained NAPL or sheen were not sampled. Soil Vapor - Sub-slab and indoor air samples were collected from both on-site and off-site buildings during the heating season. In addition, five soil vapor samples were collected on-site. Some volatile organic compounds were detected in indoor air at both the on- and off-site sample locations, but at or below typical background concentrations. Upon comparison to corresponding sub-slab soil vapor concentrations and products used and stored within the buildings, it appears the indoor air detections are related to current or past operations within the buildings. Several chlorinated volatile organic compounds, not related to historic MGP operations, were detected at elevated concentrations in both on- and off-site sub-slab soil vapor samples. 1,1,1-trichloroethane (1,1,1-TCA), tetrachloroethene (PCE), and trichloroethene (TCE) were detected in on-site sub-slab soil vapor at concentrations as high as 50, 110, and 4,400 micrograms per cubic meter (mcg/m3), respectively. PCE was detected as high as 130 mcg/m3 in sub-slab soil vapor at the off-site location. PCE and TCE were also detected in the on-site soil vapor samples as high as 1,000 mcg/m3 and 170,000 mcg/m3, respectively. Sampling indicates that exposure to site-related MGP contamination from soil vapor intrusion is not a concern for the site. However, exposure to volatile organic compounds unrelated to the former MGP facilit) through the soil vapor intrusion pathway represents a concern for one on-site building and exposure to non-MGP related volatile organic compounds represents a potential concern for one off-site building. The Volunteer, in accordance with the Voluntary Cleanup Agreement, is not responsible for remediation of non-MGP related contamination. The owners of affected properties have been notified where mitigation or monitoring of impacts to indoor air is required. For OU 2: Off Site Areas Based

CE - PEMART AVE-PEEKSKILL MGP (Continued) **S121933892**

upon investigations conducted to date, the primary contaminants of concern include benzene, toluene, ethylbenzene, xylene (BTEX), non-aqueous phase liquid (NAPL) in the form of coal tar, and polyaromatic hydrocarbons (PAHs). Soil - Off-site soil exceeds cleanup goals for MGP related coal tar and PAHs. Off-site areas of subsurface soil downgradient of the former gas holder are grossly contaminated with coal tar. The grossly contaminated soil is the result of coal tar migration to the west from the site along the top of the silt and clay layer and is generally present at depths of approximately 20 to 25 feet in this area. In addition, PAH exceedances were found in the subsurface soil at concentrations above 500 ppm. The highest detection of PAHs was in the 17 to 19 foot interval of a soil boring at 2,034 ppm. Groundwater - Several off-site groundwater monitoring wells were observed to contain MGP related NAPL. The most highly contaminated wells are located downgradient of the former gas holders. NAPL was observed in these wells at depths of approximately 20 to 25 feet below ground surface (bgs). NAPL is generally observed in wells screened along the top of the confining silt and clay layer. BTEX compounds were only detected in wells located in OU-2, which contained NAPL or sheens. Sediment - Coal tar was observed in several sediment borings at depths ranging from five to ten feet below the riverbed in the impacted portion of the Hudson River. The contamination has migrated beneath the river along the top of the confining silt/clay layer and surface sediments. PAHs were also detected in sediment. The highest detection of PAHs was 117,362 ppm in a sediment sample from the 0.5 to 2 foot interval. The sediment investigation indicated that PAH contamination is coincident with visual contamination. Soil Vapor - There are no structures on OU-2 and thus no sampling was performed. Special resources impacted/threatened: During the RI, a Fish and Wildlife Impact Assessment (FWIA) was completed. The FWIA documented that contamination has migrated into the nearby Hudson River sediments and is likely impacting the habitat in the river.

Assess Doh: Contact with contaminated soil or groundwater is unlikely unless an individual digs below the ground surface. Contaminated groundwater at the site is not used for drinking or other purposes and the surrounding community is served by a public water supply that obtains water from a distant source. People may come in contact with contaminants present in sediments while entering and exiting the river during recreational activities. Volatile organic compounds in the groundwater or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Soil vapor intrusion sampling identified impacts beneath one on-site building but none in the indoor air. Therefore, inhalation of site contaminants in indoor air due to soil vapor intrusion does not represent a current concern. The potential, however, exists for the inhalation of non-MGP related contaminants due to soil vapor intrusion for any future on-site redevelopment. Sampling indicates a similar soil vapor intrusion concern for one off-site building.

Latitude: 41.29070012
Longitude: -73.93118354

Count: 1 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PEEKSKILL	S131511712	BLUE MOUNTAIN SPORTS CENTER - TTF	183 WATCH HILL RD		NY LTANKS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/07/2024
Date Data Arrived at EDR: 06/25/2024
Date Made Active in Reports: 09/19/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/24/2024
Next Scheduled EDR Contact: 01/09/2025
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 07/15/2024
Date Data Arrived at EDR: 07/17/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 84

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/24/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/15/2024
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/24/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/15/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/11/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 4

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 11/05/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 11/20/2024
Number of Days to Update: 49

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 09/18/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

LTANKS: Spills Information Database
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 11/03/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 12/05/2024
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 11/05/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/15/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/17/2024
Number of Days to Update: 90

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 11/26/2024
Number of Days to Update: 70

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 11/26/2024
Number of Days to Update: 70

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 11/26/2024
Number of Days to Update: 70

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 11/26/2024
Number of Days to Update: 70

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

TANKS: Storage Tank Faciliy Listing
This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 11/26/2024
Number of Days to Update: 70
Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

RES DECL: Restrictive Declarations Listing
A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 07/17/2024
Date Data Arrived at EDR: 09/10/2024
Date Made Active in Reports: 11/25/2024
Number of Days to Update: 76
Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 12/09/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Varies

ENV RES DECL: Environmental Restrictive Declarations
The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 07/17/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/22/2024
Number of Days to Update: 72
Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 12/09/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls
Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 4
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 11/05/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 4
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 11/05/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP NYC: Voluntary Cleanup Program Listing NYC

New York City voluntary cleanup program sites.

Date of Government Version: 09/03/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/15/2024
Number of Days to Update: 72

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 4

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 11/05/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Semi-Annually

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 4

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 11/05/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Semi-Annually

ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 4

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 11/05/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/11/2024
Next Scheduled EDR Contact: 12/23/2024
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 11/27/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: No Update Planned

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 10/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 11/20/2024
Number of Days to Update: 49

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 09/18/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/17/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 6

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: No Update Planned

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 4

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 11/05/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 07/29/2024
Date Data Arrived at EDR: 07/30/2024
Date Made Active in Reports: 10/17/2024
Number of Days to Update: 79

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/14/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 7

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Quarterly

SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 11/03/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 12/05/2024
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 11/05/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 07/31/2024
Date Data Arrived at EDR: 08/12/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 58

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/12/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/10/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/03/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/04/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/10/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 10/31/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 10/03/2024
Next Scheduled EDR Contact: 12/23/2024
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/13/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 86

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/14/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/11/2024
Date Data Arrived at EDR: 07/11/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 1

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/24/2024
Date Data Arrived at EDR: 11/01/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 18

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 07/12/2024
Date Data Arrived at EDR: 07/17/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 05/23/2024
Date Data Arrived at EDR: 07/02/2024
Date Made Active in Reports: 09/26/2024
Number of Days to Update: 86

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/12/2024
Date Data Arrived at EDR: 10/17/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 33

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/27/2023
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 10/31/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/18/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/04/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 51

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2024
Date Data Arrived at EDR: 07/08/2024
Date Made Active in Reports: 09/26/2024
Number of Days to Update: 80

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/01/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 05/08/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 14

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/14/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 10/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 7

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Quarterly

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/06/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 1

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/18/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/02/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 50

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing
Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines
An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 69

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/13/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 8

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/23/2024
Date Data Arrived at EDR: 06/28/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/01/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/03/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/13/2024
Date Data Arrived at EDR: 08/13/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 57

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/08/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 10/17/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 12/05/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 10/13/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Semi-Annually

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Varies

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 04/18/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

DEC surveyed select businesses, fire departments, fire training centers, bulk storage facilities, airports, and Department of Defense (DoD) facilities. The responses to the survey have helped to determine if these entities used or stored materials containing PFOA/PFOS including AFFF and dispersants used in Teflon coating operations. The results of this survey will be updated periodically as additional responses are received..

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 05/08/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-9020
Last EDR Contact: 10/31/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Varies

PFAS 3: PFAS Environmental Site Remediation List

A list of records included in the Environmental Remediation database whose material is listed as Perfluorooctanoic Acid or Perfluorooctane Sulfonic Acid.

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/05/2024
Number of Days to Update: 4

Source: Department of Environmental Conservation
Telephone: 518-402-9759
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Varies

PFAS 2: New York State Inactive Landfill Initiative

A list of landfills that were investigated and the analytical results for PFOA and PFOS for those landfills. These data represent the landfills from the ILI database that were investigated.

Date of Government Version: 12/12/2022
Date Data Arrived at EDR: 08/10/2023
Date Made Active in Reports: 10/25/2023
Number of Days to Update: 76

Source: Department of Environmental Conservation
Telephone: 518-402-9662
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Varies

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 10/09/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 11/21/2024
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 06/24/2024
Date Data Arrived at EDR: 06/26/2024
Date Made Active in Reports: 09/17/2024
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 09/18/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 08/29/2024
Date Data Arrived at EDR: 08/29/2024
Date Made Active in Reports: 09/03/2024
Number of Days to Update: 5

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 11/27/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 08/19/2024
Date Data Arrived at EDR: 09/10/2024
Date Made Active in Reports: 11/22/2024
Number of Days to Update: 73

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 09/10/2024
Next Scheduled EDR Contact: 12/23/2024
Data Release Frequency: Semi-Annually

FIN ASSURANCE 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/02/2024
Date Made Active in Reports: 09/25/2024
Number of Days to Update: 85

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Quarterly

FIN ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/30/2024
Date Data Arrived at EDR: 08/30/2024
Date Made Active in Reports: 09/13/2024
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 11/27/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NYC LEAD: Lead-based Paint Testing Results

The results of the inspections for all classrooms serving students under six in applicable buildings. Identifies all classrooms, whether there was observation of peeling paint, and if there was, standard response protocol was followed.

Date of Government Version: 07/10/2024
Date Data Arrived at EDR: 07/30/2024
Date Made Active in Reports: 10/17/2024
Number of Days to Update: 79

Source: New York City Department of Education
Telephone: 212-374-5141
Last EDR Contact: 10/31/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Varies

NYC LEAD 2: Recent Lead Paint Violations

Pursuant to New York City?s Housing Maintenance Code, the Department of Housing Preservation and Development (HPD) issues violations against conditions in rental dwelling units that have been verified to violate the New York City Housing Maintenance Code (HMC) or the New York State Multiple Dwelling Law (MDL). Violations are issued when an inspection verifies that a violation of the HMC or MDL exists. It is closed when the violation is corrected, as observed/verified by HPD or as certified by the landlord.

Date of Government Version: 07/29/2024
Date Data Arrived at EDR: 07/30/2024
Date Made Active in Reports: 10/17/2024
Number of Days to Update: 79

Source: New York City Department of Housing Preservation & Development
Telephone: 212-863-8200
Last EDR Contact: 10/30/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Varies

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Quarterly

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 10/10/2024
Date Data Arrived at EDR: 11/08/2024
Date Made Active in Reports: 12/02/2024
Number of Days to Update: 24

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: No Update Planned

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 02/08/2022
Date Made Active in Reports: 05/06/2022
Number of Days to Update: 87

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 11/07/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Varies

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 08/25/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/08/2024
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

COOLING TOWERS: Registered Cooling Towers

This data includes the location of cooling towers registered with New York State. The data is self-reported by owners/property managers of cooling towers in service in New York State. In August 2015, the New York State Department of Health released emergency regulations requiring the owners of cooling towers to register them with New York State.

Date of Government Version: 07/02/2024
Date Data Arrived at EDR: 07/10/2024
Date Made Active in Reports: 10/01/2024
Number of Days to Update: 83

Source: Department of Health
Telephone: 518-402-7650
Last EDR Contact: 10/08/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Varies

NYC OER: OER Cleanup Sites Listing
Properties remediated under OER's oversight, both in the E-Designation program and the NYC Voluntary Cleanup Program. Includes sites completed and in progress.

Date of Government Version: 09/03/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/15/2024
Number of Days to Update: 72
Source: Office of Environmental Remediation
Telephone: 212-788-8841
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

NYC LAND USE: New York City Land Use Information
Land use colors

Date of Government Version: 06/18/2024
Date Data Arrived at EDR: 09/10/2024
Date Made Active in Reports: 11/25/2024
Number of Days to Update: 76
Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 12/09/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Varies

MGP: Manufactured Gas Plants Listing
From the late 1800's to the mid 1900's, hundreds of manufactured gas plants across New York State supplied homes and industry with fuel for heating, cooking, and lighting. Today, the New York State DEC is overseeing the investigation and cleanup of contamination left behind from these plants.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 10/01/2024
Number of Days to Update: 34
Source: Department of Environmental Conservation
Telephone: 518-402-9662
Last EDR Contact: 11/27/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

ILI: New York State Inactive Landfill Initiative
A solid waste site priority list of mitigation and remedial activities to address sites causing, or substantially contributing to, impairments of drinking water quality. Inactive solid waste disposal sites, primarily landfills, and their potential impact on New York?s drinking water resources from site-related contaminants, with a focus on emerging contaminants.

Date of Government Version: 05/16/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/26/2024
Number of Days to Update: 88
Source: Department of Environmental Conservation
Telephone: 518-402-8671
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

CORTLAND COUNTY:

AST - CORTLAND: Cortland County Storage Tank Listing
A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Quarterly

UST - CORTLAND: Cortland County Storage Tank Listing
A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Quarterly

NASSAU COUNTY:

AST - NASSAU: Registered Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 11/27/2023
Date Data Arrived at EDR: 11/28/2023
Date Made Active in Reports: 02/06/2024
Number of Days to Update: 70

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 10/17/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: No Update Planned

AST NCFM: Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Varies

TANKS NASSAU: Registered Tank Database in Nassau County
A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 11/27/2023
Date Data Arrived at EDR: 11/28/2023
Date Made Active in Reports: 02/06/2024
Number of Days to Update: 70

Source: Nassau County Department of Health
Telephone: 516-227-9691
Last EDR Contact: 10/17/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: No Update Planned

UST - NASSAU: Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 11/27/2023
Date Data Arrived at EDR: 11/28/2023
Date Made Active in Reports: 02/06/2024
Number of Days to Update: 70

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 10/17/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: No Update Planned

UST NCFM: Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Varies

ROCKLAND COUNTY:

AST - ROCKLAND: Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: No Update Planned

UST - ROCKLAND: Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: No Update Planned

SUFFOLK COUNTY:

AST - SUFFOLK: Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: No Update Planned

TANKS SUFFOLK: Storage Tank Database
This county is not included in the state?s database. These are facilities that have no tank information in the storage tank database.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Department of Health Services
Telephone: 631-854-2516
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Varies

UST - SUFFOLK: Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

AST - WESTCHESTER: Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 07/31/2024
Date Data Arrived at EDR: 08/13/2024
Date Made Active in Reports: 10/31/2024
Number of Days to Update: 79

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Semi-Annually

UST - WESTCHESTER: Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 07/31/2024
Date Data Arrived at EDR: 08/13/2024
Date Made Active in Reports: 10/31/2024
Number of Days to Update: 79

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/05/2024
Date Data Arrived at EDR: 08/06/2024
Date Made Active in Reports: 10/25/2024
Number of Days to Update: 80

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/05/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/03/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/07/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 10/03/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 11/27/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

418 NORTH DIVISION STREET
418 NORTH DIVISION STREET
PEEKSKILL, NY 10566

TARGET PROPERTY COORDINATES

Latitude (North):	41.29577 - 41° 17' 44.77''
Longitude (West):	73.919349 - 73° 55' 9.66''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	590480.1
UTM Y (Meters):	4571942.0
Elevation:	180 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	14122350 PEEKSKILL, NY
Version Date:	2019

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

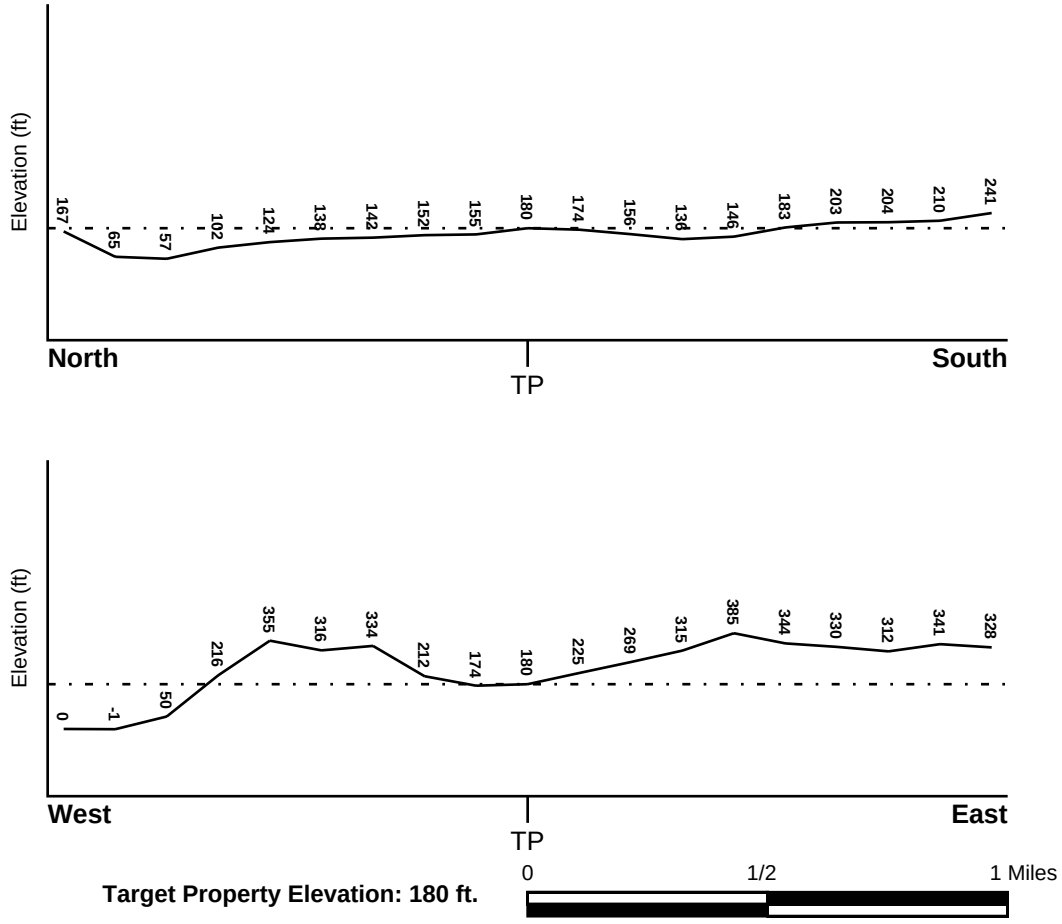
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 180 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
36119C0016F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
36087C0037G	FEMA FIRM Flood data
36119C0017F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
PEEKSKILL	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

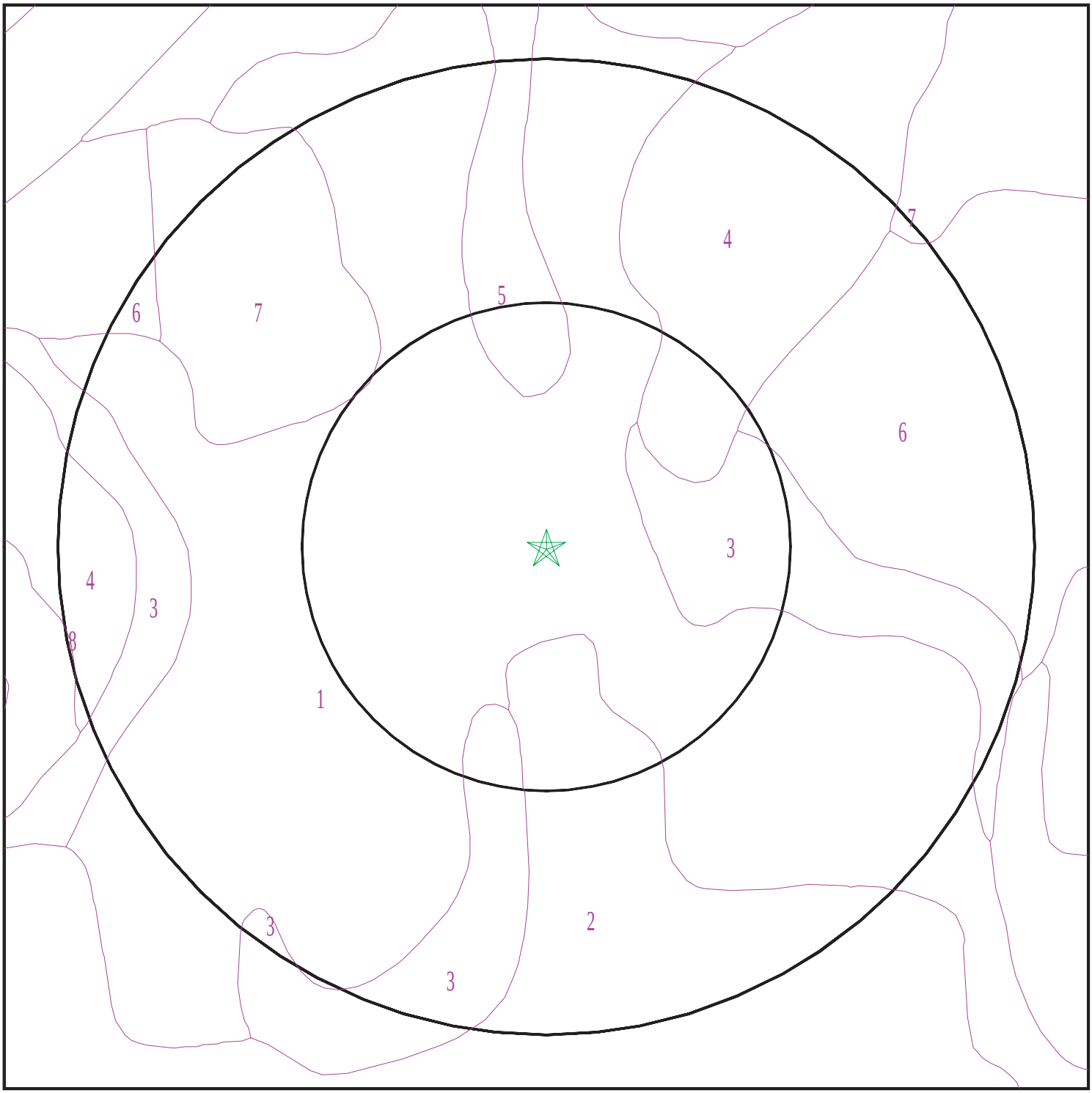
Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT **GEOLOGIC AGE IDENTIFICATION**

Era:	Paleozoic	Category:	Stratified Sequence
System:	Ordovicias		
Series:	Lower Ordovician and Cambrian carbonate rocks		
Code:	OC *(decoded above as Era, System & Series)*		

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7846483.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	418 North Division Street	CLIENT:	SESI Consulting Engineers
ADDRESS:	418 North Division Street Peekskill NY 10566	CONTACT:	Annmarie Yannaco
LAT/LONG:	41.29577 / 73.919349	INQUIRY #:	7846483.2s
		DATE:	December 11, 2024 4:40 pm

Copyright © 2024 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 4

Soil Component Name: Chatfield

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 0.07	Max: Min:
2	7 inches	24 inches	flaggy silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 0.07	Max: Min:
3	24 inches	27 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 141 Min: 0.07	Max: Min:

Soil Map ID: 5

Soil Component Name: Urban land

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

No Layer Information available.

Soil Map ID: 6

Soil Component Name: Charlton

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	7 inches	24 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6 Min: 4.5
3	24 inches	59 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6 Min: 4.5

Soil Map ID: 7

Soil Component Name: Urban land

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 77 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 8

Soil Component Name: Hollis

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.

Soil Drainage Class: Somewhat excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	1 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
2	1 inches	16 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
3	16 inches	20 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000842171	1/8 - 1/4 Mile South
2	USGS40000842174	1/4 - 1/2 Mile SW
22	USGS40000842163	1/4 - 1/2 Mile SW
23	USGS40000842153	1/4 - 1/2 Mile SE
24	USGS40000842288	1/2 - 1 Mile NNE
25	USGS40000842147	1/2 - 1 Mile SW
26	USGS40000842293	1/2 - 1 Mile NNW
27	USGS40000842289	1/2 - 1 Mile NNW
28	USGS40000842203	1/2 - 1 Mile West
30	USGS40000842305	1/2 - 1 Mile North
B32	USGS40000842306	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

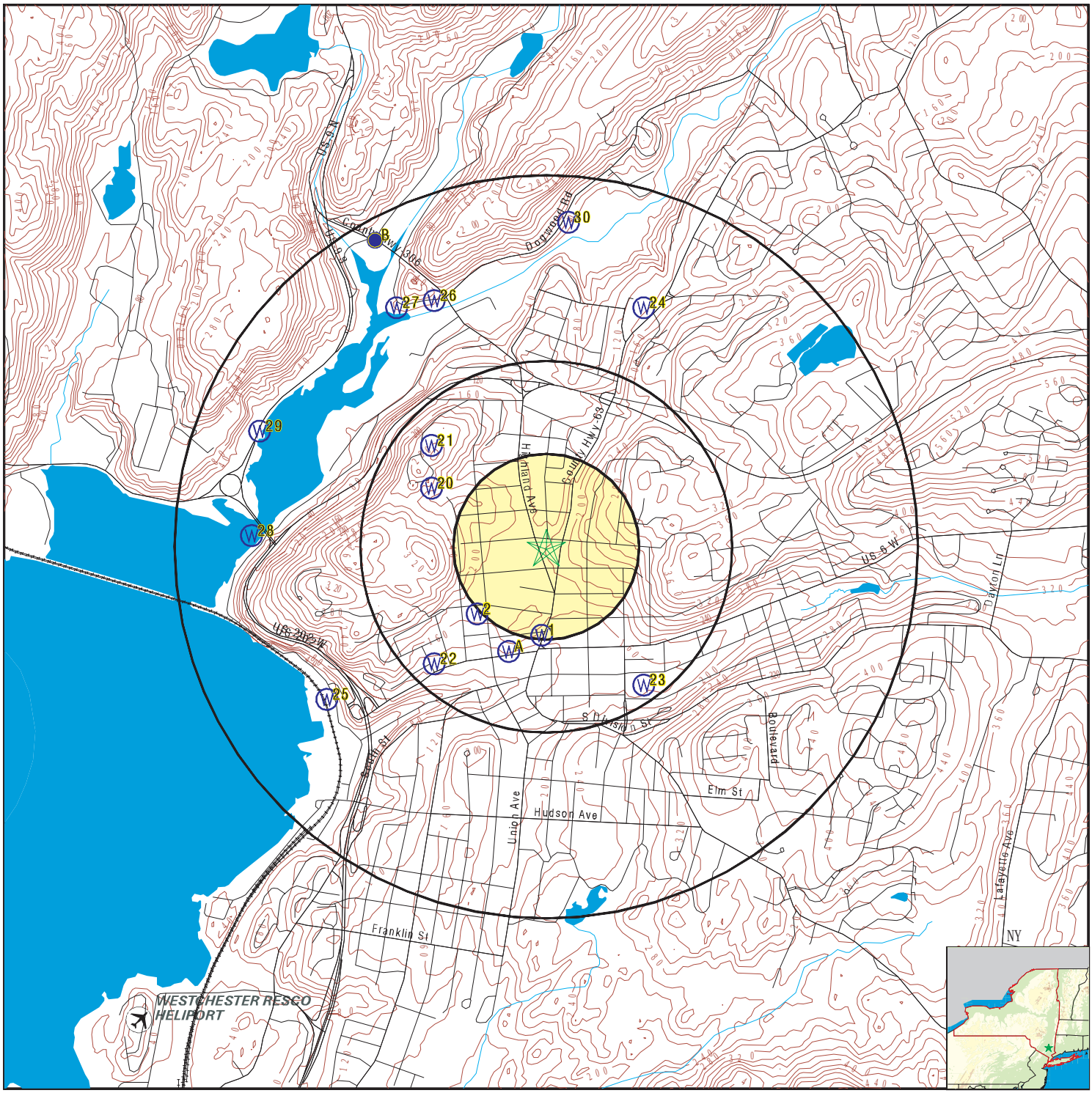
MAP ID	WELL ID	LOCATION FROM TP
B31	NY0010747	1/2 - 1 Mile NNW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A3	NYWS50000130511	1/4 - 1/2 Mile SSW
A4	NYWS50000130517	1/4 - 1/2 Mile SSW
A5	NYWS50000130513	1/4 - 1/2 Mile SSW
A6	NYWS50000130512	1/4 - 1/2 Mile SSW
A7	NYWS50000130516	1/4 - 1/2 Mile SSW
A8	NYWS50000130489	1/4 - 1/2 Mile SSW
A9	NYWS50000130490	1/4 - 1/2 Mile SSW
A10	NYWS50000130487	1/4 - 1/2 Mile SSW
A11	NYWS50000130514	1/4 - 1/2 Mile SSW
A12	NYWS50000130508	1/4 - 1/2 Mile SSW
A13	NYWS50000130493	1/4 - 1/2 Mile SSW
A14	NYWS50000130515	1/4 - 1/2 Mile SSW
A15	NYWS50000130509	1/4 - 1/2 Mile SSW
A16	NYWS50000130491	1/4 - 1/2 Mile SSW
A17	NYWS50000130488	1/4 - 1/2 Mile SSW
A18	NYWS50000130510	1/4 - 1/2 Mile SSW
A19	NYWS50000130492	1/4 - 1/2 Mile SSW
20	NYWS50000130485	1/4 - 1/2 Mile WNW
21	NYWS50000130486	1/4 - 1/2 Mile NW
29	NYWS50000129875	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 7846483.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: 418 North Division Street	CLIENT: SESI Consulting Engineers
ADDRESS: 418 North Division Street Peekskill NY 10566	CONTACT: Annmarie Yannaco INQUIRY #: 7846483.2s
LAT/LONG: 41.29577 / 73.919349	DATE: December 11, 2024 4:40 pm

Copyright © 2024 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
South **FED USGS** **USGS40000842171**
1/8 - 1/4 Mile
Lower

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE1410	Type:	Well
Description:	Not Reported	HUC:	02030101
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Sand and Gravel	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	15
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

2
SW **FED USGS** **USGS40000842174**
1/4 - 1/2 Mile
Lower

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 249	Type:	Well
Description:	Not Reported	HUC:	02030101
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	300	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

A3
SSW **NY WELLS** **NYWS50000130511**
1/4 - 1/2 Mile
Lower

WELLS:

DEC Well #:	WE06048	Well Depth (ft):	350
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	20-SEP-05	Drilling Start Date:	07-SEP-05
Drilling Completion Date:	07-SEP-05		

A4
SSW **NY WELLS** **NYWS50000130517**
1/4 - 1/2 Mile
Lower

WELLS:

DEC Well #:	WE06054	Well Depth (ft):	350
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	06-OCT-05	Drilling Start Date:	15-SEP-05
Drilling Completion Date:	15-SEP-05		

A5
SSW **NY WELLS** **NYWS50000130513**
1/4 - 1/2 Mile
Lower

WELLS:

DEC Well #:	WE06050	Well Depth (ft):	350
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	20-SEP-05	Drilling Start Date:	09-SEP-05
Drilling Completion Date:	09-SEP-05		

A6
SSW **NY WELLS** **NYWS50000130512**
1/4 - 1/2 Mile
Lower

WELLS:

DEC Well #:	WE06049	Well Depth (ft):	350
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	20-SEP-05	Drilling Start Date:	08-SEP-05
Drilling Completion Date:	08-SEP-05		

A7
SSW **NY WELLS** **NYWS50000130516**
1/4 - 1/2 Mile
Lower

WELLS:

DEC Well #:	WE06053	Well Depth (ft):	350
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	03-OCT-05	Drilling Start Date:	16-SEP-05

Drilling Completion Date: 16-SEP-05

A8
SSW **NY WELLS** **NYWS50000130489**
1/4 - 1/2 Mile
Lower

WELLS:

DEC Well #:	WE06023	Well Depth (ft):	350
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	Not Reported	Drilling Start Date:	24-AUG-05
Drilling Completion Date:	25-AUG-05		

A9
SSW **NY WELLS** **NYWS50000130490**
1/4 - 1/2 Mile
Lower

WELLS:

DEC Well #:	WE06024	Well Depth (ft):	350
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	Not Reported	Drilling Start Date:	25-AUG-05
Drilling Completion Date:	26-AUG-05		

A10
SSW **NY WELLS** **NYWS50000130487**
1/4 - 1/2 Mile
Lower

WELLS:

DEC Well #:	WE06021	Well Depth (ft):	350
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	Not Reported	Drilling Start Date:	22-AUG-05
Drilling Completion Date:	23-AUG-05		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A11
SSW
1/4 - 1/2 Mile
Lower

NY WELLS **NYWS50000130514**

WELLS:

DEC Well #:	WE06051	Well Depth (ft):	350
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	16	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	17	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	20-SEP-05	Drilling Start Date:	12-SEP-05
Drilling Completion Date:	12-SEP-05		

A12
SSW
1/4 - 1/2 Mile
Lower

NY WELLS **NYWS50000130508**

WELLS:

DEC Well #:	WE06045	Well Depth (ft):	350
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	20-SEP-05	Drilling Start Date:	31-AUG-05
Drilling Completion Date:	01-SEP-05		

A13
SSW
1/4 - 1/2 Mile
Lower

NY WELLS **NYWS50000130493**

WELLS:

DEC Well #:	WE06027	Well Depth (ft):	350
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	14	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	15	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	13-SEP-05	Drilling Start Date:	30-AUG-05
Drilling Completion Date:	30-AUG-05		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A14
SSW
1/4 - 1/2 Mile
Lower

NY WELLS **NYWS50000130515**

WELLS:

DEC Well #:	WE06052	Well Depth (ft):	350
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	20-SEP-05	Drilling Start Date:	13-SEP-05
Drilling Completion Date:	13-SEP-05		

A15
SSW
1/4 - 1/2 Mile
Lower

NY WELLS **NYWS50000130509**

WELLS:

DEC Well #:	WE06046	Well Depth (ft):	350
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	14	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	15	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	20-SEP-05	Drilling Start Date:	01-SEP-05
Drilling Completion Date:	02-SEP-05		

A16
SSW
1/4 - 1/2 Mile
Lower

NY WELLS **NYWS50000130491**

WELLS:

DEC Well #:	WE06025	Well Depth (ft):	350
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	14	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	15	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	13-SEP-05	Drilling Start Date:	29-AUG-05
Drilling Completion Date:	29-AUG-05		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A17
SSW
1/4 - 1/2 Mile
Lower

NY WELLS **NYWS50000130488**

WELLS:

DEC Well #:	WE06022	Well Depth (ft):	350
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	Not Reported	Drilling Start Date:	23-AUG-05
Drilling Completion Date:	24-AUG-05		

A18
SSW
1/4 - 1/2 Mile
Lower

NY WELLS **NYWS50000130510**

WELLS:

DEC Well #:	WE06047	Well Depth (ft):	350
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	20-SEP-05	Drilling Start Date:	06-SEP-05
Drilling Completion Date:	06-SEP-05		

A19
SSW
1/4 - 1/2 Mile
Lower

NY WELLS **NYWS50000130492**

WELLS:

DEC Well #:	WE06026	Well Depth (ft):	350
Bedrock Depth (ft):	Not Reported	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	14	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	15	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	Not Reported
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	13-SEP-05	Drilling Start Date:	29-AUG-05
Drilling Completion Date:	30-AUG-05		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

20
WNW
1/4 - 1/2 Mile
Higher

NY WELLS **NYWS50000130485**

WELLS:

DEC Well #:	WE06019	Well Depth (ft):	350
Bedrock Depth (ft):	5	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	2
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	Not Reported	Drilling Start Date:	04-AUG-05
Drilling Completion Date:	04-AUG-05		

21
NW
1/4 - 1/2 Mile
Higher

NY WELLS **NYWS50000130486**

WELLS:

DEC Well #:	WE06020	Well Depth (ft):	350
Bedrock Depth (ft):	14	Groundwater Depth (ft):	Not Reported
Casing Depth (ft):	19	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	20	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	2
Well Purpose:	Not Reported	Driller Registration #:	NYRD10105
Report Date:	Not Reported	Drilling Start Date:	05-AUG-05
Drilling Completion Date:	05-AUG-05		

22
SW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000842163**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 270	Type:	Well
Description:	Not Reported	HUC:	02030101
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Sand	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	12
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

23
SE
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000842153**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE1409	Type:	Well
Description:	Not Reported	HUC:	02030101
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Sand and Gravel	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	16
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

24
NNE
1/2 - 1 Mile
Lower

FED USGS **USGS40000842288**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 248	Type:	Well
Description:	Not Reported	HUC:	02030101
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Sand and Gravel	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	156
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

25
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000842147**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 279	Type:	Well
Description:	Not Reported	HUC:	02030101
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Sand and Gravel	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	6
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

26
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000842293**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 631	Type:	Well
Description:	Not Reported	HUC:	02030101
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	47	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

27
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000842289**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 632	Type:	Well
Description:	Not Reported	HUC:	02030101
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	87	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

28
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000842203**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE1356	Type:	Well
Description:	BRIDGE TEST HOLE--ALL UNCONSOLIDATED		
HUC:	02030101	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	112
Well Depth Units:	ft	Well Hole Depth:	112
Well Hole Depth Units:	ft		

29
WNW
1/2 - 1 Mile
Lower

NY WELLS **NYWS50000129875**

WELLS:

DEC Well #:	WE05380	Well Depth (ft):	985

Bedrock Depth (ft):	50	Groundwater Depth (ft):	7
Casing Depth (ft):	60	Casing 1 Diameter (in):	6
Casing 1 Length (ft):	62	Casing 2 Diameter (in):	Not Reported
Casing 2 Length (ft):	Not Reported	Screened Well:	N
Screen Length (ft):	Not Reported	Avg Discharge Rate (gpm):	4
Well Purpose:	Not Reported	Driller Registration #:	NYRD10071
Report Date:	30-MAY-01	Drilling Start Date:	15-MAY-01
Drilling Completion Date:	18-MAY-01		

30
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000842305**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 630	Type:	Well
Description:	Not Reported	HUC:	02020008
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	85	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

B31
NNW
1/2 - 1 Mile
Lower

FRDS PWS **NY0010747**

PWS ID:	NY0010747	PWS type:	System Owner/Responsible Party
PWS name:	GLICK BARRY DR	PWS address:	C/O BARRY GLICK
PWS city:	TABERG	PWS state:	NY
PWS zip:	13471	PWS ID:	NY0010747
Activity status:	Active	Date system activated:	Not Reported
Date system deactivated:	Not Reported	Retail population:	00000070
System name:	ANNSVILLE YOUTH CAMP	System address:	Not Reported
System address:	ROUTE 285	System city:	ANNSVILLE
System state:	NY	System zip:	13471
County FIPS:	032	City served:	ANNSVILLE (T)
Latitude:	411827	Longitude:	0735541
Latitude:	432041	Longitude:	0753959

B32
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000842306**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	WE 629	Type:	Well
Description:	Not Reported	HUC:	02030101
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Bedrock
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	105	Well Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

County	Town	Num Tests	Avg Result	Geo Mean	Max Result
WESTCHESTER	BEDFORD	108	2.44	1.65	21.7
WESTCHESTER	CORTLANDT	169	5.15	2.22	95.4
WESTCHESTER	EASTCHESTER	76	2.89	1.75	41.9
WESTCHESTER	GREENBURGH	222	2.26	1.46	21.8
WESTCHESTER	HARRISON	69	3.3	2.07	42.3
WESTCHESTER	LEWISBORO	72	3.91	2.61	19.2
WESTCHESTER	MAMARONECK	123	4	2.42	35.9
WESTCHESTER	MT. KISCO	38	2.33	1.72	9.3
WESTCHESTER	MT. PLEASANT	172	2.13	1.43	17.1
WESTCHESTER	MT. VERNON	53	2.82	1.65	32
WESTCHESTER	NEW CASTLE	134	2.2	1.46	31.7
WESTCHESTER	NEW ROCHELLE	127	1.92	1.31	13.8
WESTCHESTER	NO. CASTLE	64	3.49	2.25	16.5
WESTCHESTER	NO. SALEM	56	3.78	2.56	25.7
WESTCHESTER	OSSINING	65	2.08	1.39	10.9
WESTCHESTER	PEEKSKILL	47	3.66	2.34	19.9
WESTCHESTER	PELHAM	26	2.5	1.91	9.1
WESTCHESTER	POUND RIDGE	34	3.37	2.22	18.5
WESTCHESTER	RYE	98	2.24	1.63	9.5
WESTCHESTER	SCARSDALE	138	2.35	1.63	22.4
WESTCHESTER	SOMERS	72	3.89	2.82	21.3
WESTCHESTER	WHITE PLAINS	132	2.76	1.48	65.2
WESTCHESTER	YONKERS	153	2.23	1.37	16
WESTCHESTER	YORKTOWN	181	2.7	1.72	27.2

Federal EPA Radon Zone for WESTCHESTER County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for WESTCHESTER COUNTY, NY

Number of sites tested: 650

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.930 pCi/L	97%	3%	0%
Basement	1.730 pCi/L	84%	13%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Source: Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

418 North Division Street

418 North Division Street

Peekskill, NY 10566

Inquiry Number: 7846483.3

December 11, 2024

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

12/11/24

Site Name:

418 North Division Street
418 North Division Street
Peekskill, NY 10566
EDR Inquiry # 7846483.3

Client Name:

SESI Consulting Engineers
959 Route 46E 3rd Floor
Parsippany, NJ 07054
Contact: Annmarie Yannaco

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by SESI Consulting Engineers were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # CCA6-4C4D-A3F2

PO # NA

Project 13904

Maps Provided:

1972	1905
1971	1900
1964	1895
1958	1887
1950	
1942	
1923	
1911	

Sanborn® Library search results

Certification #: CCA6-4C4D-A3F2

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

SESI Consulting Engineers (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT. Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2024 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

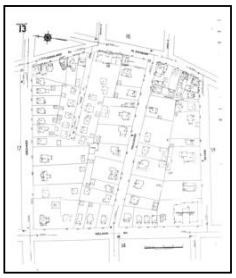
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1972 Source Sheets

Volume 1, Sheet 18
1972

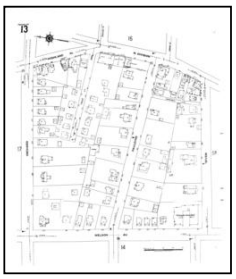
Volume 1, Sheet 17
1972


Volume 1, Sheet 13
1972

Volume 1, Sheet 15
1972

1971 Source Sheets

Volume 1, Sheet 15
1971


Volume 1, Sheet 13
1971

Volume 1, Sheet 18
1971

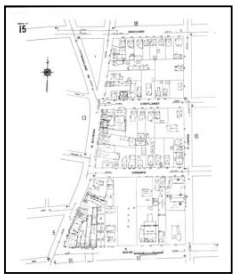
Volume 1, Sheet 17
1971

1964 Source Sheets

Volume 1, Sheet 17
1964

Volume 1, Sheet 18
1964

Volume 1, Sheet 13
1964


Volume 1, Sheet 15
1964

1958 Source Sheets

Volume 1, Sheet 15
1958

Volume 1, Sheet 13
1958

Volume 1, Sheet 18
1958

Volume 1, Sheet 17
1958

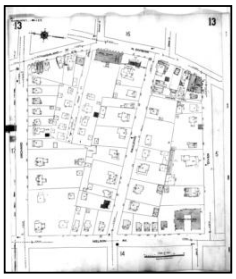
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1950 Source Sheets

Volume 1, Sheet 17
1950

Volume 1, Sheet 18
1950


Volume 1, Sheet 13
1950

Volume 1, Sheet 15
1950

1942 Source Sheets

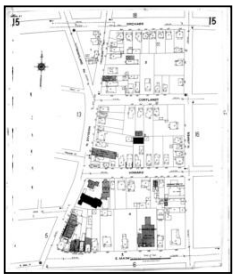
Volume 4, Sheet xxxx
1942

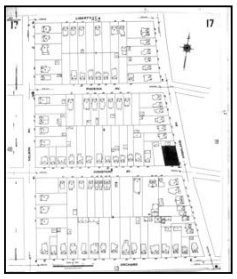
Volume 4, Sheet xxxx
1942

1923 Source Sheets

Volume 1, Sheet 18
1923

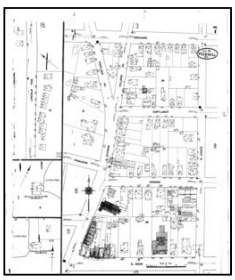
Volume 1, Sheet 13
1923


Volume 1, Sheet 15
1923


Volume 1, Sheet 17
1923

1911 Source Sheets

Volume 1, Sheet 6
1911


Volume 1, Sheet 7
1911

Volume 1, Sheet 3
1911

Volume 1, Sheet 2
1911

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1905 Source Sheets

Volume 1, Sheet 2
1905

Volume 1, Sheet 3
1905

Volume 1, Sheet 6
1905

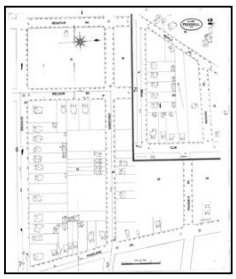
Volume 1, Sheet 7
1905

1900 Source Sheets

Volume 1, Sheet 7
1900

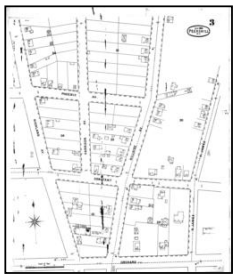
Volume 1, Sheet 6
1900

Volume 1, Sheet 3
1900

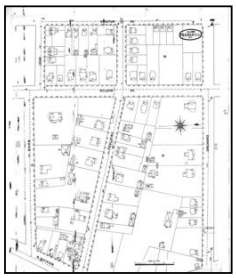

Volume 1, Sheet 2
1900

1895 Source Sheets

Volume 1, Sheet 2
1895

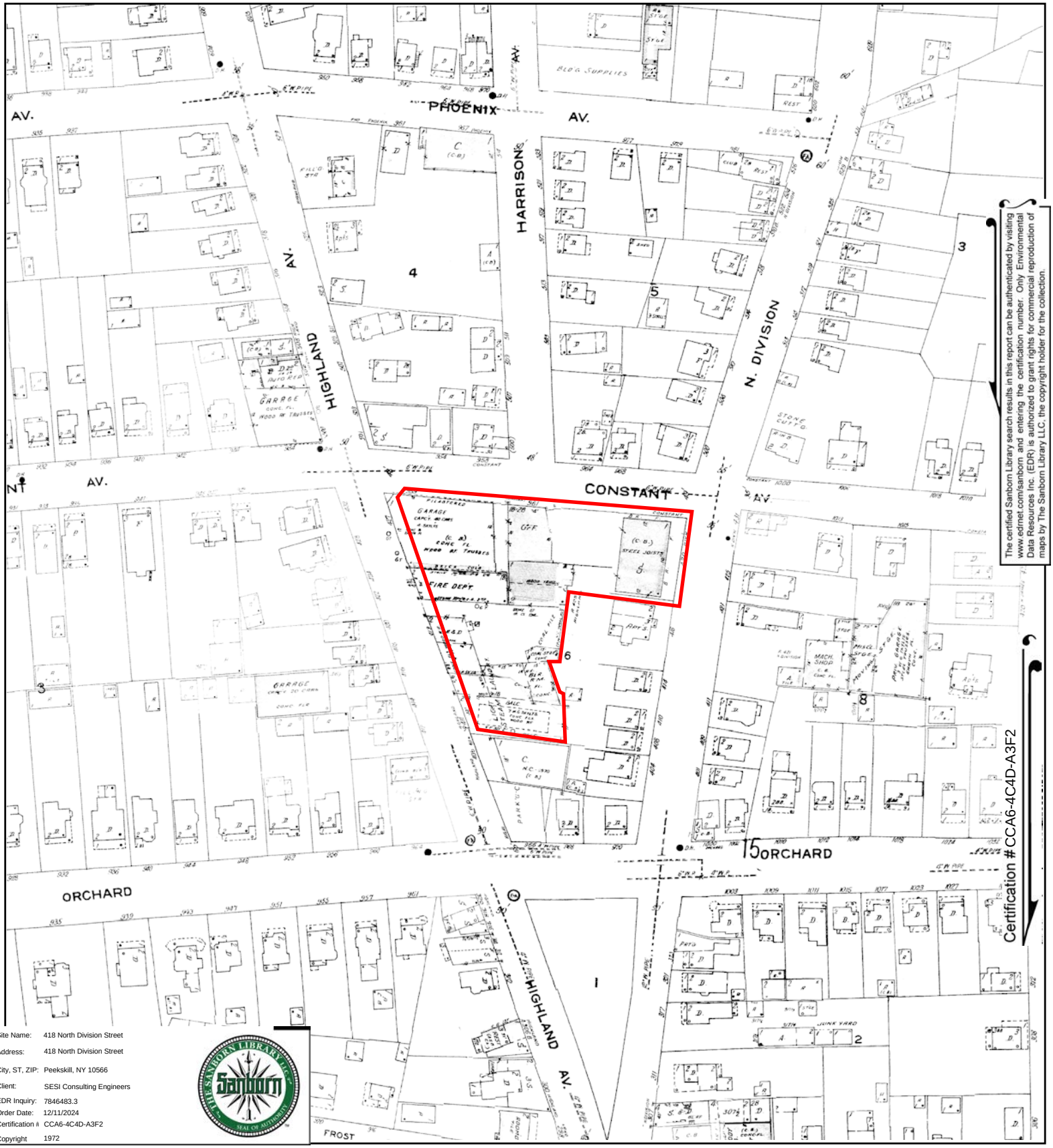

Volume 1, Sheet 3
1895

Volume 1, Sheet 6
1895


Volume 1, Sheet 7
1895

1887 Source Sheets

Volume 1, Sheet 12
1887



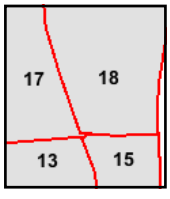
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # CCA6-4C4D-A3F2

Site Name:	418 North Division Street
Address:	418 North Division Street
City, ST, ZIP:	Peekskill, NY 10566
Client:	SESI Consulting Engineers
EDR Inquiry:	7846483.3
Order Date:	12/11/2024
Certification #:	CCA6-4C4D-A3F2
Copyright	1972

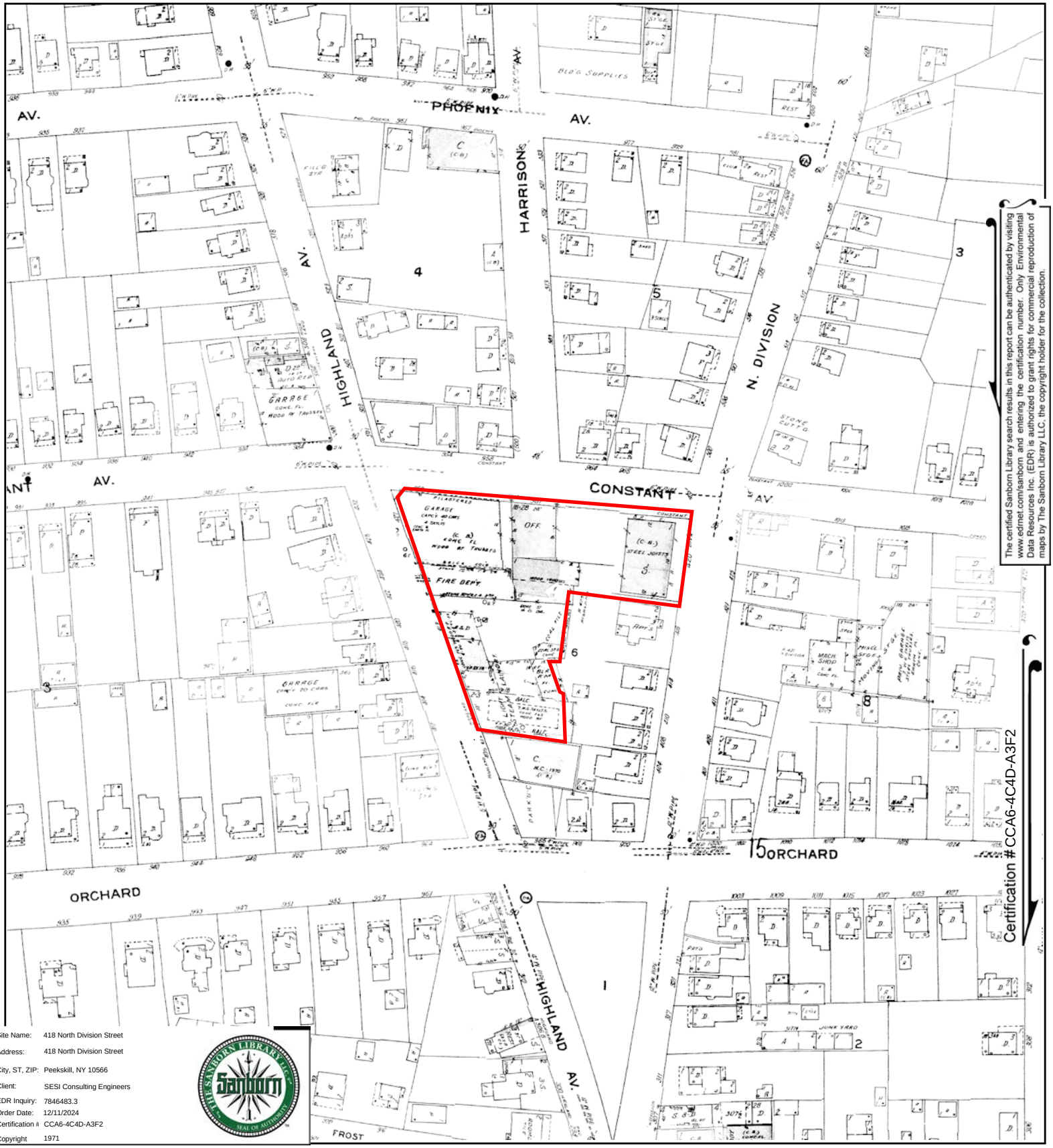
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 1, Sheet 15
Volume 1, Sheet 13
Volume 1, Sheet 17
Volume 1, Sheet 18

N

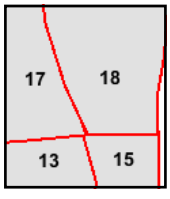


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #CCA6-4C4D-A3F2

Site Name:	418 North Division Street
Address:	418 North Division Street
City, ST, ZIP:	Peekskill, NY 10566
Client:	SESI Consulting Engineers
EDR Inquiry:	7846483.3
Order Date:	12/11/2024
Certification #:	CCA6-4C4D-A3F2
Copyright	1971

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



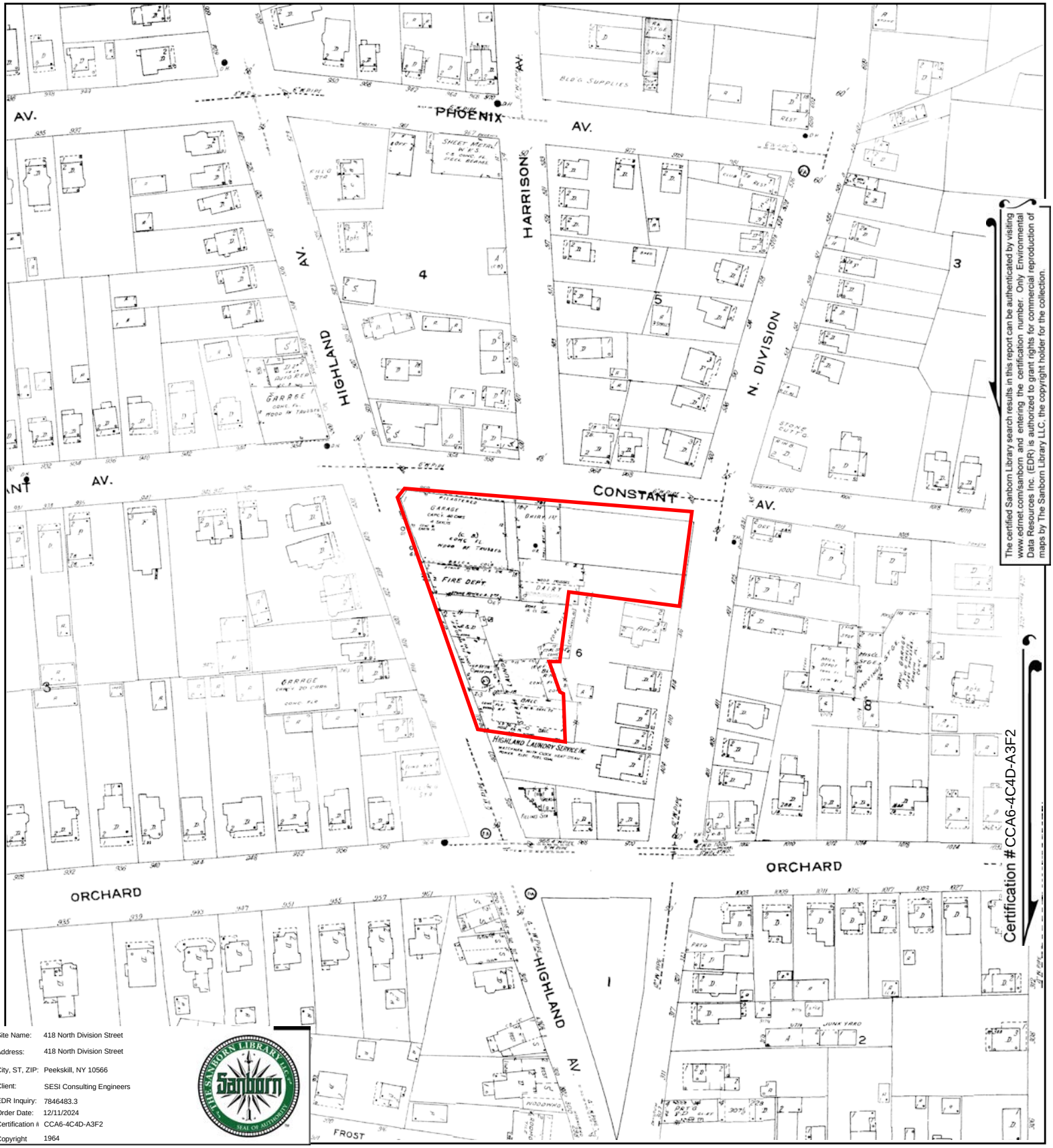
Volume 1, Sheet 17
Volume 1, Sheet 18
Volume 1, Sheet 13
Volume 1, Sheet 15

0 Feet 150 300 600

N

Certified Sanborn® Map

1964



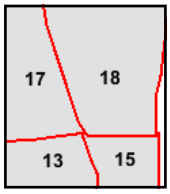
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #CCA6-4C4D-A3F2

Site Name:	418 North Division Street
Address:	418 North Division Street
City, ST, ZIP:	Peekskill, NY 10566
Client:	SESI Consulting Engineers
EDR Inquiry:	7846483.3
Order Date:	12/11/2024
Certification #:	CCA6-4C4D-A3F2
Copyright	1964

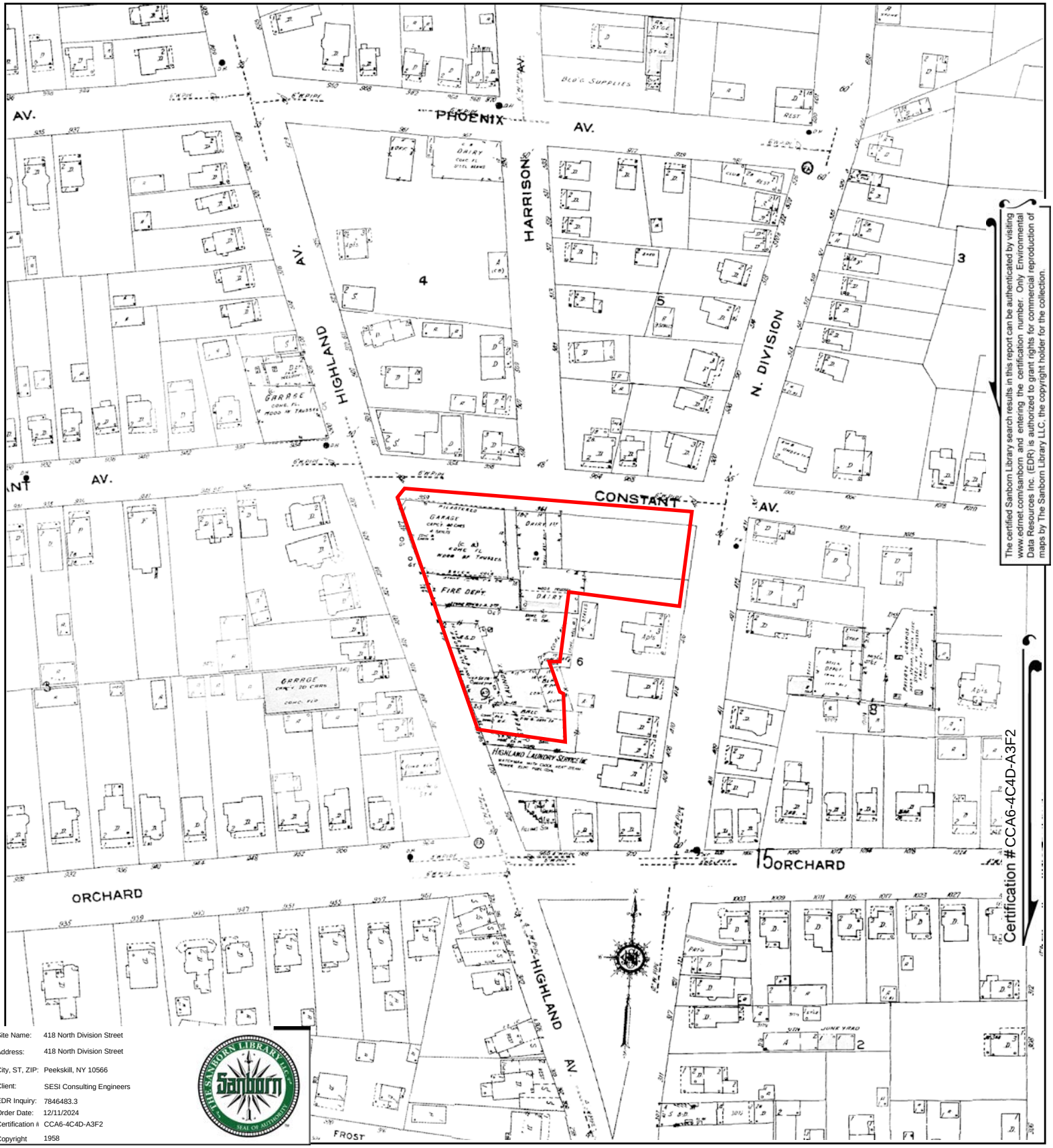
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 1, Sheet 15
Volume 1, Sheet 13
Volume 1, Sheet 18
Volume 1, Sheet 17

N

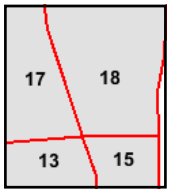


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # CCA6-4C4D-A3F2

Site Name:	418 North Division Street
Address:	418 North Division Street
City, ST, ZIP:	Peekskill, NY 10566
Client:	SESI Consulting Engineers
EDR Inquiry:	7846483.3
Order Date:	12/11/2024
Certification #:	CCA6-4C4D-A3F2
Copyright	1958

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



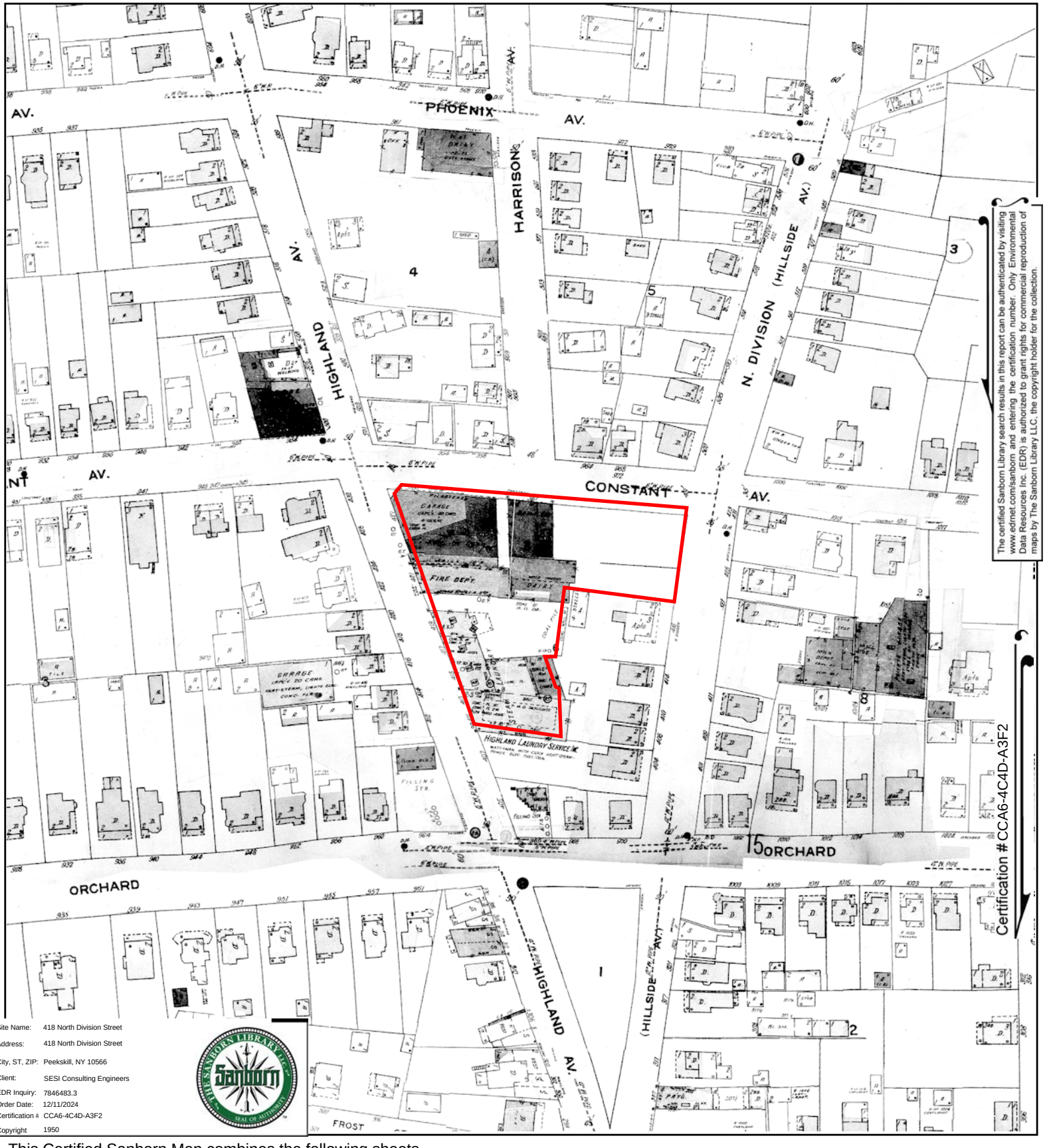
Volume 1, Sheet 17
Volume 1, Sheet 18
Volume 1, Sheet 13
Volume 1, Sheet 15

0 Feet 150 300 600

N

Certified Sanborn® Map

1950



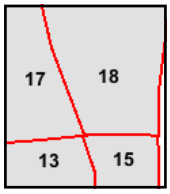
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #CCA6-4C4D-A3F2

Site Name:	418 North Division Street
Address:	418 North Division Street
City, ST, ZIP:	Peekskill, NY 10566
Client:	SESI Consulting Engineers
EDR Inquiry:	7846483.3
Order Date:	12/11/2024
Certification #:	CCA6-4C4D-A3F2
Copyright	1950

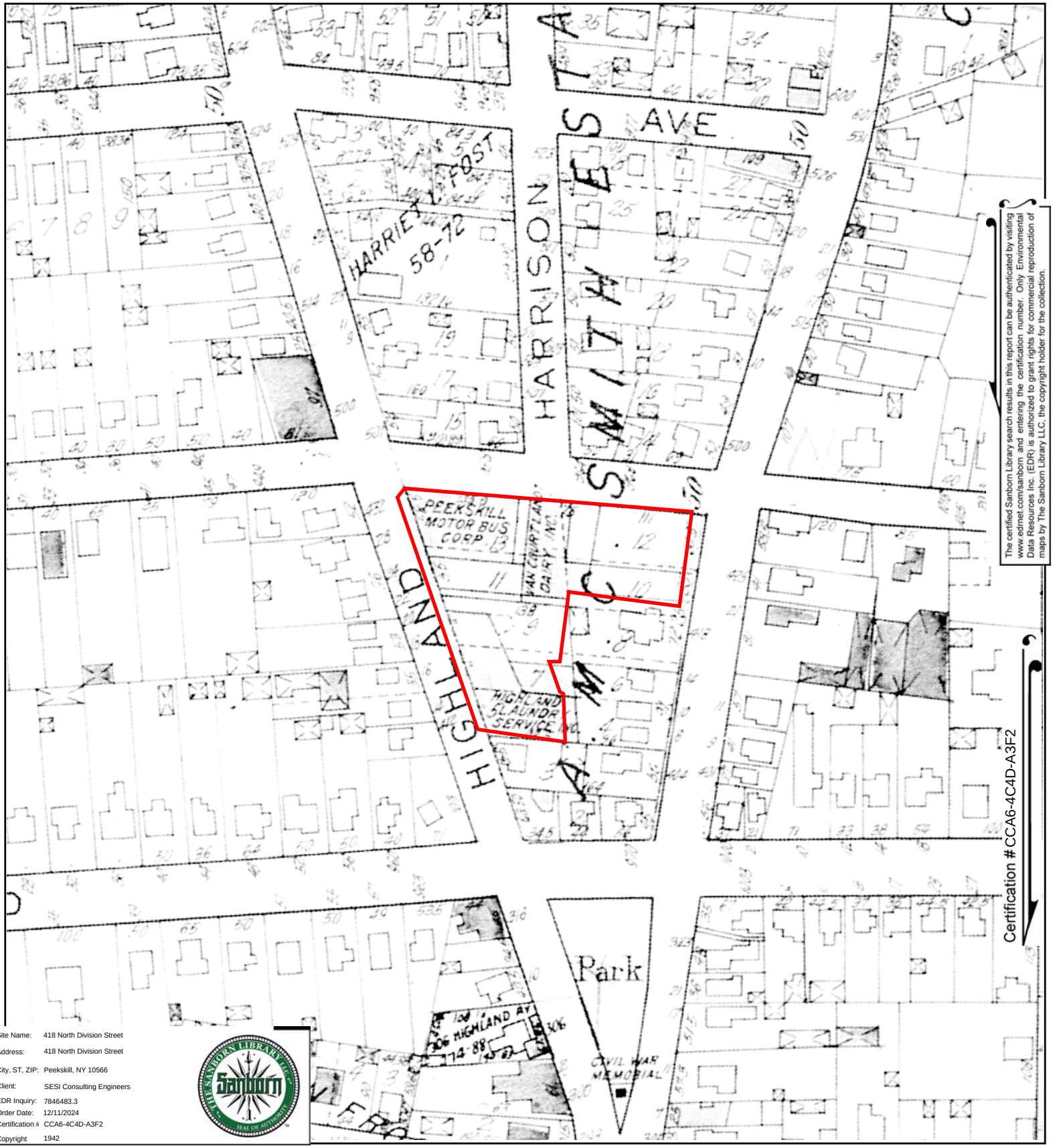
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 1, Sheet 15
Volume 1, Sheet 13
Volume 1, Sheet 18
Volume 1, Sheet 17

N

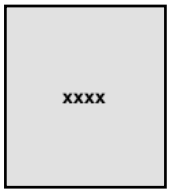


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #CCA6-4C4D-A3F2

Site Name:	418 North Division Street
Address:	418 North Division Street
City, ST, ZIP:	Peekskill, NY 10566
Client:	SESI Consulting Engineers
EDR Inquiry:	7846483.3
Order Date:	12/11/2024
Certification #:	CCA6-4C4D-A3F2
Copyright	1942

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



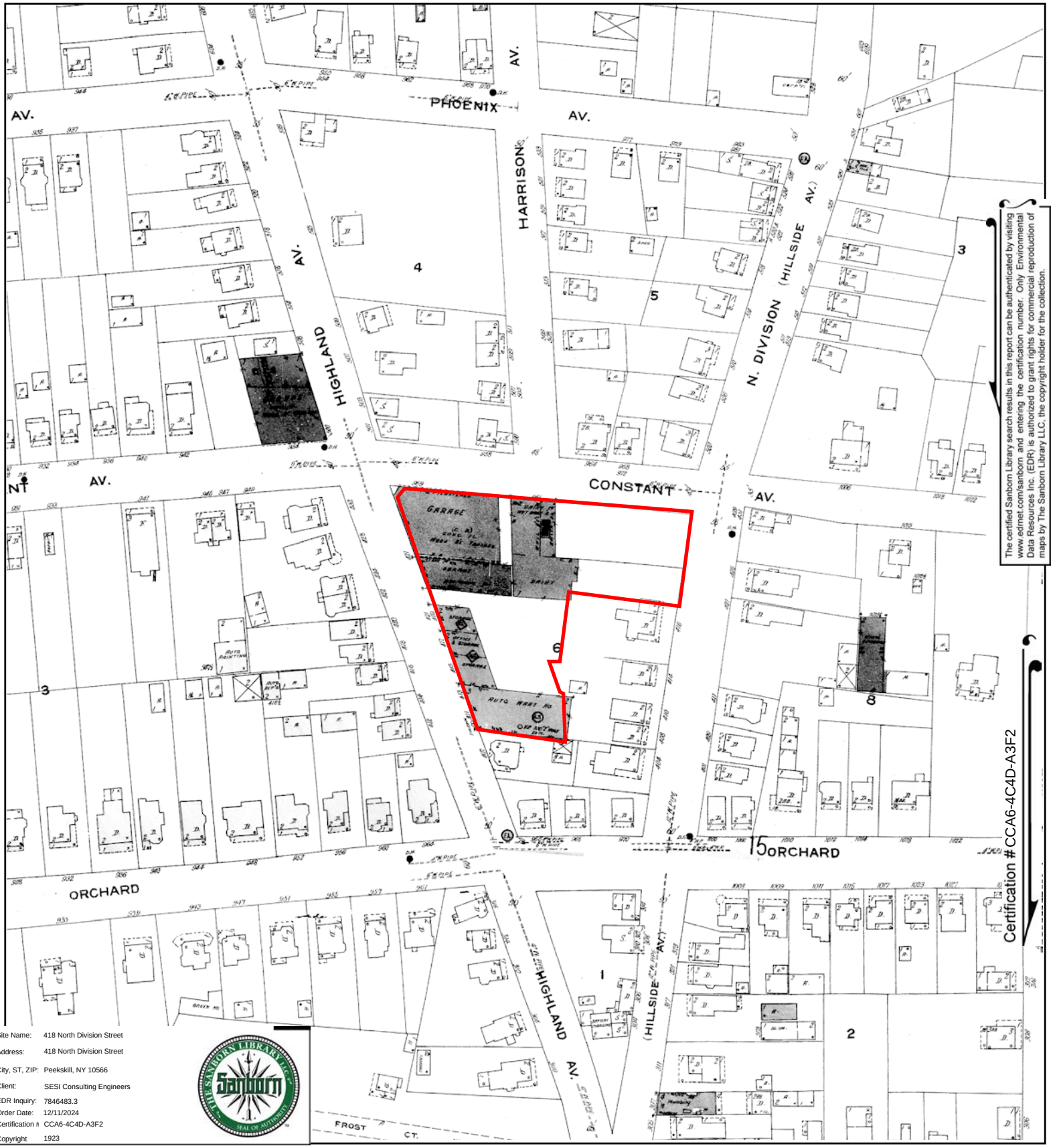
Volume 4, Sheet xxxx
Volume 4, Sheet xxxx

0 Feet 150 300 600

N

Certified Sanborn® Map

1923

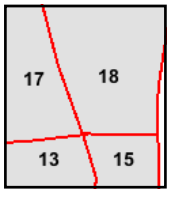


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #CCA6-4C4D-A3F2

Site Name:	418 North Division Street
Address:	418 North Division Street
City, ST, ZIP:	Peekskill, NY 10566
Client:	SESI Consulting Engineers
EDR Inquiry:	7846483.3
Order Date:	12/11/2024
Certification #:	CCA6-4C4D-A3F2
Copyright	1923

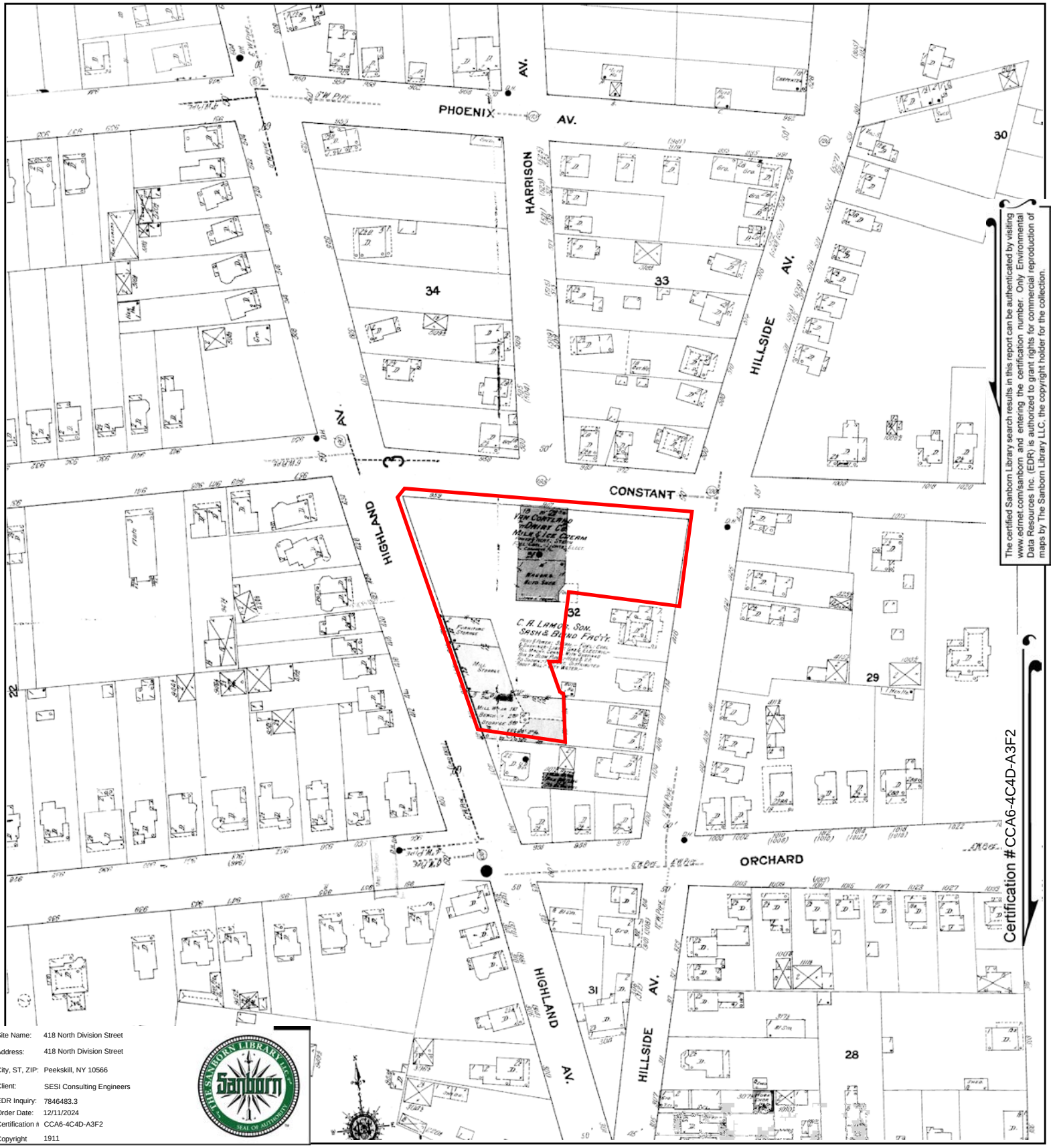
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 17
Volume 1, Sheet 15
Volume 1, Sheet 13
Volume 1, Sheet 18

0 Feet 150 300 600

N

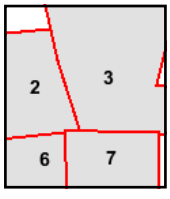


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #CCA6-4C4D-A3F2

Site Name:	418 North Division Street
Address:	418 North Division Street
City, ST, ZIP:	Peekskill, NY 10566
Client:	SESI Consulting Engineers
EDR Inquiry:	7846483.3
Order Date:	12/11/2024
Certification #:	CCA6-4C4D-A3F2
Copyright	1911

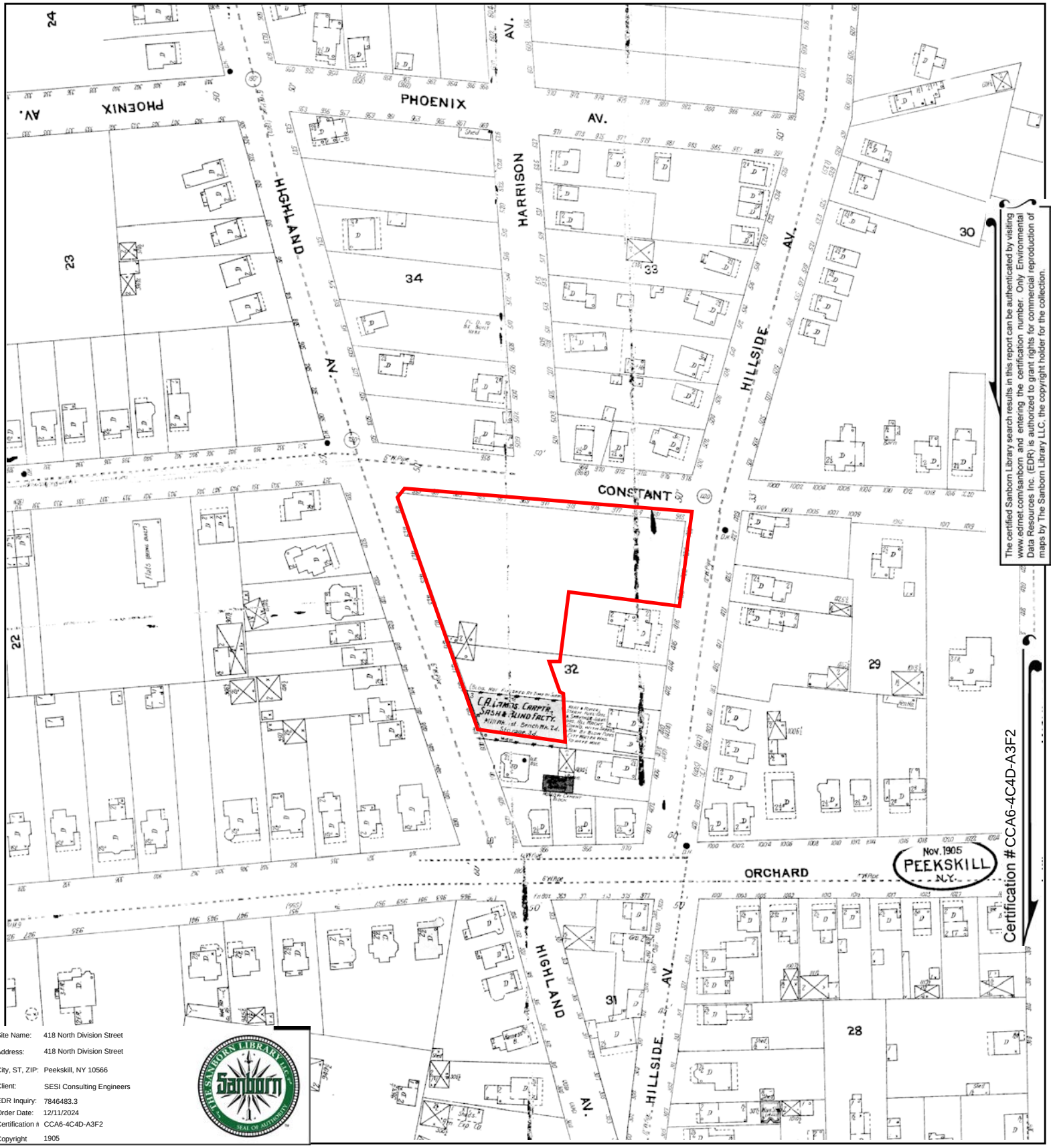
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 2
Volume 1, Sheet 3
Volume 1, Sheet 7
Volume 1, Sheet 6

0 Feet 150 300 600

N

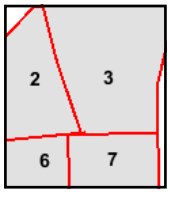


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #CCA6-4C4D-A3F2

Site Name:	418 North Division Street
Address:	418 North Division Street
City, ST, ZIP:	Peekskill, NY 10566
Client:	SESI Consulting Engineers
EDR Inquiry:	7846483.3
Order Date:	12/11/2024
Certification #:	CCA6-4C4D-A3F2
Copyright	1905

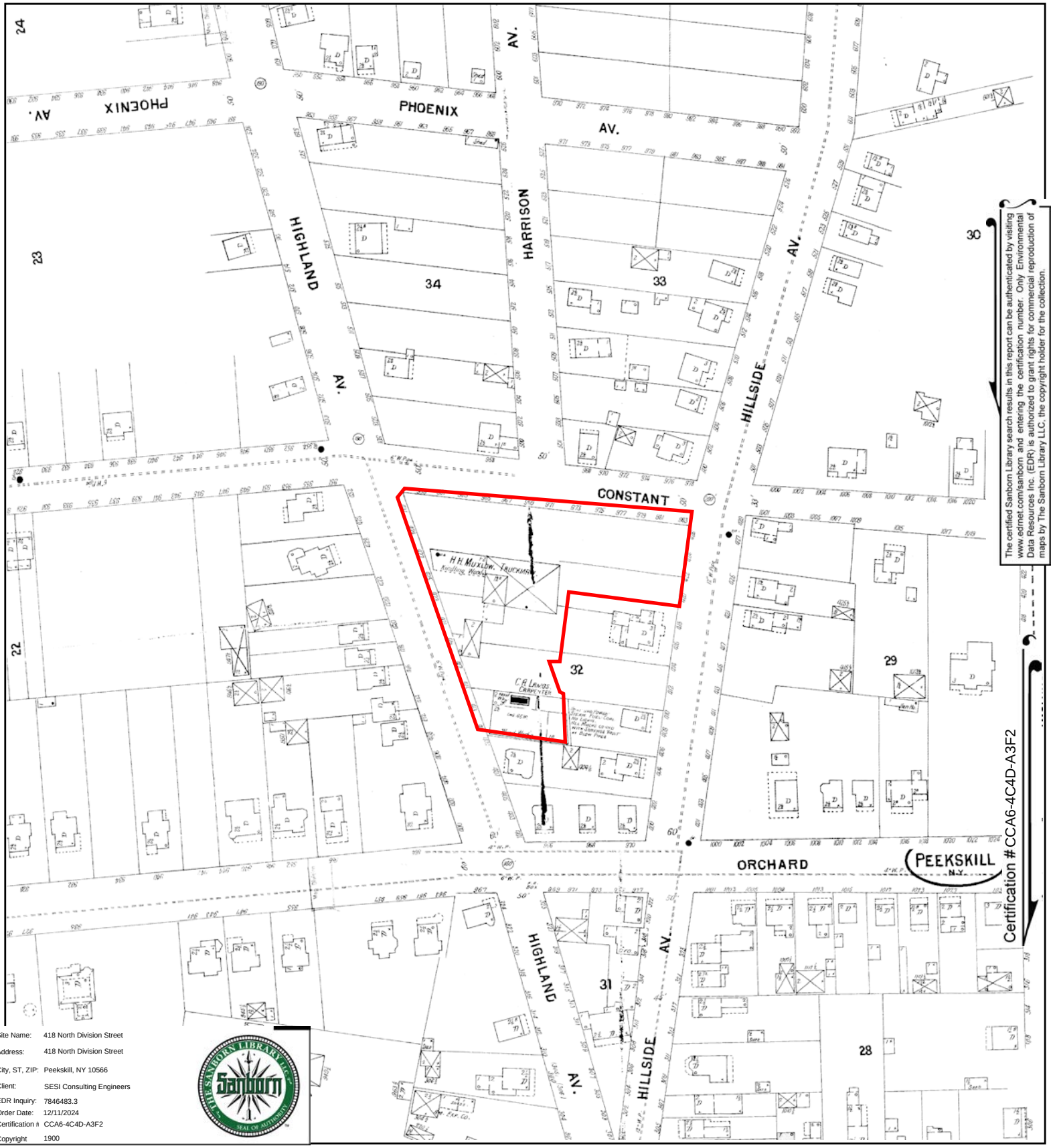
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 7
Volume 1, Sheet 6
Volume 1, Sheet 3
Volume 1, Sheet 2

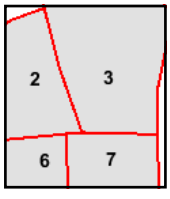
0 Feet 150 300 600

N



Site Name:	418 North Division Street
Address:	418 North Division Street
City, ST, ZIP:	Peekskill, NY 10566
Client:	SESI Consulting Engineers
EDR Inquiry:	7846483.3
Order Date:	12/11/2024
Certification #:	CCA6-4C4D-A3F2
Copyright	1900

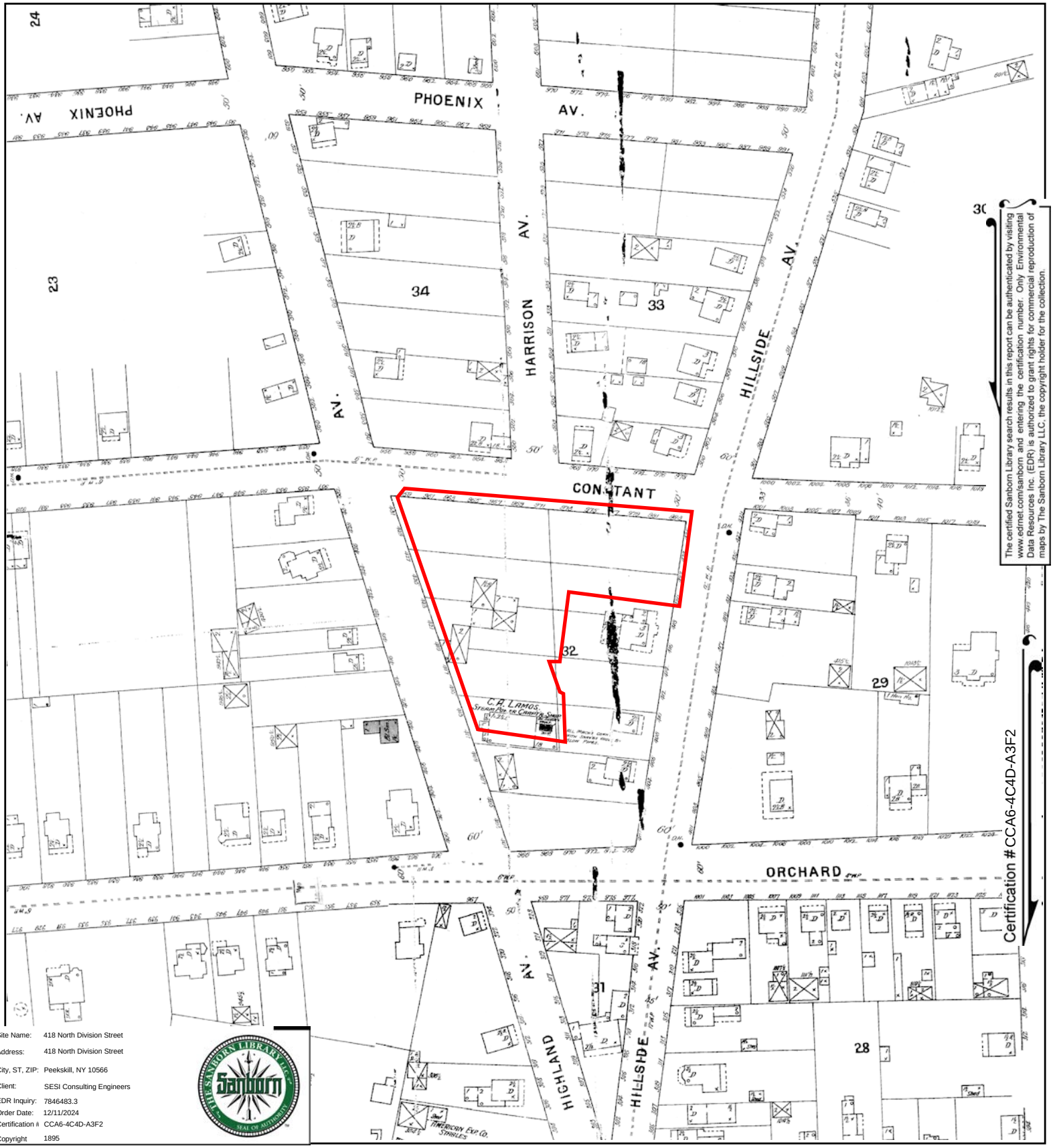
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 2
Volume 1, Sheet 3
Volume 1, Sheet 6
Volume 1, Sheet 7

0 Feet 150 300 600

N



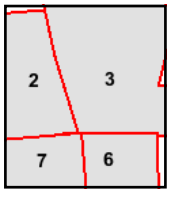
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #CCA6-4C4D-A3F2

Site Name:	418 North Division Street
Address:	418 North Division Street
City, ST, ZIP:	Peekskill, NY 10566
Client:	SESI Consulting Engineers
EDR Inquiry:	7846483.3
Order Date:	12/11/2024
Certification #:	CCA6-4C4D-A3F2
Copyright	1895

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

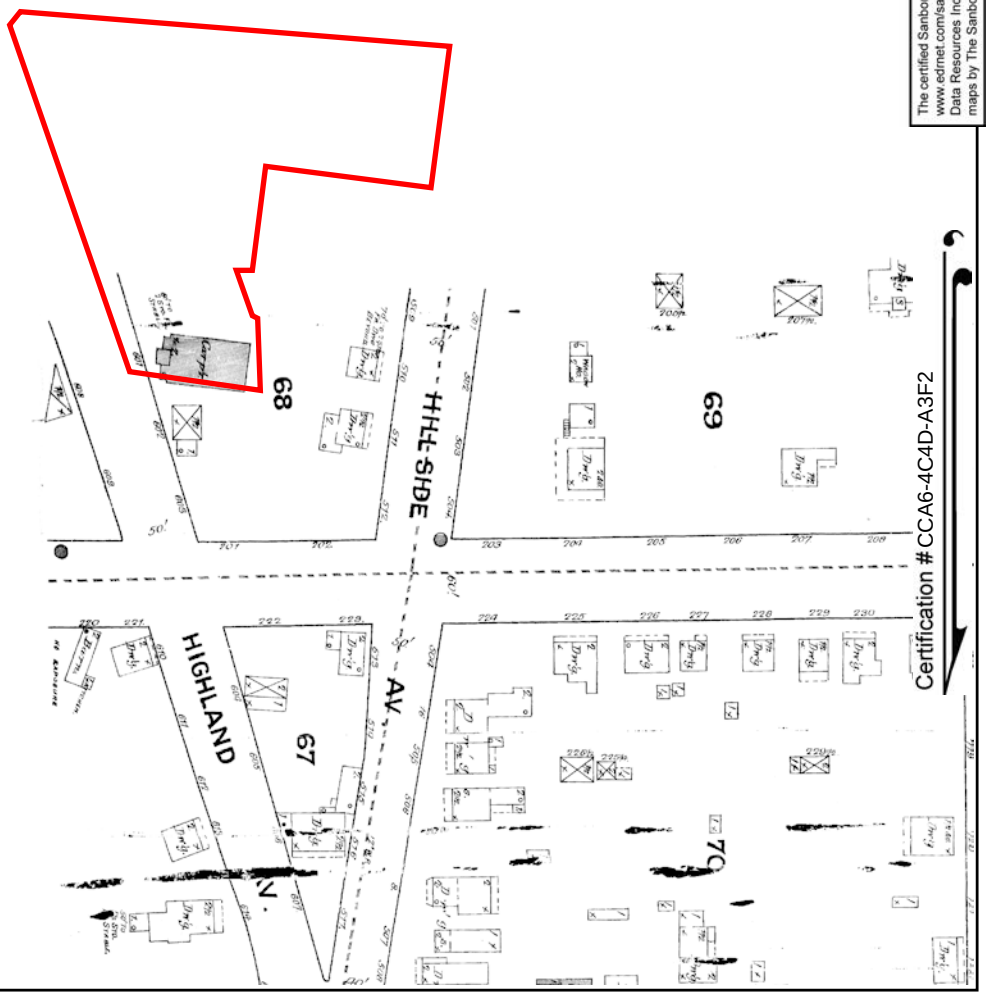
0 Feet 150 300 600



Volume 1, Sheet 7
Volume 1, Sheet 6
Volume 1, Sheet 3
Volume 1, Sheet 2

N

The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.



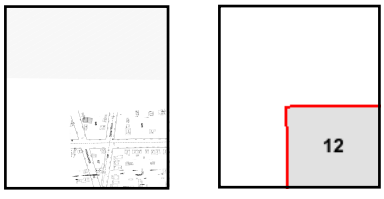
Certification # CCA6-4C4D-A3F2

Site Name: 418 North Division Street
Address: 418 North Division Street
City, ST, ZIP: Peekskill, NY 10566
Client: SESI Consulting Engineers
EDR Inquiry: 7846483.3
Order Date: 12/11/2024
Certification #: CCA6-4C4D-A3F2
Copyright: 1887

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600

Volume 1, Sheet 12



N

418 North Division Street

418 North Division Street

Peekskill, NY 10566

Inquiry Number: 7846483.4

December 11, 2024

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

12/11/24

Site Name:

418 North Division Street
418 North Division Street
Peekskill, NY 10566
EDR Inquiry # 7846483.4

Client Name:

SESI Consulting Engineers
959 Route 46E 3rd Floor
Parsippany, NJ 07054
Contact: Annmarie Yannaco

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by SESI Consulting Engineers were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: 13904

Coordinates:

Latitude:	41.29577 41° 17' 45" North
Longitude:	-73.919349 -73° 55' 10" West
UTM Zone:	Zone 18 North
UTM X Meters:	590477.62
UTM Y Meters:	4572154.32
Elevation:	179.35' above sea level

Maps Provided:

2019	1941
2016	1936
2013	1901
1981	1899
1957	1894
1950	1892
1947	
1946	

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT. Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2024 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2019 Source Sheets

Peekskill
2019
7.5-minute, 24000

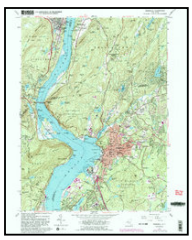
2016 Source Sheets

Peekskill
2016
7.5-minute, 24000

2013 Source Sheets

Peekskill
2013
7.5-minute, 24000

1981 Source Sheets



Peekskill
1981
7.5-minute, 24000
Aerial Photo Revised 1976

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1957 Source Sheets

Peekskill
1957
7.5-minute, 24000
Aerial Photo Revised 1955

1950 Source Sheets

PEEKSKILL
1950
7.5-minute, 25000

1947 Source Sheets

Peekskill
1947
7.5-minute, 24000
Aerial Photo Revised 1946

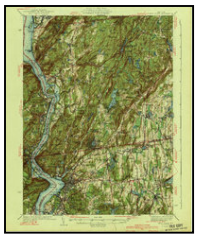
1946 Source Sheets

WEST POINT
1946
15-minute, 50000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1941 Source Sheets

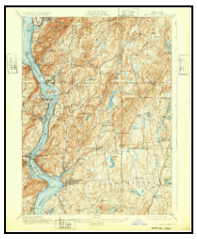


West Point
1941
15-minute, 62500

1936 Source Sheets

West Point
1936
15-minute, 48000

1901 Source Sheets



West Point
1901
15-minute, 62500

1899 Source Sheets

West Point
1899
15-minute, 62500

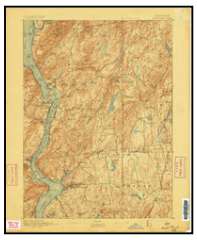
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1894 Source Sheets

West Point
1894
15-minute, 62500

1892 Source Sheets



West Point
1892
15-minute, 62500

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Peekskill, 2019, 7.5-minute

SITE NAME: 418 North Division Street
ADDRESS: 418 North Division Street
Peekskill, NY 10566
CLIENT: SESI Consulting Engineers

N

Historical Topo Map

2016

This report includes information from the following map sheet(s).

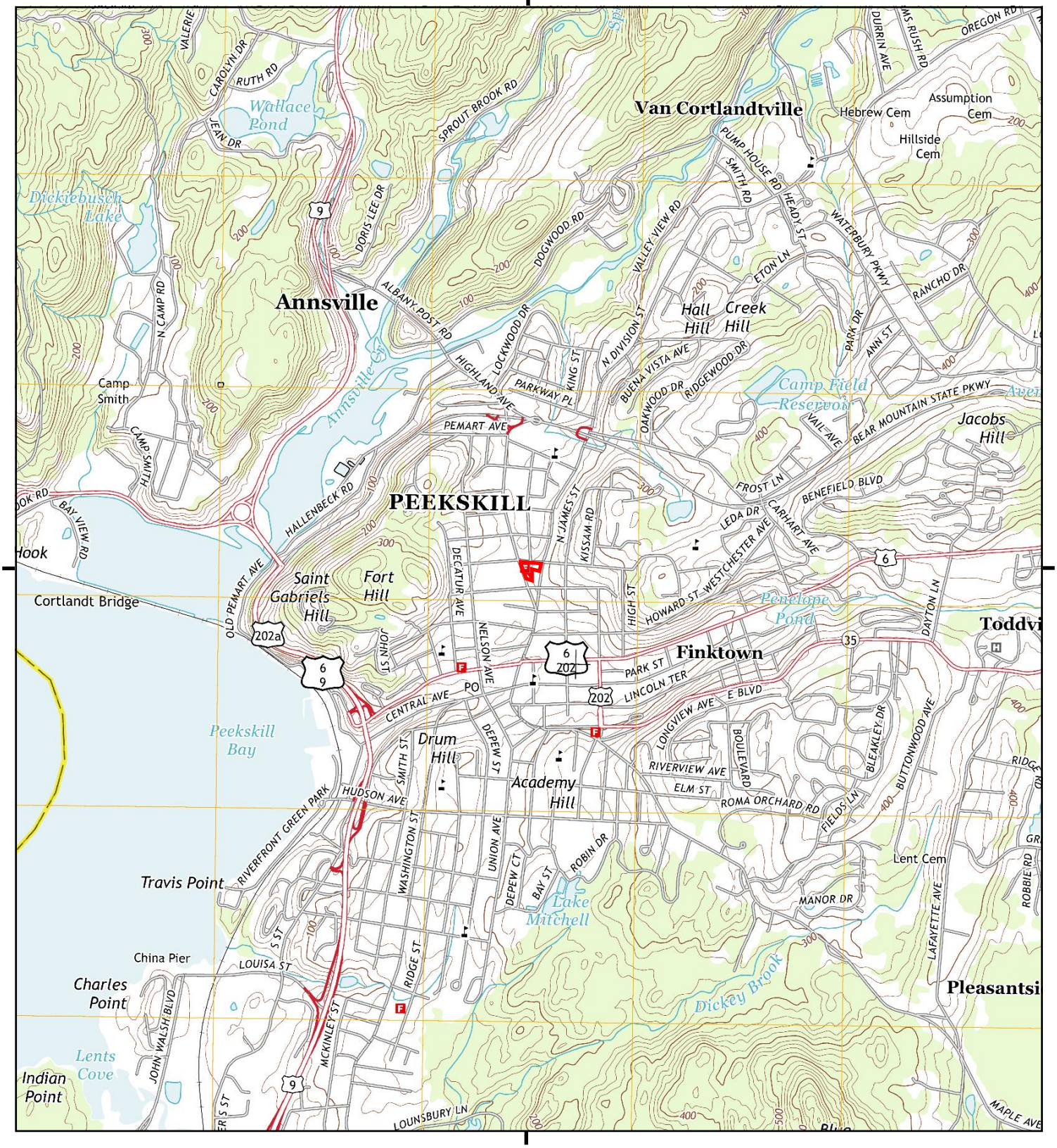
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Peekskill, 2016, 7.5-minute

SITE NAME: 418 North Division Street
ADDRESS: 418 North Division Street
Peekskill, NY 10566
CLIENT: SESI Consulting Engineers

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

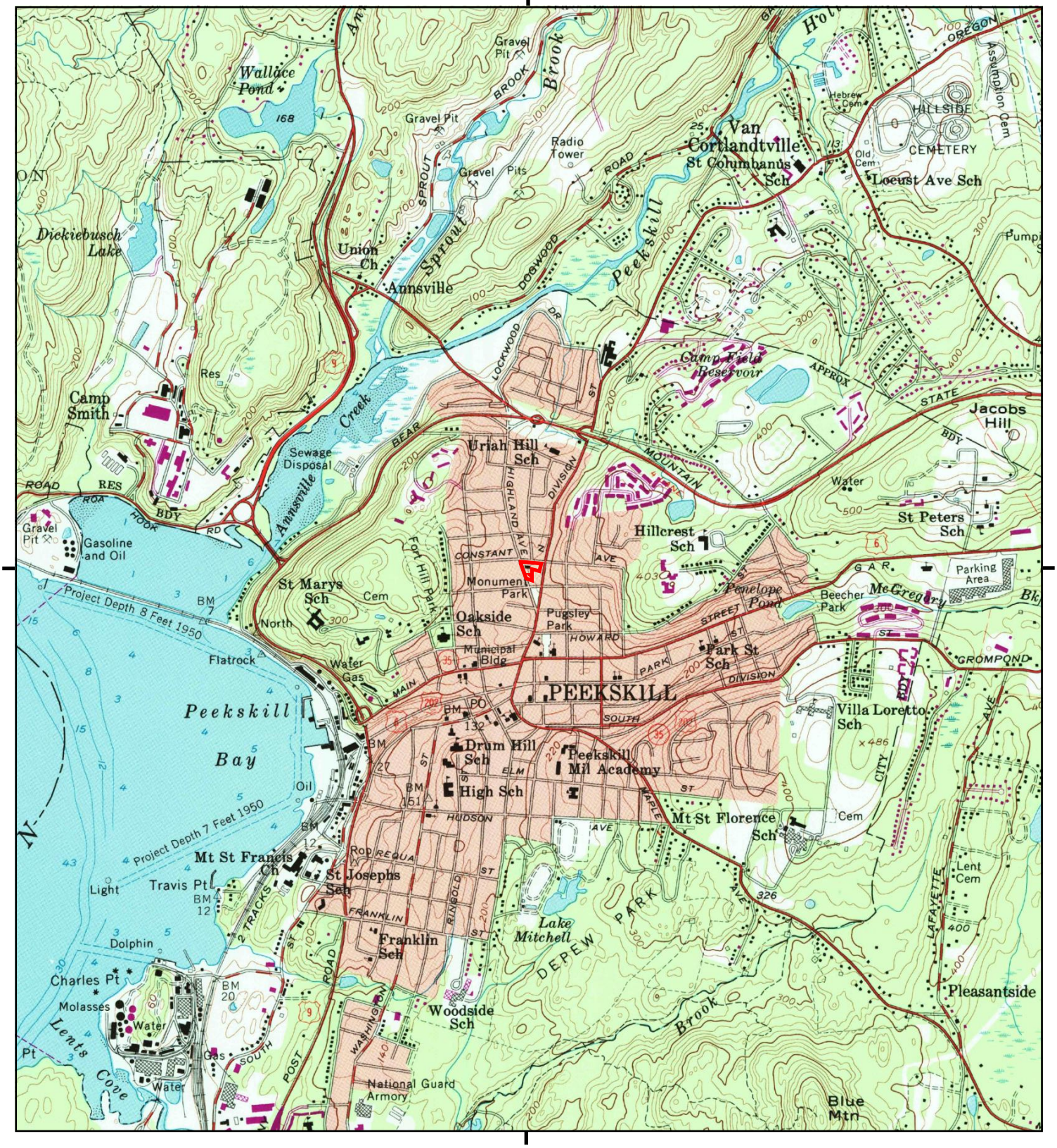
TP, Peekskill, 2013, 7.5-minute

SITE NAME: 418 North Division Street
ADDRESS: 418 North Division Street
Peekskill, NY 10566
CLIENT: SESI Consulting Engineers

N

Historical Topo Map

1981



This report includes information from the following map sheet(s).

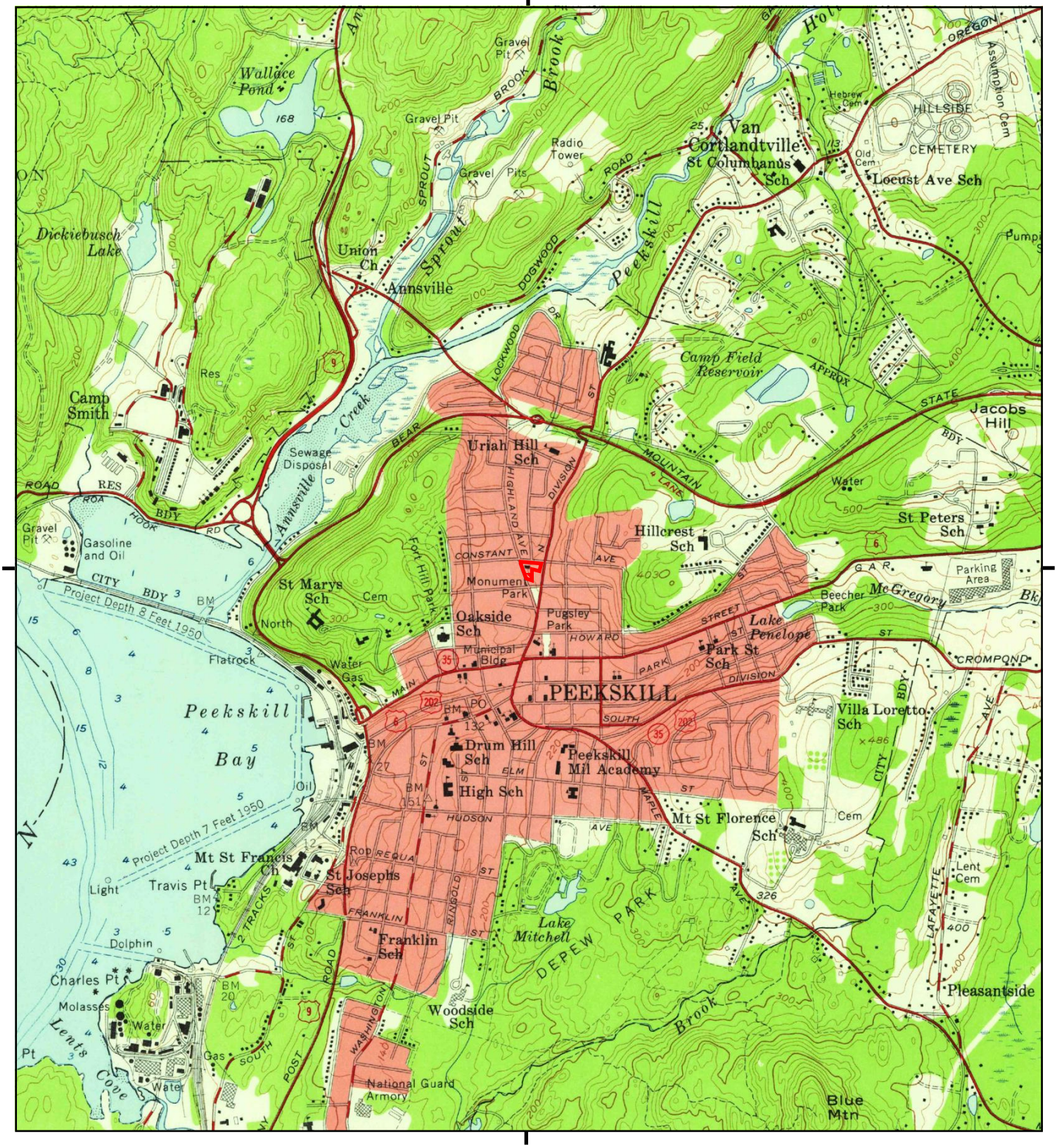
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Peekskill, 1981, 7.5-minute

SITE NAME: 418 North Division Street
ADDRESS: 418 North Division Street
Peekskill, NY 10566
CLIENT: SESI Consulting Engineers

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

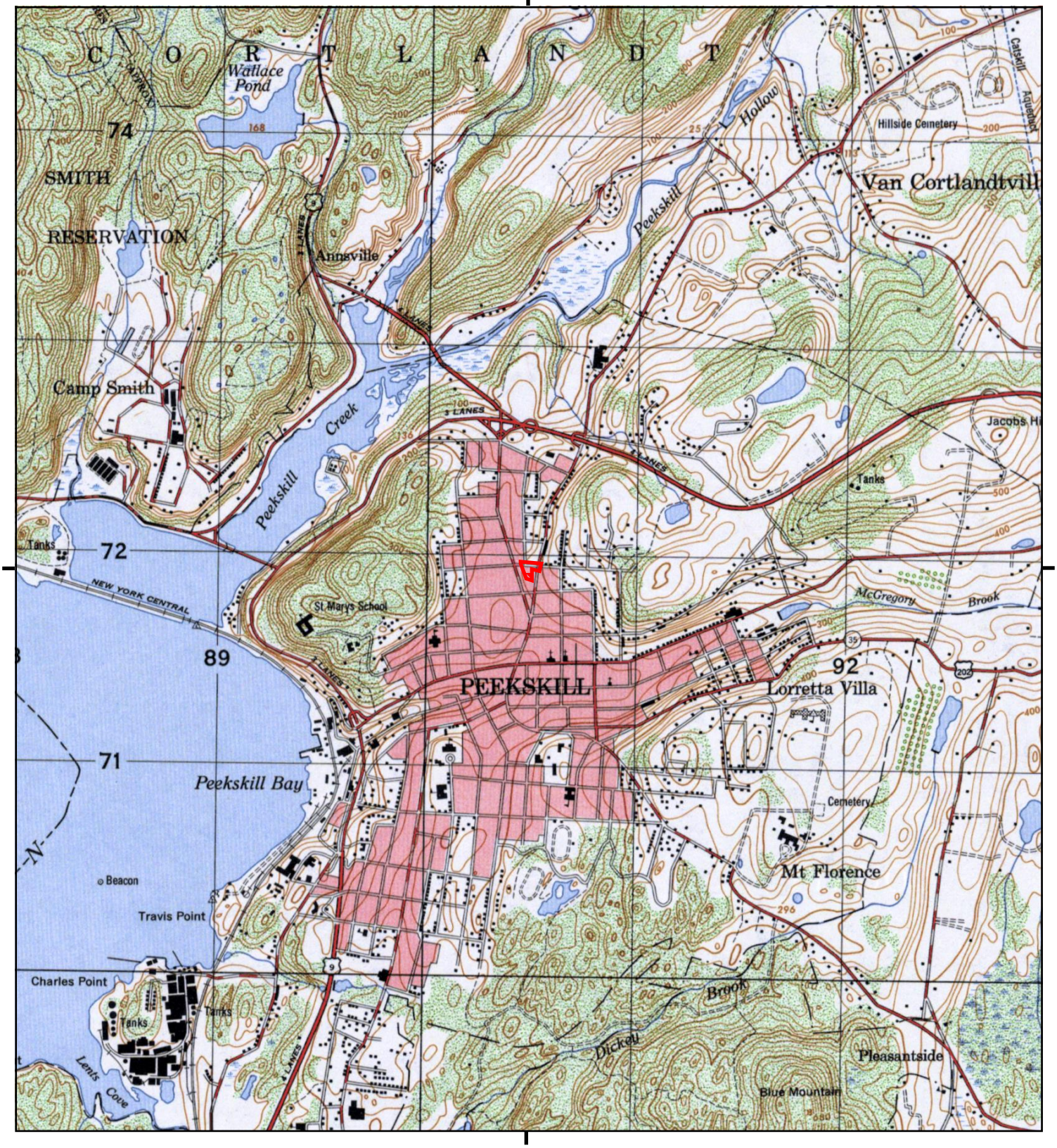
TP, Peekskill, 1957, 7.5-minute

SITE NAME: 418 North Division Street
ADDRESS: 418 North Division Street
Peekskill, NY 10566
CLIENT: SESI Consulting Engineers

N

Historical Topo Map

1950



This report includes information from the following map sheet(s).

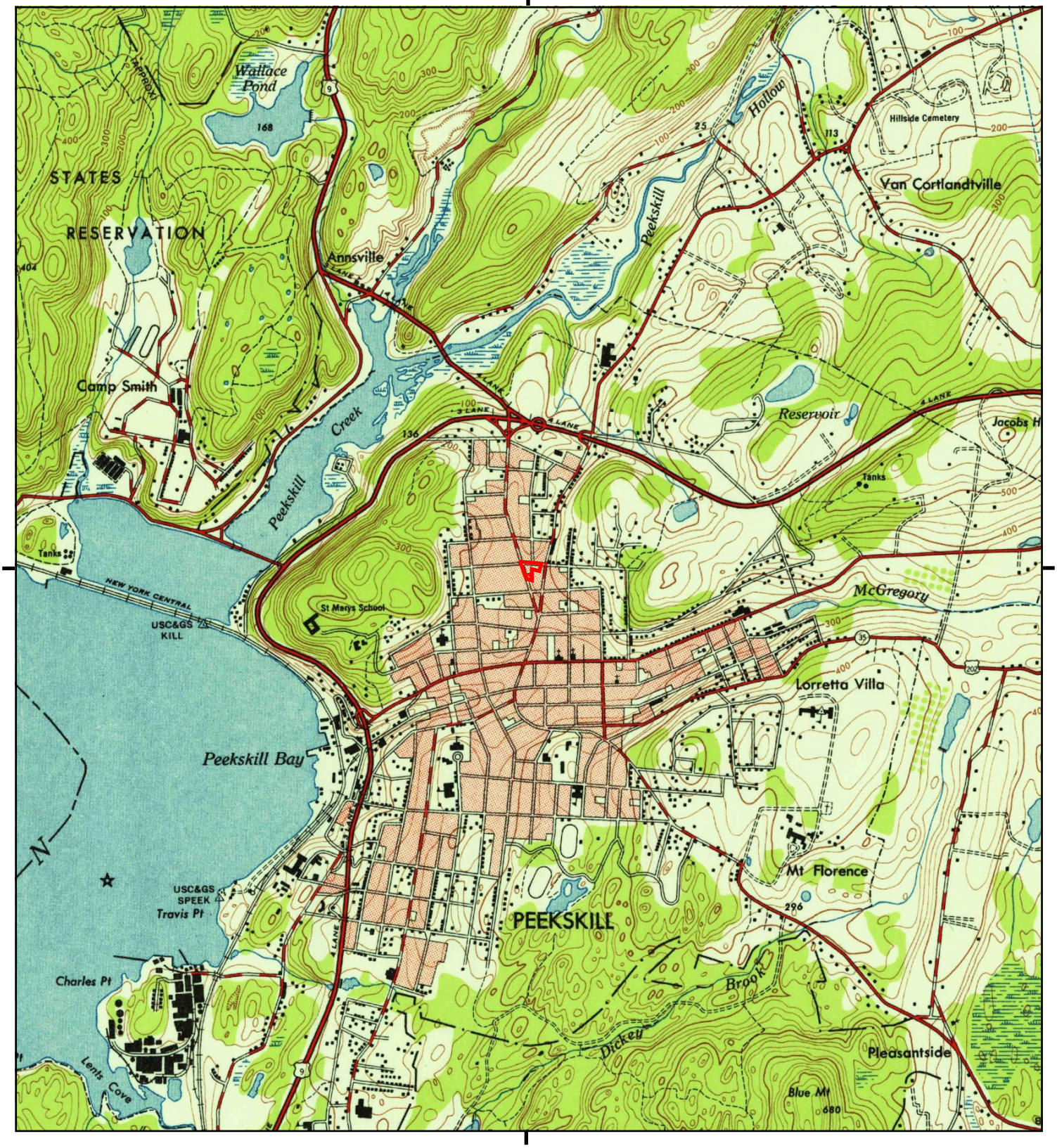
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, PEEKSKILL, 1950, 7.5-minute

SITE NAME: 418 North Division Street
ADDRESS: 418 North Division Street
Peekskill, NY 10566
CLIENT: SESI Consulting Engineers

N



This report includes information from the following map sheet(s).

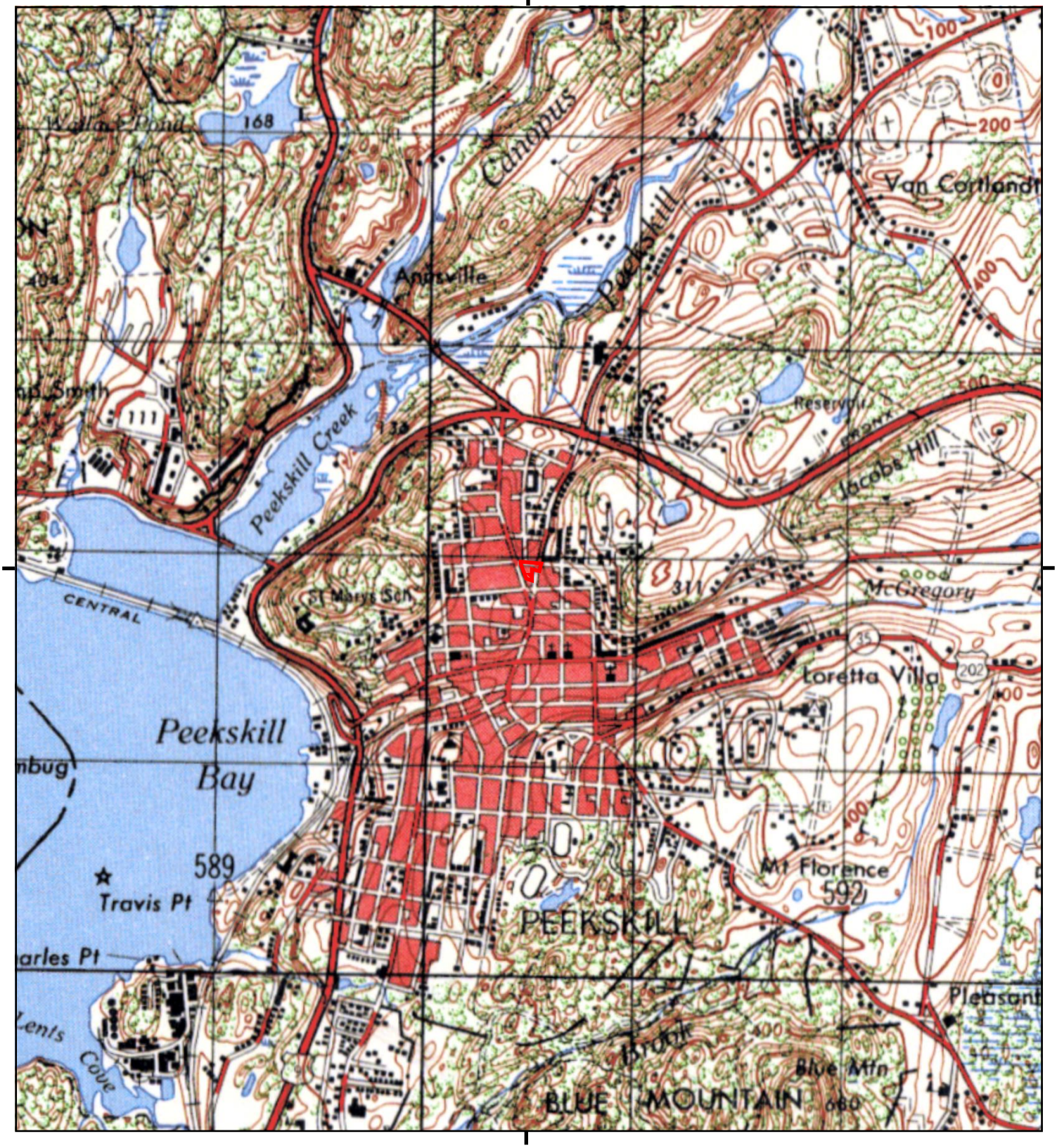
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Peekskill, 1947, 7.5-minute

SITE NAME: 418 North Division Street
ADDRESS: 418 North Division Street
Peekskill, NY 10566
CLIENT: SESI Consulting Engineers

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, WEST POINT, 1946, 15-minute

SITE NAME: 418 North Division Street
ADDRESS: 418 North Division Street
Peekskill, NY 10566
CLIENT: SESI Consulting Engineers

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, West Point, 1941, 15-minute

SITE NAME: 418 North Division Street
ADDRESS: 418 North Division Street
Peekskill, NY 10566
CLIENT: SESI Consulting Engineers

N

This report includes information from the following map sheet(s).

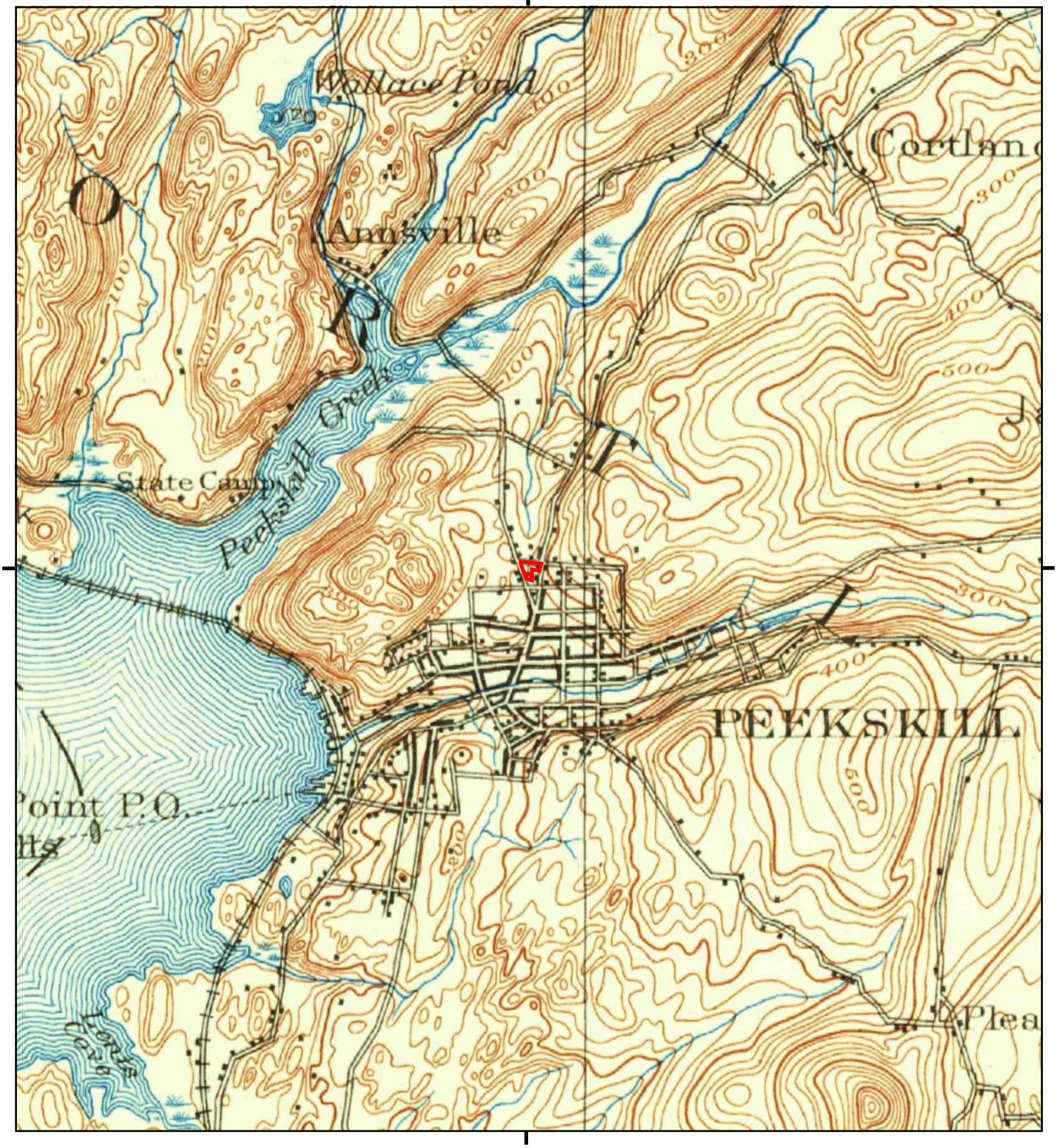
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, West Point, 1936, 15-minute

SITE NAME: 418 North Division Street
ADDRESS: 418 North Division Street
Peekskill, NY 10566
CLIENT: SESI Consulting Engineers

N



This report includes information from the following map sheet(s).

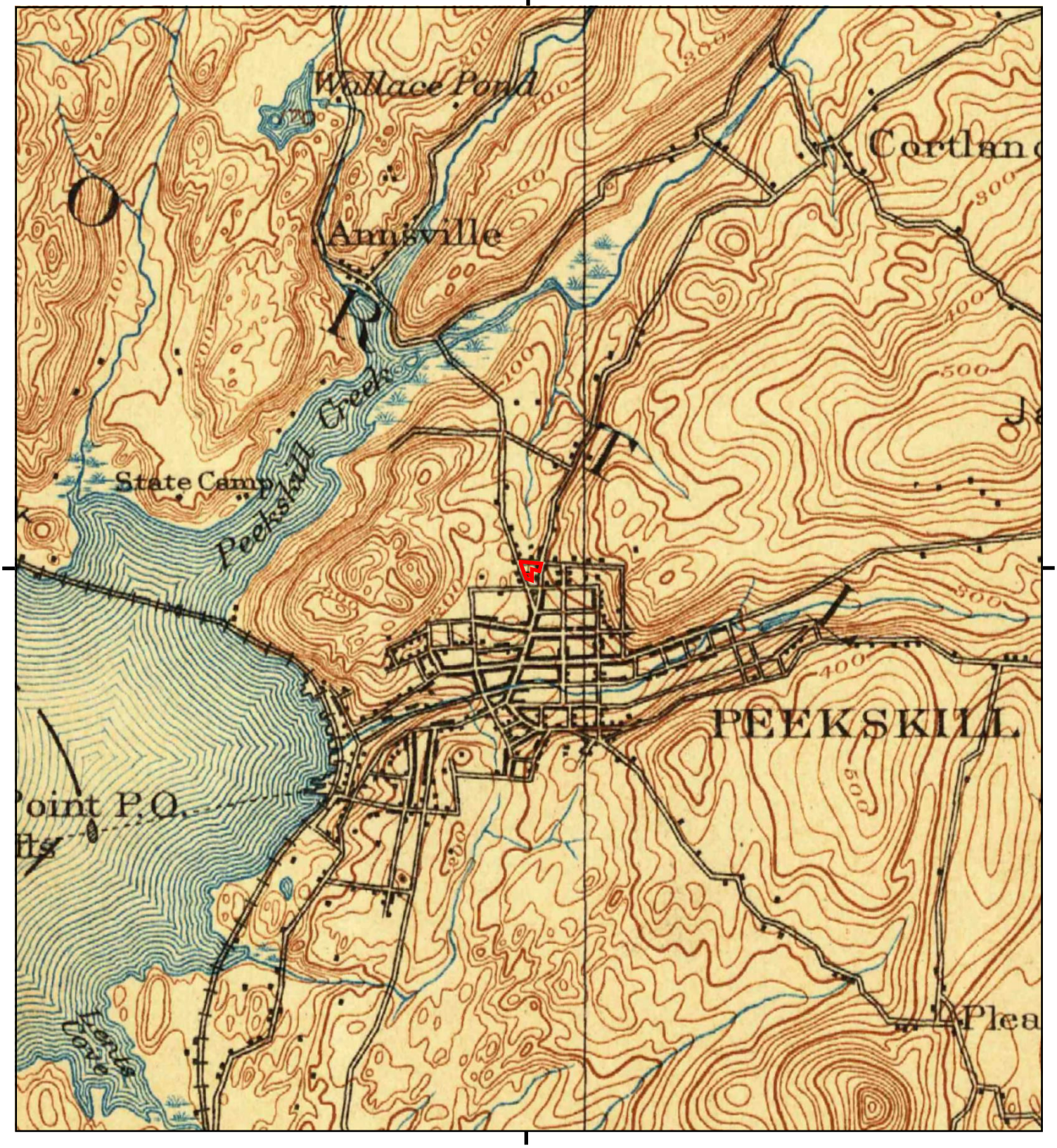
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, West Point, 1901, 15-minute

SITE NAME: 418 North Division Street
ADDRESS: 418 North Division Street
Peekskill, NY 10566
CLIENT: SESI Consulting Engineers

N



This report includes information from the following map sheet(s).

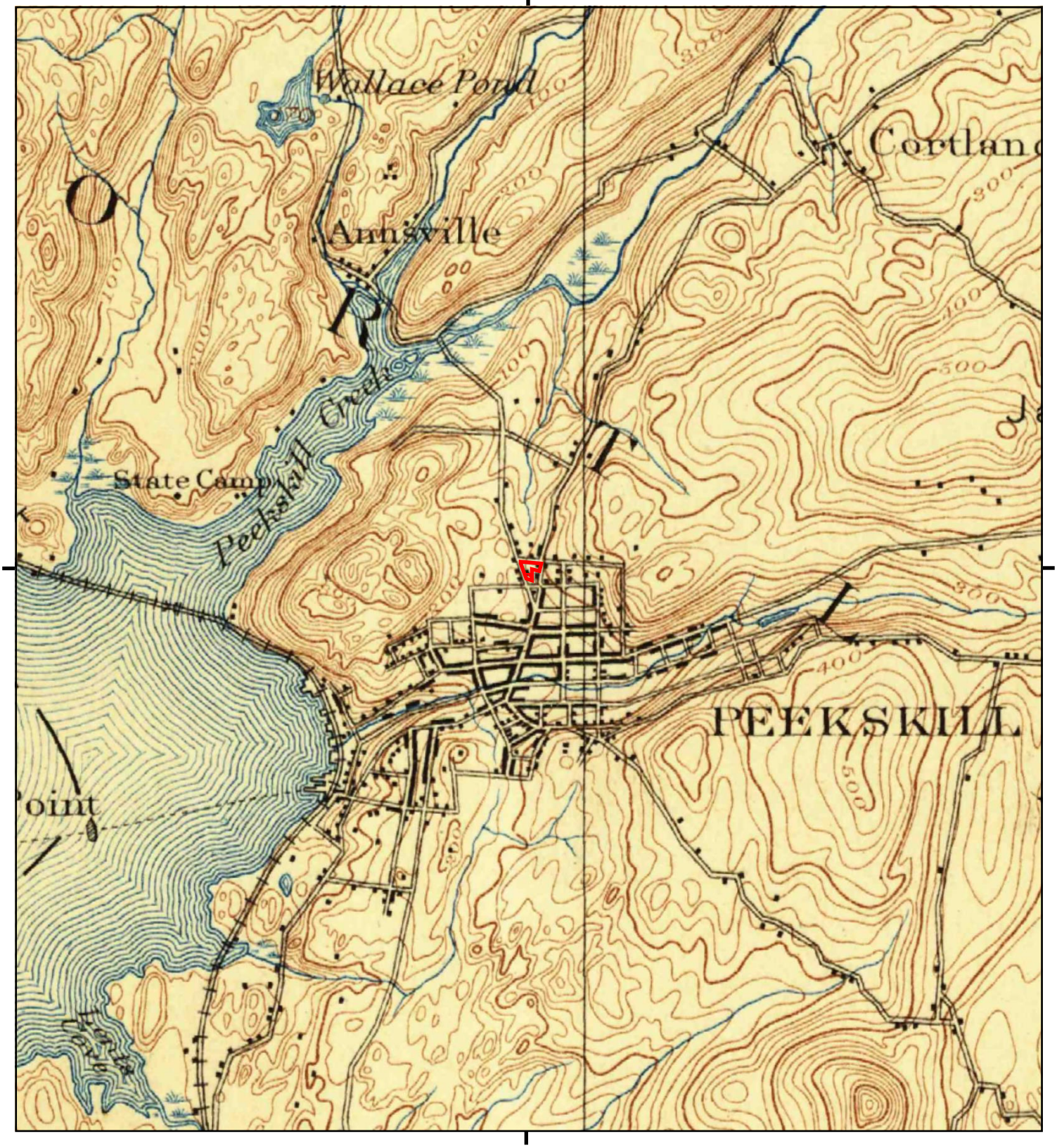
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, West Point, 1899, 15-minute

SITE NAME: 418 North Division Street
ADDRESS: 418 North Division Street
Peekskill, NY 10566
CLIENT: SESI Consulting Engineers

N



This report includes information from the following map sheet(s).

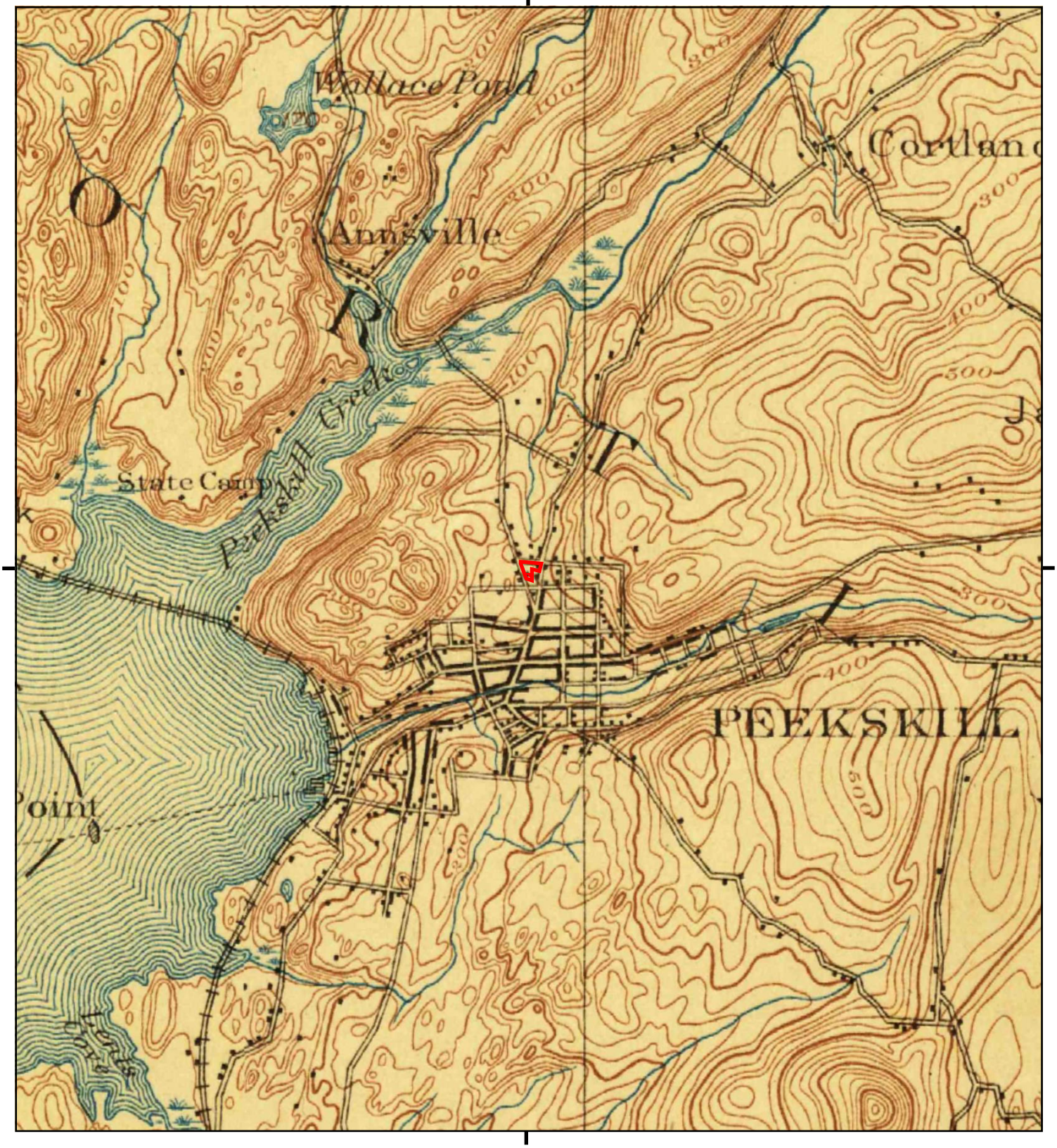
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, West Point, 1894, 15-minute

SITE NAME: 418 North Division Street
ADDRESS: 418 North Division Street
Peekskill, NY 10566
CLIENT: SESI Consulting Engineers

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, West Point, 1892, 15-minute

SITE NAME: 418 North Division Street
ADDRESS: 418 North Division Street
Peekskill, NY 10566
CLIENT: SESI Consulting Engineers

N

Appendix C:

User Questionnaire and Documents

Phase I Environmental Site Assessment Questionnaire
For ASTM E 1527-21

According to the American Society for Testing and Materials (ASTM) standard practice for environmental site assessments (Designation: E 1527-21) "All Appropriate Inquiry" (AAI) (40 CRF 312.20) standard, the client must provide the following information (if available) to the environmental consultant during a Phase I Environmental Site Assessment. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

Client/Responsible Party Information (person completing this questionnaire) :

Name: 418 North Division Street LLC Kathleen Bradshaw
Title: Attorney
Interest to Property: Owner
Ownership/Operational Duration: 4 months
Street Address: 418 N. Division St
City: Peekskill
State: NY
Phone: 914 879-5750

Property Owner/Tenant Site Information:

Company Name: 418 North Division Street LLC
Description of Operations: Real Estate Development
Ownership/Operational Duration: Ownership - 4 months
Street Address: 418 N. Division St
Township: West. County City of Peekskill
City: Peekskill
County/State: West.
Size of Property:
Block/Lot: 23.78-1-9, 23.78-1-10, 23.78-1-11, 23.78-1-12
Phone: 914 879-5750
Contact: Kathleen Bradshaw

I, Kathleen Bradshaw (FULL NAME), to the best of my knowledge, have truthfully provided the information herein.

SIGNATURE

3/26/2025
DATE

Identification of the site contact and how the contact can be reached (person who will conduct or conducted the site walk and/or will provide or provided access):

1. ENVIRONMENTAL CLEANUP LIENS/OTHER LIENS

a. Are there any environmental cleanup liens/and or other liens that are filed or recorded against the site in any applicable jurisdiction?

None - Known

2. ACTIVITY OR USE LIMITATIONS AND WETLANDS

A) Are you aware of any environmental restrictions/limitations to the use of the property? (i.e. Engineering or Institutional Controls)

NO

i) If yes, please explain.

ii) Can you provide any lien or deed restriction paperwork (ie. deed notice or environmental lien)?

Title report attached

B) Is any of the site to your knowledge used as a child-care facility or are plans in place to have a child-care facility on-site?

NO

C) Are there any wetlands or marshlands at the site to your knowledge?

NO

3. COMMONLY KNOW OR REASONABLE ASCERTAINABLE INFORMATION ABOUT THE PROPERTY

A) Do you have any knowledge of the past uses of the property?

yes

i) If so, please explain (dates or tenant contracts should be collected if available for any commercial or industrial uses).

White Plains Linen Factory - last owner

ii) Has the property ever been used for industrial purposes?

unknown other than above

4. ADJOINING PROPERTIES

A) Have any of the adjoining properties been used for Industrial purposes currently or in the past?

unknown

i) If yes, please provide compass direction and name (if known) of the property.

B) Have any of the adjoining properties been used as a gas station, dry cleaner or auto shop currently or in the past?

unknown

i) If yes, please provide compass direction and name (if known) of the property.

C) Have any of the adjoining properties been used for commercial purposes currently or in the past?

yes

i) If yes, please provide compass direction and name/ industry (if known) of the property.

Commercial use along Highland Avenue

D) Have any adjoining properties been used as a school currently or in the past?

unknown

i) If yes, please provide compass direction and name (if known) of the property.

E) Are any of the adjoining properties currently or in the future (to your knowledge) a child-care facility?

unknown

i) If yes, please provide compass direction and name (if known) of the property.

5. ENVIRONMENTAL SITE CONDITIONS

A) Are there any present environmental conditions at the site that may prove an obvious threat to the environment or human health?

NO

a. If yes can you provide the NAICS code for the industrial use?

B) Do you know of any Environmental Spills Incident Numbers or Notices of Violation? (i.e., tank removals/Unregulated Heating Oil Tank removals)?

None Known

i) If yes, please provide information or available paperwork (ie. former reports or incident numbers)

C) Do you know if the site has been subject to an environmental cleanup or received a Closure Approval (No Further Action) or other Environmental Outcome in the past?

None Known

D) Do you know of any underground storage tanks (USTs), aboveground storage tanks (ASTs) and/or septic tanks?

None Known

E) Do any buildings on the site have a basement or crawlspace?

Yes to Basement

F) Does the site use/have an incinerator, compactor, or dumpster? (This should include any cooking oil containers or other media.)

unknown

G) How is heating and cooling supplied to the site? Heat was supplied

a. If by oil, name of usual supplier: unknown

b. If by gas, name of utility company: unknown

c. If by electric, name of utility company: unknown

H) How is water supplied to the site?

a. Local municipal hookup? yes
   i. If so, name of provider:

b. Potable Well? No
   i. If so, well number/designation and location:

I) Is any portion of the site prone to flooding or has had a significant flood?

Not Known

B) Do you have any chemical storage areas?

unknown

C) Do you have any drum storage areas?

unknown

D) Do you have any USTs or ASTs not related to heating?

unknown

E) Do you have any of the following at or on the site:

a. On-site dry cleaning or washing machine facilities?

unknown — use prior to our ownership was a linen factory

b. Landfills or known fill areas?

unknown

c. Machinery or equipment that uses hazardous or petroleum compounds?

unknown

d. Dust collectors?

unknown

e. Spray booths?

unknown

f. Floor drains or sumps?

unknown

g. Other machinery or equipment?

unknown

7. ADDITIONAL PERTINENT INFORMATION

A) Please provide the reason why the Phase I is required (i.e., sale, purchase, transfer, due diligence, cessation of operation, off-site source of groundwater contamination).

Purchase of property

B) Please provide the complete and correct address or addresses for the property (any previous surveys maps or any change in tax lot and blocks that are proposed or not yet recorded at the local/county municipality or re- zoning plans):

survey attached

C) Any additional services or out-of-scope services you wish to be provided in addition to the standard set of services (mold assessment/asbestos assessment/geotechnical/ lead-based paint/indoor or sub-slab air sampling):

N/A

D) Please identify all parties to your knowledge who will rely on this ESA? (excluding regulatory agencies)

Owner

E) Please provide any former Phase I or Phase II reports, incident reports, state records, reports, current or former permits for the operation of machinery, tank registration documents, AIRS permits, or other environmental permits.

Appendix D:

Environmental Record Search Results and Information Requests

From: New York DEC FOIL Center
To: Annmarie Yannaco
Subject: FOIL Request :: W144414-031825
Date: Tuesday, March 18, 2025 9:57:41 AM

CAUTION !! This E-Mail originated from outside the organization. Confirm it is from a legitimate E-Mail address. If uncertain - do not click links or open attachments unless you contact the sender and know the content is safe.

Dear Annmarie:

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 3/18/2025 and given the reference number FOIL #W144414-031825 for tracking purposes. You may expect the Department's response to your request no later than **4/15/2025**.

Record Requested: **Site Address: 418 N Division Street and 407, 425, and 427 Highland Avenue, Peekskill, New York Site Parcels: 23.78-1-9, 23.78-1-10 (subdivided as 23.78-1-10A and 23.78-1-10B), 23.78-1-12, and 23.781-11 As part of a Phase I Environmental assessment, SESI requests the following: Documentation of storage tank operation, illegal dumping; hazardous material storage or use; documented release(s), spills or discharges of hazardous chemicals; site inspections, code violations; emergency responses, fires, and environmental reports associated with soil/groundwater investigative sampling.**

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

Click here to login to the FOIL Center.

New York State Department of Environmental Conservation, Record Access Office

---

Track the issue status and respond at:
https://link.edgepilot.com/s/af6458a7/DyGjC8HtOESV1I2jSw8CnA?u=https://newyorkdec.govqa.us/WEBAPP//_rs/RequestEdit.aspx?rid=144414

NYSDEC SPILL REPORT FORM

DEC REGION: 3 **SPILL NUMBER:** 1408577

SPILL NAME: WHITE PLAINS LINEN **DEC LEAD:** JBODEE

SPILL DATE: 11/20/2014 **SPILL TIME:** 10:15 am

CALL RECEIVED DATE: 11/20/2014 **RECEIVED TIME:** 10:33 am

SPILL LOCATION

PLACE: WHITE PLAINS LINEN **COUNTY:** Westchester

STREET: 427 HIGHLAND AVE **TOWN/CITY:** Peekskill (c)

COMMUNITY: PEEKSKILL

CONTACT: LEN LABONIA **CONTACT PHONE:** (914) 737-2532 205

CONT. FACTOR: Equipment Failure **SPILL REPORTED BY:** Other

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

"20 tons" - possibly soil recovery - cleanup pending - digging up tank

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#2 fuel oil	Petroleum			Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
WHITE PLAINS LINEN	427 HIGHLAND AVE PEEKSKILL NY	LEN LABONIA (914) 737-2532

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

11/20/14 - A 550 gal. UST has been removed. Additional soil removal is needed. PBS No. 3-800121. KAB
11-20, email from WCHD,"1408577 White Plains Linen, 427 highland Ave, Peekskill PBS- 3-800121.Elite removed a 1K fron the sidewalk. The excavation is backfilled, however they intend to return to excavate the soil,They are also digging looking fo an additional tank. (identified on a magnetic survey),Elite didn't realize it was a PBS site and back file for permits. (They also have an 8K AST).Chris- WC will follow up" RDB

5-4-17 Meeting with WCDOH, Permit on file with WC for removal of tank #5 (1K). Need followup on cleanup following remova GHP

1/20/22: I was contacted by Ray Hilyer from Elite. Current owner of this property contacted Elite asking why the spill is still open. Elite states a closure report was submitted to the WCDOH in January of 2015. Message sent to PBS for confirmation. Closure report will be scanned to DecDocs. jod

2/1/22 Email to County requesting FIR and any other pertinent information. jc

2/02/22: Chris Lalak from WCDOH confirms closure request was forwarded to DEC in 2017. Closure report from Elite and

NYSDEC SPILL REPORT FORM

DEC REGION: 3 **SPILL NUMBER:** 1408577

SPILL NAME: WHITE PLAINS LINEN **DEC LEAD:** JBODEE

current FIR scanned to DecDocs. NFA required. jod

PIN **T & A** **COST CENTER**

CLASS: B3 **CLOSE DATE:** 02/02/2022 **MEETS STANDARDS:** False

Facility: Highland Light Steam Laundry/White Plains Linen 411-427 Highland Avenue Peekskill, NY 10566 Operator: Robert Carlock Operator phone: (914) 755-5670 Emergency: Robert Carlock Emergency phone: (914) 755-5670	PBS no.: 3-800121 Reg. issued: 05/27/2014 Reg. expires: 06/04/2019 Last inspected: 02/27/2013 Vapor recovery ID: 3-800121 Last Stage II test: Next Stage II test due: Site Type: Manufacturer
Owner: Highland Light Steam Laundry 4 John Walsh Blvd Peekskill, NY 10566 Type of ownership: Corporation Phone: (914) 737-2532	Mail: Highland Light Steam Laundry 4 John Walsh Blvd Peekskill, NY 10566 Phone: (914) 737-2532 Email:

TankID	004	005	006
Tank Location	3. Aboveground on saddles,legs,stilts,racks or cradle	5. Underground	2. Aboveground (contact w/ impervious barrier)
Status	1. In-Service	1. In-Service	1. In-Service
Install	02/01/1978	04/01/1981	10/01/1968
Capacity	550	1000	8000
Product	1. No. 2 fuel oil	1. No. 2 fuel oil	1. No. 2 fuel oil
%			
Tank Type	1. Steel/Carbon steel/Iron	1. Steel/Carbon steel/Iron	1. Steel/Carbon steel/Iron
Tank Internal Protection	0. None	0. None	0. None
Tank External Protection	0. None	0. None	0. None
Tank Secondary Containment	0. None	0. None	0. None
Tank Leak Detection	6. Impervious Barrier/Concrete Pad (Aboveground Only)	0. None	0. None
Tank Overfill Prevention	5. Vent Whistle	5. Vent Whistle	5. Vent Whistle
Spill Prevention	0. None	0. None	0. None
Dispenser	2. Suction	2. Suction	2. Suction
Piping Location	1. Aboveground	3. Aboveground/Underground Combination	1. Aboveground
Piping Type	9. Copper	9. Copper	1. Steel/Carbon/ steel/iron
Piping External Protection	0. None	0. None	0. None
Piping Secondary Containment	0. None	0. None	0. None
Piping Leak Detection	0. None	0. None	0. None
Last Test	10/23/2007	03/14/2014	10/23/2007
Next Test Due	NTR	NTR	NTR
Closed			

TankID	003	002	
Tank Location	3. Aboveground on saddles,legs,stilts,racks or cradle	3. Aboveground on saddles,legs,stilts,racks or cradle	
Status	0. Administratively closed	0. Administratively closed	
Install	08/01/1989	08/01/1989	
Capacity	275	275	
Product	1. No. 2 fuel oil	1. No. 2 fuel oil	
%			
Tank Type	1. Steel/Carbon steel/Iron	1. Steel/Carbon steel/Iron	
Tank Internal Protection	0. None	0. None	
Tank External Protection	0. None	0. None	
Tank Secondary Containment	0. None	0. None	
Tank Leak Detection	6. Impervious Barrier/Concrete Pad (Aboveground Only)	6. Impervious Barrier/Concrete Pad (Aboveground Only)	
Tank Overfill Prevention	5. Vent Whistle	5. Vent Whistle	
Spill Prevention	0. None	0. None	
Dispenser	2. Suction	2. Suction	
Piping Location	1. Aboveground	1. Aboveground	
Piping Type	9. Copper	9. Copper	
Piping External Protection	0. None	0. None	
Piping Secondary Containment	0. None	0. None	
Piping Leak Detection	0. None	0. None	
Last Test	10/23/2007	10/23/2007	
Next Test Due	NTR	NTR	
Closed			

FACILITY INFORMATION REPORT **Page 1 of 2**

Facility: Highland Light Steam Laundry/White Plains Linen 411-427 Highland Avenue Peekskill, NY 10566 Operator: Robert Carlock Operator phone: (914) 755-5670 Emergency: Robert Carlock Emergency phone: (914) 755-5670	PBS no.: 3-800121 Reg. issued: 05/27/2014 Reg. expires: 06/04/2019 Last inspected: 07/18/2016 Vapor recovery ID: 3-800121 Last Stage II test: Next Stage II test due: Site Type: Manufacturer
Owner: Highland Light Steam Laundry 4 John Walsh Blvd Peekskill, NY 10566 Type of ownership: Corporation Phone: (914) 737-2532	Mail: Highland Light Steam Laundry 4 John Walsh Blvd Peekskill, NY 10566 Phone: (914) 737-2532 Email:

TankID	004	006	005
Tank Location	3. Aboveground on saddles,legs,stilts,racks or cradle	2. Aboveground (contact w/ impervious barrier)	5. Underground including vaulted with no access for inspection
Status	1. In-Service	1. In-Service	3. Closed - Removed
Install	02/01/1978	10/01/1968	04/01/1981
Capacity	550	8000	1000
Product	0001. #2 Fuel Oil	0001. #2 Fuel Oil	0001. #2 Fuel Oil
%			
Tank Type	1. Steel/Carbon steel/iron	1. Steel/Carbon steel/iron	1. Steel/Carbon steel/iron
Tank Internal Protection	0. None	0. None	0. None
Tank External Protection	0. None	0. None	0. None
Tank Secondary Containment	0. None	0. None	0. None
Tank Leak Detection	6. Impervious Barrier/Concrete Pad (Aboveground Only)	0. None	0. None
Tank Overfill Prevention	5. Vent Whistle	5. Vent Whistle	5. Vent Whistle
Pumping/Dispensing Method			
Spill Prevention	0. None	0. None	0. None
Dispenser	2. Suction	2. Suction	2. Suction
Piping Location	1. Aboveground	1. Aboveground	3. Aboveground/Underground Combination
Piping Type	10. Copper	1. Steel/Carbon/ steel/iron	10. Copper
Piping External Protection	0. None	0. None	0. None
Piping Secondary Containment	0. None	0. None	0. None
Piping Leak Detection	0. None	0. None	0. None
Last Test	10/23/2007	10/23/2007	03/14/2014
Next Test Due	*	*	*
Closed			10/20/2014

TankID	003	002	
Tank Location	3. Aboveground on saddles,legs,stilts,racks or cradle	3. Aboveground on saddles,legs,stilts,racks or cradle	
Status	0. Administratively closed	0. Administratively closed	
Install	08/01/1989	08/01/1989	
Capacity	275	275	
Product	0001. #2 Fuel Oil	0001. #2 Fuel Oil	
%			
Tank Type	1. Steel/Carbon steel/Iron	1. Steel/Carbon steel/Iron	
Tank Internal Protection	0. None	0. None	
Tank External Protection	0. None	0. None	
Tank Secondary Containment	0. None	0. None	
Tank Leak Detection	6. Impervious Barrier/Concrete Pad (Aboveground Only)	6. Impervious Barrier/Concrete Pad (Aboveground Only)	
Tank Overfill Prevention	5. Vent Whistle	5. Vent Whistle	
Pumping/Dispensing Method			
Spill Prevention	0. None	0. None	
Dispenser	2. Suction	2. Suction	
Piping Location	1. Aboveground	1. Aboveground	
Piping Type	10. Copper	10. Copper	
Piping External Protection	0. None	0. None	
Piping Secondary Containment	0. None	0. None	
Piping Leak Detection	0. None	0. None	
Last Test	10/23/2007	10/23/2007	
Next Test Due	*	*	
Closed			

*Please refer to tank testing protocol at health.westchestergov.com/petroleum-bulk-storage

Westchester gov.com

Robert P. Astorino
County Executive

Westchester County Department of Health
Office of Environmental Health Risk Control
145 Huguenot Street
New Rochelle, NY 10801
914-813-5161
24-hour emergency number: 914-813-5000

PETROLEUM BULK STORAGE REGISTRATION CERTIFICATE

Site: Highland Light Steam Laundry/White Plains Linen 411-427 Highland Avenue Peekskill, NY 10566 ***Operator:*** Robert Carlock - (914) 755-5670 ***Emergency Contact:*** Robert Carlock (914) 755-5670	***PBS ID:*** *3-800121* ***Owner:*** Highland Light Steam Laundry 4 John Walsh Blvd Peekskill, NY 10566 ***Issued by:*** Sherlita Amler, M.D. Commissioner of Health	***Issue Date:*** 05/27/2014 ***Expiration Date:*** 06/04/2019

As an authorized representative of the above-named facility, I affirm under penalty of perjury that the information displayed on this form is correct to the best of my knowledge. I recognize that I am responsible for assuring that this facility is in compliance with all sections of Article XXV and XXVI of the Westchester County Sanitary Code.

- The facility must be re-registered upon a transfer of ownership.
- The Department must be notified within 15 days prior to adding, replacing, reconditioning or permanently closing a stationary tank.
- THIS CERTIFICATE MUST BE POSTED ON THE PREMISES AT ALL TIMES. Posting must be at the tank, at the entrance of the facility or at the main office where the storage tanks are located.
- Any person with knowledge of a spill, leak or discharge must report the incident immediately to the Westchester County Department of Health at 914-813-5000 and to the New York State Department of Environmental Conservation at 800-457-7362.

Tank ID	Date Installed	Tank Location	Product	Capacity (gallons)	Last Tested	Next Test Due
004	02/1978	Aboveground on saddles,legs,stilts,racks or cradle	#2 Fuel Oil	550	10/2007	*
006	10/1968	Aboveground (contact w/ impervious barrier)	#2 Fuel Oil	8000	10/2007	*

Mailing Address: Robert Carlock Highland Light Steam Laundry 4 John Walsh Blvd Peekskill NY 10566	*Name of Authorized Representative Owner (print)*	
	Signature of Authorized Representative Owner	
	Title	*Date*

*Please refer to tank testing protocol at health.westchestergov.com/petroleum-bulk-storage

THIS CERTIFICATE IS NON-TRANSFERABLE

ELITE ENVIRONMENTAL SERVICES, INC.

Closure Report

NYSDEC Spill Number:	**1408577**
PBS Number:	**3-800121**
Property Location:	**427 Highland Avenue** **Peekskill, NY 10566**
Prepared For:	**White Plains Linen** **Bruce Botchman** **427 Highland Avenue** **Peekskill, NY 10566**
	City of Peekskill **Building Department** **840 Main Street** **Peekskill, New York 10566**
	ATTN: Chris Lalak **Westchester County Department of Health** **Office of Environmental Risk Control** **145 Huguenot Street** **New Rochelle, New York 10801**
Date:	**January 5, 2015**

14 Morrissey Drive
Putnam Valley, New York 10579
1.845.528.0370

ELITE ENVIRONMENTAL
& TANK TESTING
SERVICES

14 Morrissey Drive
Putnam Valley, NY 10579
Tel: 845-528-0370

"WHERE PERFECTION RUNS DEEP"

427 Highland Avenue
Peekskill, NY 10566

NYSDEC Spill Number: 1408577
PBS Number: 3-800121

REPORT PREPARED AND PRESENTED BY:

Paula Hilyer
Administrator
Report Preparation

Paula Hilyer 5/2/17
Signature and Date

Raymond Hilyer
Project Supervisor
Report Review

Signature and Date

TABLE OF CONTENTS

EXECUTIVE SUMMARY	1
1.0 INTRODUCTION	2
2.0 BACKGROUND	2
3.0 SUMMARY OF ACTIVITIES	2
3.1 Underground Storage Tank Excavation	2
3.2 Post-Excavation Soil Sampling	3
3.3 Post-Excavation Soil Sample Laboratory Analytical Results	4
4.0 CONCLUSIONS AND RECOMMENDATIONS	5
5.0 DISCLAIMER	6

APPENDIX A	General Location Map
APPENDIX B	Liquid Disposal Manifest
APPENDIX C	Tank Recycling Receipt
APPENDIX D	Site Diagram
APPENDIX E	Tank Bottom Soil Sample Laboratory Analytical Results
APPENDIX F	Hazardous Waste Manifest
APPENDIX G	Post-Excavation Soil Sample Laboratory Analytical Results

Executive Summary

On behalf of Mr. Bruce Botchman, Elite Environmental Services, Inc. ("Elite") directed the tank removal activities at 427 Highland Avenue in Peekskill, New York ("site property"). See Appendix A for General Location Map. This work was performed to investigate and remediate New York State Department of Environmental Conservation ("NYSDEC") Spill # 1408577 that was reported at the site property on November 20, 2014, during an underground oil storage tank removal.

OBJECTIVE:

Elite's objective was to i.) properly remove and dispose of the underground storage tank; ii.) determine the extent, if any, of petroleum impacted soils, resultant from the underground storage tank; iii.) once defined, remove and dispose of contaminated soils in excess of *New York* State Department of Conservation ("NYSDEC") *Spill Technology and Remediation Series (STARS) Memo # 1: Petroleum-Contaminated Soil Guidance Policy and/or Division Technical and Administrative Guidance Memorandum (TAGM): Determination of Soil Cleanup Objective and Cleanup Levels,* and; iv.) provide project management to ensure that investigative remediation is performed consistent with NYSDEC requirements.

FINDINGS:

Based on our field screening observations and post-excavation laboratory analytical results, Elite concludes that all accessible petroleum-contaminated soils were removed and properly disposed of at a soil recycling facility.

RECOMMENDATIONS:

Elite recommends spill # 1408577 be closed and removed from the NYSDEC list of active petroleum spills, as the site conditions present no threat to human health or the environment. This report presents a summary of all field activities conducted as part of the investigation and includes laboratory analytical.

1.0 INTRODUCTION

Elite performed a tank removal and limited site assessment activities at 427 Highland Avenue in Peekskill, New York. The objective was to i.) determine the extent, if any, of petroleum impacted soils, resultant from the underground storage tank; ii.) once defined, remove and dispose of contaminated soils in excess of New York State Department of Conservation ("NYSDEC") Spill Technology and Remediation Series (STARS) Memo # 1: Petroleum-Contaminated Soil Guidance Policy and/or Division Technical and Administrative Memorandum (TAGM): Determination of Soil Cleanup Objective and Cleanup Levels, and: iii.) provide project management to ensure that investigative remediation is performed consistent with NYSDEC requirements.

2.0 BACKGROUND

A spill was reported to the NYSDEC on November 20, 2014, when Elite was at the above-mentioned property to remove a 1000 gallon Underground Storage Tank ("UST"). Upon inspection of the UST, pitting and one large hole approximately ¾" in diameter were observed. Contaminated soil below the tank was also observed.

3.0 SUMMARY OF ACTIVITIES

3.1 Underground Storage Tank Excavation

On November 20, 2014, Elite Environmental Services, Inc. ("Elite") representatives were on-site to perform and direct the removal of a 1000 gallon underground storage tank on the site property. Elite was on-site to perform the excavation and remove the tank for transportation and proper disposal. The tank was uncovered, and an opening was cut in the tank in order to remove all remaining liquids in the tank. Enviro Waste Oil Recovery, LLC was on-site to remove the liquids via environmental vacuum truck. The tank was found empty. **See Appendix B** for Liquid Disposal Manifest. An excavator was used to remove the soil surrounding the tank and the tank was removed from the ground and placed on the floor adjacent to the excavation for inspection. The tank was properly removed from the site property by Elite and brought to Brookfield Scrap Metals, Inc. for recycling. **See Appendix C** for Tank Recycling Receipt. The property was surveyed for additional underground storage tanks and none were found.

3.2 Post-Excavation Soil Sampling

Elite field personnel collected post-excavation soil samples to determine the extent, if any, of contamination in the site excavation. Samples were collected with disposable trowels to preclude any cross-contamination. Field personnel collected samples with sterile gloves, which were discarded following each collection. The samples were field screened using a Mini Rae Photo Ionization Detector to provide a direct reading of the concentration of volatile organic vapors in the sample reported in ppm.

Trace gas analysis of soil in the field were performed as a gross assessment of potential contamination with a portable Mini Rae 2000 Photoionization Detector ("PID"). The PID provides a direct reading of the concentration of volatile organic gases in the sample in ppm. Immediately following collection, each sample was transferred to a glass container. The open container was sealed with clear plastic wrap and agitated to break apart the soil and distribute gases. The probe of PID was inserted through the plastic into the confined headspace of the jar and readings were recorded and compared to ambient background levels. This field screening method provides a relative concentration of VOCs that is useful for a quick comparison of samples. A higher needle deflection or ppm reading on the instrument indicates a higher concentration of VOCs.

A total of five soil samples were collected, one from each wall and the center floor of the excavation, (N, S, E, W, and CF) on November 20, 2014. **See Appendix D** for Site Diagram. These samples were field screened and contamination was observed in the excavation.

A sample was properly extracted from the excavation, labeled and submitted to a New York State Department of Health certified laboratory (#10854) for analysis by the following method: i.) USEPA Method 8015B for the detection of Diesel range Organics, as requested by the soil recycling facility. The sample analytical results were 667 ppm. **See Appendix E** for a complete listing of the Tank Bottom Soil sample Analytical Results.

Due to precipitation accumulation in the open excavation and visible oil sheen, Groundwater was properly removed and transported to a recycling facility for disposal. On December 17, 2014, Enviro Waste Oil Recovery, LLC was on-site to remove 1300 gallons of oily water via environmental vacuum truck. **See Appendix B** for Liquid Disposal Manifests. Contaminated soil was properly transported off the site property on December 16 and December 17, 2014. Approximately 37.71 tons of contaminated soil were properly transported and disposed at Deep Green of New York, Inc. **See Appendix F** for Hazardous Waste Manifest. Following the removal of contaminated soil from underneath and surrounding the removed UST, the excavation was backfilled and raked to grade.

3.3 Post-Excavation Soil Sample Laboratory Analytical Results

Five soil samples, one from each wall of the excavation and one from the bottom of the excavation were properly collected, labeled and submitted to a New York State Department of Health certified laboratory (#10854) for analysis by the following method: i.) USEPA Method 8260 for the detection of volatile organic compounds (VOCs); and ii.) USEPA Method 8270 for the detection of semi-volatile organic compounds (SVOSs). **See Appendix G** for a complete listing of Post-Excavation Soil Sample Laboratory Analytical Results. The following table lists the analytical results and compares them to the TAGM Recommended Cleanup Objectives. Please note that only those compounds detected are listed below.

EPA Method	Sample Location	Sample Label	Sample Depth	Analyte	Results (ppb)	NYSDEC Tagm Value (ppb)
8260	Excavation Bottom	Excavation wall	12 - 13 feet	All	ND	60 – 13,000
8270	Excavation Bottom	Excavation wall	12 - 13 feet	Benzo(a)anthracene	120	1,000
				Benzo(a)pyrene	120	1,000
				Benzo(b)fluoranthene	99	1,000
				Benzo(g,h,i)perylene	81	100,000
				Benzo(k)fluoranthene	140	800
				Chrysene	140	1,000
				Dibenzo(a,h)anthracene	47	330
				Fluoranthene	210	100,000
				Indeno(1,2,3-cd)pyrene	84	500
				Phenanthrene	85	100,000
				Pyrene	190	100,000
8260	North Wall	North wall	7-8 feet	All	ND	60-13,000
8270	North Wall	North wall	7-8 feet	Benzo(a)anthracene	51	1,000
				Benzo(a)pyrene	65	1,000
				Benzo(b)fluoranthene	73	1,000
				Benzo(g,h,i)perylene	46	100,000
				Benzo(k)fluoranthene	58	800
				Chrysene	74	1,000
				Fluoranthene	130	100,000
				Indeno(1,2,3-cd)pyrene	43	500
				Phenanthrene	43	100,000
				Pyrene	87	100,000
8260	South Wall	South wall	10-11 feet	All	ND	60-13,000
8270	South Wall	South wall	10-11 feet	Benzo(a)anthracene	48	1,000
				Benzo(a)pyrene	75	1,000
				Benzo(b)fluoranthene	68	1,000
				Benzo(g,h,i)perylene	60	100,000
				Benzo(k)fluoranthene	62	800
				Chrysene	72	1,000
				Fluoranthene	110	100,000
				Indeno(1,2,3-cd)pyrene	50	500
				Phenanthrene	40	100,000
				Pyrene	91	100,000

EPA Method	Sample Location	Sample Label	Sample Depth	Analyte	Results (ppb)	NYSDEC Tagm Value (ppb)
8260	East Wall	East wall foundation	7-8 feet	Naphthalene	6.2	12,000
8270	East Wall	East wall foundation	7-8 feet	Anthracene	250	100,000
				Benzo(a)anthracene	950	1,000
				Benzo(a)pyrene	630	1,000
				Benzo(b)fluoranthene	580	1,000
				Benzo(g,h,i)perylene	290	100,000
				Benzo(k)fluoranthene	660	800
				Chrysene	1,000	1,000
				Dibenzo(a,h)anthracene	180	330
				Fluoranthene	2,300	100,000
				Indeno(1,2,3-cd)pyrene	290	500
				Phenanthrene	1,500	100,000
				Pyrene	1,600	100,000
8260	West Wall	West wall	9-10 feet	Naphthalene	5.8	12,000
8270	West Wall	West wall	9-10 feet	Acenaphthene	2,000	20,000
				Anthracene	4,100	100,000
				Benzo(a)anthracene	**5,300**	1,000
				Benzo(a)pyrene	**1,400**	1,000
				Benzo(b)fluoranthene	**2,000**	1,000
				Benzo(g,h,i)perylene	750	100,000
				Benzo(k)fluoranthene	**2,200**	800
				Chrysene	**4,100**	1,000
				Dibenzo(a,h)anthracene	**440**	330
				Fluoranthene	9,600	100,000
				Fluorene	2,000	30,000
				Indeno(1,2,3-cd)pyrene	**800**	500
				Naphthalene	460	12,000
				Phenanthrene	9100	100,000
				Pyrene	8800	100,000

ND-Non Detect **Bold**-indicates levels above NYSDEC standards NA – Not Available

No volatile organic compounds exceeding the NYSDEC TAGM values were detected in any of the post-excavation soil samples collected from the excavation. Semi-volatile compounds were found exceeding the NYSDEC TAGM values from the west wall. All accessible contaminated soil was removed, due to the location of the excavation, adjacent to the street and underground utilities,

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the post-excavation laboratory analytical results, and our field screening observations, Elite concludes that all accessible petroleum-contaminated soils due to the leaking tank system were removed from the site property and properly transported and disposed. Elite recommends that spill # 1408577 be closed and removed from the NYSDEC list of active petroleum spills, as site conditions present no threat to human health or the environment.

5.0 DISCLAIMER

The environmental consultant that reviewed and/or performed the investigation located at 427 Highland Avenue in Peekskill, New York, is a professional with education and training in the environmental field. This report, compiled by Elite Environmental, Inc. conforms to commonly recognized protocols within the environmental consulting field. Our reports are limited to availability of observations and soil samples collected on the date of the tank excavation. Elite cannot guarantee that the entire site or parts thereof are completely free of contaminants.

APPENDIX A

General Location Map

APPENDIX B

Liquid Disposal Manifest

ENVIRO WASTE OIL RECOVERY, LLC
279 Route 6 • P.O. Box 747
Mahopac, NY 10541
Ph: (845) 279-0263
Fax: (845) 621-3075

Enviro Waste
Oil Recovery Specialists
1-866-WASTE-OIL

Sales Order Number: 258695
Sales Order Date: 12/17/14
Page: VOIDED

SOLD TO:
ELITE ENVIRONMETAL
14 MORRISSEY DR
PUTNAM VALLEY, NY 10579

SHIP TO:
ELITE ENVIRO- JOB SITE
427 HIGHLAND AVENUE
PEEKSKILL, NY 10566

CUSTOMER ID	PO NUMBER	SALES REP NAME
2215-553	OC	AD
CUSTOMER CONTACT	**SHIPPING METHOD**	**PAYMENT TERMS**
845-528-0370		NET 10

DESIGNATED FACILITY ENVIRO WASTE OIL RECOVERY
STATE ID NO
ADDRESS 279 RT 6, MAHOPAC, NY 10541
USA EPA ID NO NYD044825636

QUANTITY	ITEM	DESCRIPTION	UNIT COST	TOTAL
1300	700	OILY WATER DISPOSAL		
	721	USEDOIL DISPOSAL-OFF/SPEC		
	742	SLUDGE DISPOSAL/TANK BOTT		
1	746	VAC SERVICE		
8.00 12.30	748	VAC TRUCK HOURLY RATE		
		VAC OUT 1000G WATER 12/17 @ 8:30AM		
			Subtotal	
			Sales Tax (0.00%)	
			Total	

A/F_____ W/W_____ FILTERS_____ W/O_____ W/A/F_____

CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT SECTION. INVOICES REFLECTING CHARGES ARE SUBJECT TO AN INTEREST RATE OF THE LESSER OR 1-1/2% PER MONTH (18% PER ANNUM) OR THE MAXIMUM RATE ALLOWED BY LAW ON ANY INVOICES THAT ARE NOT PAID WITHIN 30 DAYS. IN THE EVENT OF DEFAULT, ENVIRO WASTE SHALL BE ENTITLED TO RECOVER COSTS OF COLLECTION, INCLUDING REASONABLE ATTORNEY'S FEES. INITIAL: _____

USEPA TRANSPORTER 1 ID NO	GENERATOR USEPA ID NO	GENERATOR STATE ID NO	EMERGENCIES: (866) 927-8364	$
NYD044825636				

US DOT DESCRIPTION	CONTAINERS NO	CONTAINERS TYPE	TOTAL QUANTITY	UNIT WT/VOL
USED OIL, NON REGULATED, (NOT US D.O.T. HAZARDOUS MATERIAL)				
PETROLEUM CONTAMINATED WATER, NON D.O.T., NON R.C.R.A.				
PETROLEUM CONTAMINATED SLUDGE, NON D.O.T., NON R.C.R.A.				

GENERATOR WARRANTS AND REPRESENTS THAT THE MATERIALS PROVIDED ENVIRO WASTE HEREUNDER HAVE NOT BEEN MIXED, COMBINED, OR OTHERWISE BLENDED IN ANY QUANTITY WITH MATERIALS CONTAINING POLYCHLORINATED BIPHENYLS (PCB) OR ANY OTHER MATERIAL DEFINED AS HAZARDOUS WASTE UNDER APPLICABLE LAWS, INCLUDING BUT NOT LIMITED TO 40 CFR PART 261. GENERATOR AGREES TO INDEMNIFY AND HOLD ENVIRO WASTE HARMLESS FOR ANY DAMAGES, COSTS, ATTORNEY'S FEES, ETC. ARISING OUT OF OR IN ANY WAY RELATED TO A BREACH OF THE ABOVE WARRANTY BY THE GENERATOR.

ENVIRO WASTE, ITS AGENTS AND CONTRACTORS HAVE THE CAPACITY AND ARE AUTHORIZED AND PERMITTED IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS, TO TRANSPORT, ACCEPT, STORE, RECLAIM OR AND/OR DISPOSE OF THE WASTE LISTED ON THIS DOCUMENT.

GENERATOR CERTIFIES THAT THE WASTE IS: ☐ USED OIL ☐ USED ANTI-FREEZE ☐ OILY WATER ☐ OTHER _____

PRINT NAME Nick Bernard TITLE

SIGNATURE DATE

GENERATOR/CUSTOMER

DEXSIL CDT TEST RESULTS
PPM 4000

I CERTIFY THAT MY TOTAL WASTE STREAMS ARE WITHIN ONE OF THE FOLLOWING CATEGORIES:

0 TO 220 LBS/MONTH
INITIALS

220 LBS TO 2,200 LBS/MONTH
INITIALS

GREATER THAN 2,200 LBS/MONTH
INITIALS

ENVIRO WASTE OIL RECOVERY, LLC
279 Route 6 • P.O. Box 747
Mahopac, NY 10541
Ph: (845) 279-0263
Fax: (845) 621-3075

Enviro Waste
Oil Recovery Specialists
1-866-WASTE-OIL

Sales Order Number: 256313
Sales Order Date: 11/20/14
Page: VCTHR

SOLD TO:
ELITE ENVIRONMETAL
14 MORRISSEY DR
PUTNAM VALLEY, NY 10579

SHIP TO:
ELITE ENVIRO- JOB SITE
427 HIGHLAND AVENUE
PEEKSKILL, NY 10566

CUSTOMER ID	PO NUMBER	SALES REP NAME
2215-553	OC	
CUSTOMER CONTACT	**SHIPPING METHOD**	**PAYMENT TERMS**
845-528-0370		NET 10

DESIGNATED FACILITY ENVIRO WASTE OIL RECOVERY — STATE ID NO _____
ADDRESS 279 RT 6, MAHOPAC, NY 10541 — USA EPA ID NO NYD044825636

QUANTITY	ITEM	DESCRIPTION	UNIT COST	TOTAL
	700	OILY WATER DISPOSAL		
	721	USED OIL DISPOSAL-OFF/SPEC		
	742	SLUDGE DISPOSAL/TANK BOTT		
	746	VAC SERVICE		
	749	VAC TRUCK HOURLY RATE		
10.00		VAC OUT THRS 11/20 @ 11AM		
10.05		Nothing in Tank		
			Subtotal	
			Sales Tax (0.00%)	
			Total	

A/F _____ W/W _____ FILTERS _____ W/O _____ W/A/F _____

CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT SECTION. INVOICES REFLECTING CHARGES ARE SUBJECT TO AN INTEREST RATE OF THE LESSER OR 1-1/2% PER MONTH (18% PER ANNUM) OR THE MAXIMUM RATE ALLOWED BY LAW ON ANY INVOICES THAT ARE NOT PAID WITHIN 30 DAYS. IN THE EVENT OF DEFAULT, ENVIRO WASTE SHALL BE ENTITLED TO RECOVER COSTS OF COLLECTION, INCLUDING REASONABLE ATTORNEY'S FEES. INITIAL: _____

USEPA TRANSPORTER 1 ID NO	GENERATOR USEPA ID NO	GENERATOR STATE ID NO	EMERGENCIES: (866) 927-8364	$
NYD044825636				

US DOT DESCRIPTION	CONTAINERS NO.	CONTAINERS TYPE	TOTAL QUANTITY	UNIT WEIGHT
USED OIL, NON-REGULATED, (NOT U.S.D.O.T. HAZARDOUS MATERIAL)				
PETROLEUM CONTAMINATED WATER, NON D.O.T., NON R.C.R.A.				
PETROLEUM CONTAMINATED SLUDGE, NON D.O.T., NON R.C.R.A.				

GENERATOR WARRANTS AND REPRESENTS THAT THE MATERIALS PROVIDED ENVIRO WASTE HEREUNDER HAVE NOT BEEN MIXED, COMBINED, OR OTHERWISE BLENDED IN ANY QUANTITY WITH MATERIALS CONTAINING POLYCHLORINATED BIPHENYLS (PCB) OR ANY OTHER MATERIAL DEFINED AS HAZARDOUS WASTE UNDER APPLICABLE LAWS, INCLUDING BUT NOT LIMITED TO 40 CFR PART 261. GENERATOR AGREES TO INDEMNIFY AND HOLD ENVIRO WASTE HARMLESS FOR ANY DAMAGES, COSTS, ATTORNEY'S FEES, ETC. ARISING OUT OF OR IN ANY WAY RELATED TO A BREACH OF THE ABOVE WARRANTY BY THE GENERATOR.

ENVIRO WASTE, ITS AGENTS AND CONTRACTORS HAVE THE CAPACITY AND ARE AUTHORIZED AND PERMITTED IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS, TO TRANSPORT, ACCEPT, STORE, RECLAIM OR AND/OR DISPOSE OF THE WASTE LISTED ON THIS DOCUMENT.

GENERATOR CERTIFIES THAT THE WASTE IS: ☐ USED OIL ☐ USED ANTI-FREEZE ☐ OILY WATER ☐ OTHER _____

I CERTIFY THAT MY TOTAL WASTE STREAMS ARE WITHIN ONE OF THE FOLLOWING CATEGORIES:

0 TO 220 LBS/MONTH _____ INITIALS

220 LBS TO 2,200 LBS/MONTH _____ INITIALS

GREATER THAN 2,200 LBS/MONTH _____ INITIALS

Nick Bianco — Driver
PRINT NAME — TITLE

SIGNATURE — DATE
GENERATOR/CUSTOMER

DEXSIL CDT TEST RESULTS
PPM _____

APPENDIX C

Tank Recycling Receipt

PAYMENT RECEIPT

Brookfield - Montrose Operations
2105 Albany Post Road//8AM TO 4PM M-F
Montrose, NY 10548
914-930-1626

Receipt: 0179112 **Date:** 12/17/2014
Customer: 29514 **Time:** 12:19

ELITE ENVIRONMENTAL & TANK
RAY HILYER
14 MORRISSEY AVE
, NY 10599

Ticket: 181531 **Weigh In:** 12/17/2014 12:16
Operator: 911 **Weigh Out:** 12/17/2014 12:19

All weights in pounds. M indicates manual weight

Commodity	Gross	Tare	Net	Price	TOTAL $
# 1 Unprepared	18320 M	17320M	1000	5.150/CW	$51.50

Ticket Total **$51.50**

# of Tickets: 1

Paid by CASH

Total Paid **$52.00**

NOT RESPONSIBLE FOR TIRES & VEHICLE DAMAGE

Let Us Know How We're Doing
(info@brookfieldco.com)

APPENDIX D

Site Diagram

TO BE KEPT ON THE WORK

CITY OF PEEKSKILL
DEPARTMENT OF PUBLIC WORKS
BUILDING DEPT.
Municipal Building, Peekskill, N.Y.

12450

PERMIT

"TANK"

Fee 200.00
CK# 6535

Permission is hereby granted To Remove (1) 550 GAL U.ST

Location IN CITY SIDEWALK NEAR THE SOUTH WEST CORNER OF BLDG.

Owner WHITE PLAINS LINEN Address 6 JOHN WALSH BLVD. PEEKSKILL

Contractor ELITE ENVIRONMENTAL Address 14 MORRISSEY DR. PUTNAM VALLEY N

Dimensions (overall) 550 GAL Materials STEEL

Foundations { Thickness below grade ..... Materials below grade .....
Thickness above grade ..... Materials above grade .....

Footings: Dimensions ..... Depth below grade ..... ft. ..... in.

Thickness of { Outside Walls 1st 2nd 3rd 4th 5th 6th
Division Walls

Stories High ..... Distance from Street line .....

Kind of Roof ..... Material of Roof .....

Size of joists 1st 2nd 3rd 4th 5th 6th

Special Conditions PERMIT ISSUED AS PER NOTES ON PLAN BY BLDG DEPT

Date of issue NOV 5 20 14 Expiration date NOV 5 20 15

PLEASE CALL 734-4143 FOR INSPECTION APPOINTMENT.

Director of Public Works

This permit is granted upon the express condition that every person acting under same shall conform to the representations of the application thereof as well as all Building, Zoning and other Ordinances of the City of Peekskill and Statutes of this State. This permit must be kept on the work to which it applies at all times during working hours, and may be revoked at any time for a breach of its conditions.

Westchester gov.com

Robert P. Astorino
County Executive

Westchester County Department of Health
Office of Environmental Health Risk Control
145 Huguenot Street
New Rochelle, NY 10801
Telephone: 914-813-5161
24-hour Emergency Phone: 914-813-5161

PETROLEUM BULK STORAGE
WORK PERMIT

In accordance with Articles XXV and XXVI of the Westchester County Sanitary Code, this work permit grants permission to modify the referenced Petroleum Bulk Storage facility in the manner listed below.

FACILITY	**CONTRACTOR** (responsible for PBS compliance and environmental assessment)
PBS No. 3-800121 HIGHLAND LIGHT STEAM LAUNDRY/WHITE PLAINS LINEN 411-427 Highland Avenue Peekskill, NY 10566 Contact: Lenn Labonia Telephone: (914) 804-4753	Elite Environmental Services 14 Morrissey Drive PUTNAM VALLEY, NY 10579 Contact: Lisa Telephone: (845) 528-0370

WORK TO BE PERFORMED

Type of Work	Tank ID	Capacity	Product
Remove tank	005	1000	1. No. 2 fuel oil

1. THAT this permit is valid for 90 days from issue date.

2. THAT the petroleum bulk storage tank(s) and/or piping shall be installed in accordance with Chapter 873, Articles XXV and XXVI, respectively, of the Laws of Westchester County NY.

3. THAT the facility owner and contractor shall be responsible for the proper installation of the petroleum bulk storage tank(s) and/or piping in accordance with Chapter 873, Articles XXV and XXVI, respectively, of the Laws of Westchester County NY.

4. THAT any changes or modifications to the Petroleum Bulk Storage Work Permit requires filing an application and obtaining a revised work permit for review and approval.

5. THAT upon installation of the petroleum bulk storage tank(s) and/or piping, the tank(s) shall remain out of service until such time as a tank testing report(s) satisfactory to this department is received, and an "as built" plan prepared by professional engineer or registered architect in the State of New York is filed with the department which certifies that installation complies with Chapter 873, Articles XXV and XXVI, respectively, of the Laws of Westchester County NY.

Issued by:	Westchester County Department of Health Sherlita Amler, M.D. Commissioner of Health	Issue Date 12/02/2014	Expiration Date 02/02/2015

Westchestergov.com

Robert P. Astorino
County Executive

Westchester County Department of Health
Office of Environmental Health Risk Control
145 Hugenot Street
New Rochelle, NY 10801
Telephone: 914 813-5161
24-hour Emergency Phone: 914 813-5000

PETROLEUM BULK STORAGE
WORK PERMIT

In accordance with Articles XXV and XXVI of the Westchester County Sanitary Code, this work permit grants permission to modify the referenced Petroleum Bulk Storage facility in the manner listed below.

FACILITY	CONTRACTOR (responsible for PBS compliance and environmental assessment)
PBS No. 3-800121 HIGHLAND LIGHT STEAM LAUNDRY/WHITE PLAINS LINEN 411-427 Highland Avenue Peekskill, NY 10566 Contact: Lenn Labonia Telephone: (914) 804-4753	Elite Environmental Services 14 Morrissey Drive PUTNAM VALLEY, NY 10579 Contact: Lisa Telephone: (845) 528-0370

WORK TO BE PERFORMED

Type of Work	Tank ID	Capacity	Product
Remove tank	005	1000	1. No. 2 fuel oil

1. THAT this permit is valid for 90 days from issue date.

2. THAT the petroleum bulk storage tank(s) and/or piping shall be installed in accordance with Chapter 873, Articles XXV and XXVI, respectively, of the Laws of Westchester County NY.

3. THAT the facility owner and contractor shall be responsible for the proper installation of the petroleum bulk storage tank(s) and or piping in accordance with Chapter 873, Articles XXV and XXVI, respectively, of the Laws of Westchester County NY.

4. THAT any changes or modifications to the Petroleum Bulk Storage Work Permit requires filing an application and obtaining a revised work permit before such work.

5. THAT upon installation of the petroleum bulk storage tank(s) and/or piping, the tank(s) shall remain out of service until such time as a tank tightness test certification by the tank owner is received, and an "as built" plan prepared by professional engineer or registered architect in the State of New York is filed with the department which shows that the installation complies with Chapter 873, Articles XXV and XXVI, respectively, of the Laws of Westchester County NY.

Issued by:	Westchester County Department of Health Sherlita Amler, M.D. Commissioner of Health	Issue Date	Expiration Date
		12/02/2014	02/02/2015

APPENDIX E

Tank Bottom Soil Sample
Laboratory Analytical Results

Technical Report

prepared for:

Elite Environmental Inc.
14 Morrissey Drive
Putnam Valley NY, 10579
Attention: Willie Silsdorf

Report Date: 11/24/2014
Client Project ID: 427 Highland Ave
York Project (SDG) No.: 14K0768

CT Cert. No. PH-0223 | New Jersey Cert. No. CT-003 | New York Cert. No. 10854 | PA Cert. No. 68-04130

120 RESEARCH DRIVE | STRATFORD, CT 06615 | (203) 325-1371 | FAX: (203) 357-0166

Report Date: 11/24/2014
Client Project ID: 427 Highland Ave
York Project (SDG) No.: 14K0768

Elite Environmental Inc.
14 Morrissey Drive
Putnam Valley NY, 10579
Attention: Willie Silsdorf

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 21, 2014 and listed below. The project was identified as your project: **427 Highland Ave**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14K0768-01	Tank Bottom	Soil	11/20/2014	11/21/2014

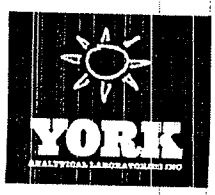
General Notes for York Project (SDG) No.: 14K0768

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted meet method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Benjamin Gulizia
Laboratory Director

Date: 11/24/2014



Sample Information

Client Sample ID: Tank Bottom

York Sample ID: 14K0768-01

York Project (SDG) No	Client Project ID	Matrix	Collection Date/Time	Date Received
14K0768	427 Highland Ave	Soil	November 20, 2014 3:00 pm	11/21/2014

Volatile Organics, 8260 Halogenated List

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
108-86-	Bromobenzene	ND		ug/kg dry	680	400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
74-97-5	Bromochloromethane	ND		ug/kg dry	680	400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
75-27-4	Bromodichloromethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
75-25-2	Bromoform	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
74-83-9	Bromomethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
108-90-7	Chlorobenzene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
75-00-3	Chloroethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
67-66-3	Chloroform	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
74-87-3	Chloromethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
124-48-1	Dibromochloromethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
74-95-3	Dibromomethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:2	11/24/2014 [illegible]	NS

Sample Information

Client Sample ID: Tank Bottom

York Project (SDG) No: 14K1768

Client Project ID: 427 Highland Ave

Matrix: Soil

Collection Date/Time: November 20, 2014 2:00 pm

York Sample ID: 14K1768-01

Date Received: 11/21/2014

Metals, RCRA

Sample Prepared by Method: EPA 3050B

Log-in Notes: VOA-CONT Sample Notes:

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.97		mg/kg dry	1.08	1.08	1	EPA 6010C	11/24/2014 10:46	11/24/2014 12:45	ASR
7440-39-3	Barium	35.8		mg/kg dry	1.08	1.08	1	EPA 6010C	11/24/2014 10:46	11/24/2014 12:45	ASR
7440-43-9	Cadmium	1.60		mg/kg dry	0.325	0.325	1	EPA 6010C	11/24/2014 10:46	11/24/2014 12:45	ASR
7440-47-3	Chromium	7.76		mg/kg dry	0.542	0.542	1	EPA 6010C	11/24/2014 10:46	11/24/2014 12:45	ASR
7439-92-1	Lead	58.9		mg/kg dry	0.325	0.325	1	EPA 6010C	11/24/2014 10:46	11/24/2014 12:45	ASR
7782-49-2	Selenium	4.54		mg/kg dry	1.08	1.08	1	EPA 6010C	11/24/2014 10:46	11/24/2014 12:45	ASR
7440-22-4	Silver	ND		mg/kg dry	0.542	0.542	1	EPA 6010C	11/24/2014 10:46	11/24/2014 12:45	ASR

Mercury by 7473

Sample Prepared by Method: EPA 7473 Soil

Log-in Notes: VOA-CONT Sample Notes:

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0325	0.0325	1	EPA 7473	11/24/2014 09:[illegible]	11/24/2014 [illegible]	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes: VOA-CONT Sample Notes:

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	92.2		%	0.100	0.100	1	SM 2540G	11/24/2014 08:28	11/24/2014 [illegible]	SLV

Total Petroleum Hydrocarbons

Sample Prepared by Method: Analysis Preparation

Log-in Notes: VOA-CONT Sample Notes:

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons	667		mg/kg dry	1.08	1.08	1	EPA 1664A	11/[illegible]/2014 [illegible]	[illegible]	[illegible]

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14K0768-01	Tank Bottom	40ml 01_Clear Vial Cool to 4° C

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Notes and Definitions

VOA-CONTNON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements

Rep-04 The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits

M-LSRD Original sample conc <50 X reporting limit

---

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ RL or LOD/MDL)

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve

LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses

LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.

Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

Field Chain-of-Custody Record

YORK Project No.

YOUR Information | Report To | Invoice To | YOUR Project ID | Turn-Around Time | Report Type

Purchase Order No.

Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Sample Identification	Date/Time Sampled	Sample Matrix	Check analyses Needed from the Menu Above and Enter Below

APPENDIX F

Hazardous Waste Manifest

SOIL TRACKING FORM

Deep Green of New York, Inc.

TRACKING FORM NO. (GIVEN BY DEEP GREEN)

DATE OF SHIPMENT	RESPONSIBLE FOR PAYMENT	PART 364 VEHICLE PLATE NO.	FACILITY NO.	JOB NO.	LOAD NO.
6/9/16	ELITE ENVIROMENTAL		B06	DG100748	

GENERATOR NAME AND BILLING ADDRESS

WHITE PLAINS LINEN
427 HIGHLAND AVENUE
Peekskill, 10566

GENERATOR PHONE NO.

GENERATOR CONTACT

GENERATOR FAX NO.

CUSTOMER ACCT. NO. WITH DEEP GREEN

CONSULTANT NAME AND BILLING ADDRESS

ELITE ENVIROMENTAL
14 MORRISSEY DRIVE
PUTNAM VALLEY, NY10579

CONSULTANT PHONE NO.
845-528-0370

CONSULTANT CONTACT

CONSULTANT FAX NO.
914-528-0375

CUSTOMER ACCT. NO. WITH DEEP GREEN

GENERATION SITE (TRANSPORT FROM) NAME AND ADDRESS

WHITE PLAINS LINEN
427 HIGHLAND AVENUE
Peekskill, 10566

SIT PHONE NO.

SITE CONTACT

SITE FAX NUMBER

PCS PROCESSING FACILITY (TRANSPORT TO) NAME AND ADDRESS

DEEP GREEN OF NEW YORK, INC.
1106 RIVER ROAD
NEW WINDSOR, NY 12553

FACILITY PHONE NO.
845-562-8778

PART 360 PERMIT NO.
3-3348-00150-00001-0

FACILITY CONTACT
Amy Kane

FACILITY FAX NO.
845-562-9566

TRANSPORTER NAME AND ADDRESS

ELITE ENVIROMENTAL
14 MORRISSEY DRIVE
PUTNAM VALLEY, NY10579
Permit No.: 3A-721

TRANSPORTER PHONE NO.
845-528-0370

TRANSPORTER PART 364 PERMIT NO.
3A-721

TRANSPORTER CONTACT

TRANSPORTER DOT NO.

TRANSPORTER FAX NO.
914-528-0375

CUSTOMER ACCT. NO. WITH DEEP GREEN

MATERIAL TESTING
(CHECK APPROPRIATE BOXES FOR TESTS CONDUCTED)

- ☐ TOTAL PETROLEUM HYDROCARBONS
- ☐ BENZENE (TOTAL)
- ☑ LEAD (TOTAL)
- ☐ BENZENE/TOLUENE/ETHYL BENZENE/XYLENE
- ☐ METHYL T-BUTYL ETHER (MTBE)
- ☐ HALOGENATED VOLATILE ORGANICS
- ☑ HEAVY METALS (TOTAL)
- ☐ OTHER *(PLEASE LIST)*:
- ☐ BENZENE (TCLP)
- ☐ LEAD (TCLP)
- ☐ HEAVY METALS (TCLP)

DESCRIPTION OF DELIVERY	GROSS WEIGHT (TONS)	TARE WEIGHT (TONS)	NET WEIGHT (TONS)
NON HAZARDOUS PETROLEUM CONTAMINATED SOIL	20.37	14.17	

GENERATOR'S AND/OR CONSULTANT'S CERTIFICATION: I CERTIFY THAT THE SOIL REFERENCED HEREIN IS TAKEN ENTIRELY FROM THOSE SOILS DESCRIBED IN THE GENERATOR WASTE PROFILE SHEET COMPLETED AND CERTIFIED BY ME FOR THE GENERATION SITE SHOWN ABOVE AND NOTHING HAS BEEN ADDED OR DONE TO SUCH SOIL THAT WOULD ALTER IT IN ANY WAY. I HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT INFORMATION PROVIDED ON THIS DOCUMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT I HAVE THE AUTHORITY AS _____ (TITLE) OF _____ (ENTITY) TO SIGN THIS TRACKING DOCUMENT PURSUANT TO 6 NYCRR PART 360. I AM AWARE THAT ANY FALSE STATEMENT MADE HEREIN IS PUNISHABLE AS A CLASS A MISDEMEANOR PURSUANT TO SECTION 210.45 OF THE PENAL LAW.

PRINT OR TYPE NAME ☐ GENERATOR ☐ CONSULTANT	SIGNATURE	MONTH	DATE	YEAR

TRANSPORTER'S CERTIFICATION: I ACKNOWLEDGE RECEIPT OF THE SOIL DESCRIBED ABOVE AND CERTIFY THAT SUCH SOIL IS BEING DELIVERED IN EXACTLY THE SAME CONDITION AS WHEN RECEIVED. I FURTHER CERTIFY THAT THIS SOIL IS BEING DIRECTLY TRANSPORTED FROM THE GENERATION SITE TO THE PCS PROCESSING FACILITY WITHOUT OFF-LOADING, ADDING TO, SUBTRACTING FROM OR IN ANY WAY DELAYING DELIVERY TO SUCH SITE.

PRINT OR TYPE NAME	SIGNATURE	MONTH	DATE	YEAR

TRANSPORTER DISCREPANCY BOX *(ANY DISCREPANCIES IN THE TRANSPORTER NAME OR LOCATION, PCS PROCESSING NAME OR LOCATION, OR MATERIAL TESTING OR QUANTITY SHOULD BE NOTED HERE.)*

PCS PROCESSING FACILITY CERTIFIES THE RECEIPT OF THE SOIL COVERED BY THIS SOIL TRACKING FORM EXCEPT AS NOTED BELOW.

PRINT OR TYPE NAME	SIGNATURE	MONTH	DATE	YEAR

PROCESSING FACILITY DISCREPANCY BOX *(ANY DISCREPANCIES IN ABOVE INFORMATION SHOULD BE NOTED HERE.)*

INSTRUCTIONS

GENERATOR COMPLETES ALL ITEMS IN GENERATOR AND/OR CONSULTANT BOXES, RETAINS COPY #4, AND GIVES REMAINING COPIES TO TRANSPORTER.
TRANSPORTER COMPLETES ALL ITEMS IN TRANSPORTER BOXES, RETAINS COPY #3, AND GIVES REMAINING COPIES TO THE PROCESSING FACILITY.
PROCESSING FACILITY COMPLETES ALL ITEMS IN PROCESSING FACILITY BOXES, RETAINS COPY #2, AND RETURNS COPY #1 TO THE GENERATOR.

SOIL TRACKING FORM

Deep Green of New York, Inc.

DATE OF SHIPMENT	RESPONSIBLE FOR PAYMENT	PART 364 VEHICLE PLATE NO.	FACILITY NO.	JOB NO.	LOAD NO.
7/2/14	ELITE ENVIROMENTAL		B06	DG100748	

TRACKING FORM NO. (GIVEN BY DEEP GREEN)

GENERATOR NAME AND BILLING ADDRESS

WHITE PLAINS LINEN
427 HIGHLAND AVENUE
Peekskill, 10566

GENERATOR PHONE NO.

GENERATOR CONTACT

GENERATOR FAX NO.

CUSTOMER ACCT. NO. WITH DEEP GREEN

CONSULTANT NAME AND BILLING ADDRESS

ELITE ENVIROMENTAL
14 MORRISSEY DRIVE
PUTNAM VALLEY, NY10579

CONSULTANT PHONE NO.
845-528-0370

CONSULTANT CONTACT

CONSULTANT FAX NO.
914-528-0375

CUSTOMER ACCT. NO. WITH DEEP GREEN

GENERATION SITE (TRANSPORT FROM) NAME AND ADDRESS

WHITE PLAINS LINEN
427 HIGHLAND AVENUE
Peekskill, 10566

SIT PHONE NO.

SITE CONTACT

SITE FAX NUMBER

PCS PROCESSING FACILITY (TRANSPORT TO) NAME AND ADDRESS

DEEP GREEN OF NEW YORK, INC.
1106 RIVER ROAD
NEW WINDSOR, NY 12553

FACILITY PHONE NO.
845-562-8778

PART 360 PERMIT NO.
3-3348-00150-00001-0

FACILITY CONTACT
Amy Kane

FACILITY FAX NO.
845-562-9566

TRANSPORTER NAME AND ADDRESS

ELITE ENVIROMENTAL
14 MORRISSEY DRIVE
PUTNAM VALLEY, NY10579
Permit No.: 3A-721

TRANSPORTER PHONE NO.
845-528-0370

TRANSPORTER PART 364 PERMIT NO.
3A-721

TRANSPORTER CONTACT

TRANSPORTER DOT NO.

TRANSPORTER FAX NO.
914-528-0375

CUSTOMER ACCT. NO. WITH DEEP GREEN

MATERIAL TESTING

(CHECK APPROPRIATE BOXES FOR TESTS CONDUCTED)

- ☐ TOTAL PETROLEUM HYDROCARBONS
- ☐ BENZENE (TOTAL)
- ☐ LEAD (TOTAL)
- ☐ BENZENE/TOLUENE/ETHYL BENZENE/XYLENE
- ☐ METHYL T-BUTYL ETHER (MTBE)
- ☐ HALOGENATED VOLATILE ORGANICS
- ☐ HEAVY METALS (TOTAL)
- ☐ OTHER *(PLEASE LIST)*:
- ☐ BENZENE (TCLP)
- ☐ LEAD (TCLP)
- ☐ HEAVY METALS (TCLP)

DESCRIPTION OF DELIVERY	GROSS WEIGHT (TONS)	TARE WEIGHT (TONS)	NET WEIGHT (TONS)
NON HAZARDOUS PETROLEUM CONTAMINATED SOIL	21.72	8.14	13.58

ENERATOR'S AND/OR CONSULTANT'S CERTIFICATION: I CERTIFY THAT THE SOIL REFERENCED HEREIN IS TAKEN ENTIRELY FROM THOSE SOILS DESCRIBED IN THE GENERATOR WASTE ROFILE SHEET COMPLETED AND CERTIFIED BY ME FOR THE GENERATION SITE SHOWN ABOVE AND NOTHING HAS BEEN ADDED OR DONE TO SUCH SOIL THAT WOULD ALTER IT IN ANY AY. I HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT INFORMATION PROVIDED ON THIS DOCUMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT I HAVE THE UTHORITY AS _____ (TITLE) OF _____ (ENTITY) TO SIGN THIS TRACKING DOCUMENT PURSUANT 6 NYCRR PART 360. I AM AWARE THAT ANY FALSE STATEMENT MADE HEREIN IS PUNISHABLE AS A CLASS A MISDEMEANOR PURSUANT TO SECTION 210.45 OF THE PENAL LAW.

RINT OR TYPE NAME	SIGNATURE	MONTH	DATE	YEAR
GENERATOR				
CONSULTANT				

ANSPORTER'S CERTIFICATION: I ACKNOWLEDGE RECEIPT OF THE SOIL DESCRIBED ABOVE AND CERTIFY THAT SUCH SOIL IS BEING DELIVERED IN EXACTLY THE SAME CONDITION WHEN RECEIVED. I FURTHER CERTIFY THAT THIS SOIL IS BEING DIRECTLY TRANSPORTED FROM THE GENERATION SITE TO THE PCS PROCESSING FACILITY WITHOUT OFF-LOADING OING TO, SUBTRACTING FROM OR IN ANY WAY DELAYING DELIVERY TO SUCH SITE.

RINT OR TYPE NAME	SIGNATURE	MONTH	DATE	YEAR

NSPORTER DISCREPANCY BOX *(ANY DISCREPANCIES IN THE TRANSPORTER NAME OR LOCATION, PCS PROCESSING NAME OR LOCATION, OR MATERIAL TESTING OR QUANTITY OULD BE NOTED HERE.)*

PROCESSING FACILITY CERTIFIES THE RECEIPT OF THE SOIL COVERED BY THIS SOIL TRACKING FORM EXCEPT AS NOTED BELOW.

NT OR TYPE NAME	SIGNATURE	MONTH	DATE	YEAR

CESSING FACILITY DISCREPANCY BOX *(ANY DISCREPANCIES IN ABOVE INFORMATION SHOULD BE NOTED HERE.)*

TRUCTIONS

ENERATOR COMPLETES ALL ITEMS IN GENERATOR AND/OR CONSULTANT BOXES, RETAINS COPY #4, AND GIVES REMAINING COPIES TO TRANSPORTER.
ANSPORTER COMPLETES ALL ITEMS IN TRANSPORTER BOXES, RETAINS COPY #3, AND GIVES REMAINING COPIES TO THE PROCESSING FACILITY.
OCESSING FACILITY COMPLETES ALL ITEMS IN PROCESSING FACILITY BOXES, RETAINS COPY #2 AND RETURNS COPY #1 TO T

APPENDIX G

Post-Excavation Soil Sample
Laboratory Analytical Results

Technical Report

prepared for:

Elite Environmental Inc.
14 Morrissey Drive
Putnam Valley NY, 10579
Attention: Willie Silsdorf

Report Date: 12/29/2014
Client Project ID: 427 Highland Ave
York Project (SDG) No.: 14L0817

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005

NELAP ACCREDITED TNI LABORATORY

New York Cert. No. 10854

PA Cert. No. 68-04410

120 RESEARCH DRIVE

STRATFORD, CT 06615

(203) 325-1371

FAX (203) 357-0166

Report Date: 12/29/2014
Client Project ID: 427 Highland Ave
York Project (SDG) No.: 14L0817

Elite Environmental Inc.
14 Morrissey Drive
Putnam Valley NY, 10579
Attention: Willie Silsdorf

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 19, 2014 and listed below. The project was identified as your project: **427 Highland Ave.**

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14L0817-01	South Well	Soil	12/18/2014	12/19/2014
14L0817-02	East Well Foundation	Soil	12/18/2014	12/19/2014
14L0817-03	West Well	Soil	12/18/2014	12/19/2014
14L0817-04	North Well	Soil	12/18/2014	12/19/2014
14L0817-05	Excavation Well	Soil	12/18/2014	12/19/2014

General Notes for York Project (SDG) No.: 14L0817

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Benjamin Gulizia
Laboratory Director

Date: 12/29/2014

Sample Information

Client Sample ID: South Well

York Sample ID: 14L0817-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	50	CCV-E, J	ug/kg dry	25	50	1	EPA 8270D	12/26/2014 08:30	12/27/2014 14:14	MM
91-20-3	Naphthalene	ND		ug/kg dry	25	50	1	EPA 8270D	12/26/2014 08:30	12/27/2014 14:14	MM
85-01-8	Phenanthrene	40	J	ug/kg dry	25	50	1	EPA 8270D	12/26/2014 08:30	12/27/2014 14:14	MM
129-00-0	Pyrene	91		ug/kg dry	25	50	1	EPA 8270D	12/26/2014 08:30	12/27/2014 14:14	MM

CAS No.	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*56.1 %*	*10-119*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*49.7 %*	*10-114*
1718-51-0	*Surrogate: Terphenyl-d14*	*80.2 %*	*10-123*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	83.5		%	0.100	0.100	1	SM 2540G	12/22/2014 12:00	12/22/2014 15:17	JL

Sample Information

Client Sample ID: East Well Foundation

York Sample ID: 14L0817-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 12:56	MM
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 12:56	MM
108-88-3	Toluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 12:56	MM
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 12:56	MM
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/27/2014 08:47	12/27/2014 12:56	MM
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 12:56	MM
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 12:56	MM
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 12:56	MM
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 12:56	MM
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 12:56	MM
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 12:56	MM
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 12:56	MM

Sample Information

Client Sample ID: East Well Foundation

York Sample ID: 14L0817-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/22/2014 08:47	12/22/2014 [illegible]	[illegible]
91-20-3	Naphthalene	6.2	J	ug/kg dry	2.9	11	1	EPA 8260C	12/22/2014 08:47	12/22/2014 [illegible]	[illegible]
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/22/2014 08:47	12/22/2014 [illegible]	[illegible]
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C	12/22/2014 08:47	12/22/2014 [illegible]	[illegible]

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*125 %*	*77-135*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*81.9 %*	*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*113 %*	*85-120*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 09:17	12/27/2014 [illegible]	[illegible]
208-96-8	Acenaphthylene	ND		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 09:17	12/27/2014 [illegible]	[illegible]
120-12-7	Anthracene	250		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 09:17	12/27/2014 [illegible]	[illegible]
56-55-3	Benzo(a)anthracene	950		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 09:17	12/27/2014 [illegible]	[illegible]
50-32-8	Benzo(a)pyrene	630		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 09:17	12/27/2014 [illegible]	[illegible]
205-99-2	Benzo(b)fluoranthene	580		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 09:17	12/27/2014 [illegible]	[illegible]
191-24-2	Benzo(g,h,i)perylene	290	CCV-E	ug/kg dry	120	240	5	EPA 8270D	12/26/2014 09:17	12/27/2014 [illegible]	[illegible]
207-08-9	Benzo(k)fluoranthene	660		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 09:17	12/27/2014 [illegible]	[illegible]
218-01-9	Chrysene	1000		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 09:17	12/27/2014 [illegible]	[illegible]
53-70-3	Dibenzo(a,h)anthracene	180	CCV-E, J	ug/kg dry	120	240	5	EPA 8270D	12/26/2014 09:17	12/27/2014 [illegible]	[illegible]
206-44-0	Fluoranthene	2300		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 09:17	12/27/2014 [illegible]	[illegible]
86-73-7	Fluorene	ND		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 09:17	12/27/2014 [illegible]	[illegible]
193-39-5	Indeno(1,2,3-cd)pyrene	290	CCV-E	ug/kg dry	120	240	5	EPA 8270D	12/26/2014 09:17	12/27/2014 [illegible]	[illegible]
91-20-3	Naphthalene	ND		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 09:17	12/27/2014 [illegible]	[illegible]
85-01-8	Phenanthrene	1500		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 09:17	12/27/2014 [illegible]	[illegible]
129-00-0	Pyrene	1600		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 09:17	12/27/2014 [illegible]	[illegible]

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*29.7 %*		*10-119*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*82.5 %*		*10-114*
1718-51-0	*Surrogate: Terphenyl-d14*	*146 %*	S-08	*10-123*

Sample Information

Client Sample ID: East Well Foundation

York Project (SDG) No.: 14L0817

Client Project ID: 427 Highland Ave

Matrix: Soil

York Sample ID: 14L0817-02

Collection Date/Time: December 18, 2014 3:00 pm

Date Received: 12/19/2014

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes: VOA-CONT Sample Notes:

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	87.6		%	0.100	0.100	1	SM 2540G	12/22/2014 13:21	12/22/2014 18:33	KA

Sample Information

Client Sample ID: West Well

York Project (SDG) No.: 14L0817

Client Project ID: 427 Highland Ave

Matrix: Soil

York Sample ID: 14L0817-03

Collection Date/Time: December 18, 2014 3:00 pm

Date Received: 12/19/2014

Volatile Organics, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 5035A

Log-in Notes: VOA-CONT Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 05:47	12/27/2014 21:33	SS
41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 05:47	12/27/2014 21:33	SS
88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 05:47	12/27/2014 21:33	SS
47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 05:47	12/27/2014 21:33	SS
01-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C	12/27/2014 05:47	12/27/2014 21:33	SS
65-1	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 05:47	12/27/2014 21:33	SS
6	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 05:47	12/27/2014 21:33	SS
6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 05:47	12/27/2014 21:33	SS
7-8	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 05:47	12/27/2014 21:33	SS
8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 05:47	12/27/2014 21:33	SS
8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 05:47	12/27/2014 21:33	SS
8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 05:47	12/27/2014 21:33	SS
6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 05:47	12/27/2014 21:33	SS
	Naphthalene	5.8	J	ug/kg dry	2.9	12	1	EPA 8260C	12/27/2014 05:47	12/27/2014 21:33	SS
4-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 05:47	12/27/2014 21:33	SS
20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C	12/27/2014 05:47	12/27/2014 21:33	SS

Surrogate Recoveries	Result		Acceptance Range
7-0 *Surrogate: 1,2-Dichloroethane-d4*	144 %	S-08	77-125
Surrogate: p-Bromofluorobenzene	97.8 %		76-130
5 *Surrogate: Toluene-d8*	99.2 %		85-120

Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT Sample Notes:

Sample Information

Client Sample ID: West Well

York Project (SDG) No.: 14L0817

Client Project ID: 427 Highland Ave

York Sample ID: 14L0817-03

Matrix: Soil

Collection Date/Time: December 18, 2014 3:00 pm

Date Received: 12/19/2014

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	2000		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 9:06:13	12/27/2014 19:58	KJ
208-96-8	Acenaphthylene	ND		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 9:06:13	12/27/2014 19:58	KJ
120-12-7	Anthracene	4100		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 9:06:13	12/27/2014 19:58	KJ
56-55-3	Benzo(a)anthracene	5300		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 9:06:13	12/27/2014 19:58	KJ
50-32-8	Benzo(a)pyrene	1400		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 9:06:13	12/27/2014 19:58	KJ
205-99-2	Benzo(b)fluoranthene	2000		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 9:06:13	12/27/2014 19:58	KJ
191-24-2	Benzo(g,h,i)perylene	750	CCV-E	ug/kg dry	240	490	10	EPA 8270D	12/26/2014 9:06:13	12/27/2014 19:58	KJ
207-08-9	Benzo(k)fluoranthene	2200		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 9:06:13	12/27/2014 19:58	KJ
218-01-9	Chrysene	4100		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 9:06:13	12/27/2014 19:58	KJ
53-70-3	Dibenzo(a,h)anthracene	440	CCV-E, J	ug/kg dry	240	490	10	EPA 8270D	12/26/2014 9:06:13	12/27/2014 19:58	KJ
206-44-0	Fluoranthene	9600		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 9:06:13	12/27/2014 19:58	KJ
86-73-7	Fluorene	2000		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 9:06:13	12/27/2014 19:58	KJ
193-39-5	Indeno(1,2,3-cd)pyrene	800	CCV-E	ug/kg dry	240	490	10	EPA 8270D	12/26/2014 9:06:13	12/27/2014 19:58	KJ
91-20-3	Naphthalene	460	J	ug/kg dry	240	490	10	EPA 8270D	12/26/2014 9:06:13	12/27/2014 19:58	KJ
85-01-8	Phenanthrene	9100		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 9:06:13	12/27/2014 19:58	KJ
129-00-0	Pyrene	8800		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 9:06:13	12/27/2014 19:58	KJ

Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*55.3 %*	*10-119*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*84.3 %*	*10-114*
1718-51-0	*Surrogate: Terphenyl-d14*	*159 %*	S-08 *10-123*

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes: VOA-CONT Sample Notes:

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* % Solids	85.5		%	0.100	0.100	1	SM 2540G	12/22/2014 12:21	12/22/2014 18:3	SH

Sample Information

Client Sample ID: North Well

York Project (SDG) No.: 14L0817

Client Project ID: 427 Highland Ave

York Sample ID: 14L0817-04

Matrix: Soil

Collection Date/Time: December 18, 2014 3:00 pm

Date Received: 12/19/2014

Volatile Organics, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 5035A

Log-in Notes: VOA-CONT Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/23/2014 8:47	12/23/2014 [illegible]	[illegible]

120 RESEARCH DRIVE
STRATFORD, CT 06615

Sample Information

Client Sample ID: Excavation Well

York Project (SDG) No.: 14L0817

Client Project ID: 427 Highland Ave

Matrix: Soil

York Sample ID: 14L0817-0[illegible]

Collection Date/Time: December 18, 2014 3:00 pm

Date Received: [illegible]

Volatile Organics, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 5035A

Log-in Notes: VOA-CONT

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 06:13	12/26/2014 [illegible]	[illegible]
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.1	18	1	EPA 8260C	12/26/2014 06:13	12/26/2014 [illegible]	[illegible]

Surrogate Recoveries	Result		Acceptance Range
17060-07-0 *Surrogate: 1,2-Dichloroethane-d4*	141 %	S-08	77-125
460-00-4 *Surrogate: p-Bromofluorobenzene*	112 %		76-130
2037-26-5 *Surrogate: Toluene-d8*	106 %		85-120

Semi-Volatiles, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 3550C

Log-in Notes: VOA-CONT

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	[illegible]
208-96-8	Acenaphthylene	ND		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	[illegible]
120-12-7	Anthracene	ND		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	[illegible]
56-55-3	Benzo(a)anthracene	120		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	[illegible]
50-32-8	Benzo(a)pyrene	120		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	[illegible]
205-99-2	Benzo(b)fluoranthene	99		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	[illegible]
191-24-2	Benzo(g,h,i)perylene	81	CCV-E	ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	[illegible]
207-08-9	Benzo(k)fluoranthene	140		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	[illegible]
218-01-9	Chrysene	140		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	[illegible]
53-70-3	Dibenzo(a,h)anthracene	47	CCV-E, J	ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	[illegible]
206-44-0	Fluoranthene	210		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	[illegible]
86-73-7	Fluorene	ND		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	[illegible]
193-39-5	Indeno(1,2,3-cd)pyrene	84	CCV-E	ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	[illegible]
91-20-3	Naphthalene	ND		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	[illegible]
85-01-8	Phenanthrene	85		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	[illegible]
129-00-0	Pyrene	190		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	[illegible]

Surrogate Recoveries	Result	Acceptance Range
4660-0 *Surrogate: Nitrobenzene-d5*	58.0 %	10-119
321-60-8 *Surrogate: 2-Fluorobiphenyl*	51.6 %	10-114
1718-51-0 *Surrogate: Terphenyl-d14*	74.4 %	10-123

120 RESEARCH DRIVE STRATFORD, CT 06615

Sample Information

Client Sample ID: North Well

York Project (SDG) No.: 14L0817

Client Project ID: 427 Highland Ave

Matrix: Soil

Collection Date/Time: December 18, 2014 3:30 pm

York Sample ID: 14L0817-0

Volatile Organics, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 5035A

Log-in Notes: VOA-CONT

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:43	12/27/2014 22:08	SS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:43	12/27/2014 22:08	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:43	12/27/2014 22:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/27/2014 08:43	12/27/2014 22:08	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:43	12/27/2014 22:08	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:43	12/27/2014 22:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:43	12/27/2014 22:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:43	12/27/2014 22:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:43	12/27/2014 22:08	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:43	12/27/2014 22:08	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:43	12/27/2014 22:08	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:43	12/27/2014 22:08	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:43	12/27/2014 22:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	12	1	EPA 8260C	12/27/2014 08:43	12/27/2014 22:08	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:43	12/27/2014 22:08	SS

Surrogate Recoveries	Result		Acceptance Range
460-00-4	*Surrogate: 1,2-Dichloroethane-d4*	*142 %*	S-08	*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*117 %*		*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*112 %*		*85-120*

Semi-Volatiles, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 3550C

Log-in Notes: VOA-CONT

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
120-12-7	Anthracene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
56-55-3	Benzo(a)anthracene	51		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
50-32-8	Benzo(a)pyrene	65		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
205-99-2	Benzo(b)fluoranthene	73		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
191-24-2	Benzo(g,h,i)perylene	46	CCV-E, J	ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
207-08-9	Benzo(k)fluoranthene	58		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
218-01-9	Chrysene	74		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
206-44-0	Fluoranthene	130		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
86-73-7	Fluorene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
193-39-5	Indeno(1,2,3-cd)pyrene	43	CCV-E, J	ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
91-57-6	Naphthalene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH

20 RESEARCH DRIVE

STRATFORD, CT 06615

Sample Information

Client Sample ID: North Well

York Project (SDG) No.: 14L0817

Client Project ID: 427 Highland Ave

Matrix: Soil

York Sample ID: 14L0817-04

Collection Date/Time: December 18, 2014 [illegible] pm

Date Received: [illegible]

Semi-Volatiles, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 3546

Log-in Notes: VOA-CONT

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	43	J	ug/kg dry	25	49	1	EPA 8270D	12/26/2014 [illegible]	[illegible]	[illegible]
129-00-0	Pyrene	87		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	[illegible]	[illegible]

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	52.3 %	10-119
321-60-8	*Surrogate: 2-Fluorobiphenyl*	50.8 %	10-114
1718-51-0	*Surrogate: Terphenyl-d14*	73.3 %	10-123

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes: VOA-CONT

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Solids	% Solids	85.1		%	0.100	0.100	1	SM 2540G	12/22/2014 12:20	12/23/2014 18:[illegible]	[illegible]

Sample Information

Client Sample ID: Excavation Well

York Project (SDG) No.: 14L0817

Client Project ID: 427 Highland Ave

Matrix: Soil

York Sample ID: 14L0817-05

Collection Date/Time: December 18, 2014 3:00 pm

Date Received: [illegible]

Volatile Organics, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 5035A

Log-in Notes: VOA-CONT

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
108-88-3	Toluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
1330-20-7	p- & m- Xylenes	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS

Sample Information

Client Sample ID: Excavation Well

York Project (SDG) No.: 14L0817

Client Project ID: 427 Highland Ave

York Sample ID: 14L0817-05

Matrix: Soil

Collection Date/Time: December 18, 2014 3:00 pm

Date Received: 12/19/2014

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes: VOA-CONT

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.4		%	0.100	0.100	1	SM 2540G	12/22/2014 12:2	12/22/2014 [illegible]	[illegible]

120 RESEARCH DRIVE

STRATFORD, CT 06615

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14L0817-01	South Well	40mL 01_Clear Vial Cool to 4° C
14L0817-02	East Well Foundation	40mL 01_Clear Vial Cool to 4° C
14L0817-03	West Well	40mL 01_Clear Vial Cool to 4° C
14L0817-04	North Well	40mL 01_Clear Vial Cool to 4° C
14L0817-05	Excavation Well	40mL 01_Clear Vial Cool to 4° C

120 RESEARCH DRIVE STRATFORD, CT 06615

Notes and Definitions

VOA-CONT NON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements

S-08 The recovery of this surrogate was outside of QC limits.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery

QL-03 This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.

J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

CCV-E The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average RF or >20% Drift for quadratic fit).

---

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve

LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.

LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846

MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods

Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet d cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two a this reason, York reports the combined result for n- nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as phenylamine

Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 d 1268 which are non-target aroclors for some regulatory lists.

fluoroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user uld take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

120 RESEARCH DRIVE

STRATFORD, CT 06615

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

Page ____ of ____

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 14L0817

YOUR Information

Company: Elite Environmental Svc
Address: 4 Mallis Sq OC
Nanuet Valley NY 10594
Phone No. 845-598-6378
Contact Person: Lisa
E-Mail Address: Elite.nvll@optonline.net

Report To:

Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company:
Address: Same
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

427 Highland Ave

Purchase Order No.

Samples from: CT ___ NY ✓ NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ✓

Report Type

- Summary Report
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel
- NYSDEC EQuIS
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- York Regulatory Comparison
- Excel Spreadsheet

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Prl.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEPSewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDECSewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Ath Well	12/18/14	S	Stars	4oz G/clear
s+ Well Foundation	12/18/14	S	Stars	" "
s+ Well	12/18/14	S	Stars	" "
+h Well	12/18/14	S	Stars	" "
Section Bottom	12/18/14	S	Stars	" "
				"

Comments

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By: 12/18/14 Date/Time

Samples Received By: Other 12-19-14 Date/Time

Samples Relinquished By: Date/Time

Samples Received at LAB By: Date/Time

Temperature on Receipt: 4.1 °C

APPENDIX F

Hazardous Waste Manifest

SOIL TRACKING FORM

Deep Green of New York, Inc.

DATE OF SHIPMENT	RESPONSIBLE FOR PAYMENT	PART 364 VEHICLE PLATE NO.	FACILITY NO.	TRACKING FORM NO. (GIVEN BY DEEP GREEN) JOB NO.	LOAD NO.
12/6/12	ELITE ENVIROMENTAL		B06	DG100748	

GENERATOR NAME AND BILLING ADDRESS

WHITE PLAINS LINEN
127 HIGHLAND AVENUE
Peekskill, 10566

GENERATOR PHONE NO.

GENERATOR CONTACT

GENERATOR FAX NO.

CUSTOMER ACCT. NO. WITH DEEP GREEN

CONSULTANT NAME AND BILLING ADDRESS

ELITE ENVIROMENTAL
4 MORRISSEY DRIVE
PUTNAM VALLEY, NY10579

CONSULTANT PHONE NO.
845-528-0370

CONSULTANT CONTACT

CONSULTANT FAX NO.
914-528-0375

CUSTOMER ACCT. NO. WITH DEEP GREEN

GENERATION SITE (TRANSPORT FROM) NAME AND ADDRESS

WHITE PLAINS LINEN
127 HIGHLAND AVENUE
Peekskill, 10566

SIT PHONE NO.

SITE CONTACT

SITE FAX NUMBER

PCS PROCESSING FACILITY (TRANSPORT TO) NAME AND ADDRESS

DEEP GREEN OF NEW YORK, INC.
106 RIVER ROAD
NEW WINDSOR, NY 12553

FACILITY PHONE NO.
845-562-8778

PART 360 PERMIT NO.
3-3348-00150-00001-Q

FACILITY CONTACT
Amy Kane

FACILITY FAX NO.
845-562-9566

TRANSPORTER NAME AND ADDRESS

ELITE ENVIROMENTAL
4 MORRISSEY DRIVE
PUTNAM VALLEY, NY10579
Permit No.: 3A-721

TRANSPORTER PHONE NO.
845-528-0370

TRANSPORTER PART 364 PERMIT NO.
3A-721

TRANSPORTER CONTACT

TRANSPORTER DOT NO.

TRANSPORTER FAX NO.
914-528-0375

CUSTOMER ACCT. NO. WITH DEEP GREEN

MATERIAL TESTING

(CHECK APPROPRIATE BOXES FOR TESTS CONDUCTED)

- ☐ TOTAL PETROLEUM HYDROCARBONS
- ☐ BENZENE (TOTAL)
- ☐ LEAD (TOTAL)
- ☐ BENZENE/TOLUENE/ETHYL BENZENE/XYLENE
- ☐ METHYL T-BUTYL ETHER (MTBE)
- ☒ HALOGENATED VOLATILE ORGANICS
- ☒ HEAVY METALS (TOTAL)
- ☐ OTHER *(PLEASE LIST):*
- ☐ BENZENE (TCLP)
- ☐ LEAD (TCLP)
- ☐ HEAVY METALS (TCLP)

DESCRIPTION OF DELIVERY	GROSS WEIGHT (TONS)	TARE WEIGHT (TONS)	NET WEIGHT (TONS)
NON HAZARDOUS PETROLEUM CONTAMINATED SOIL	20.63	7.77	12.86

GENERATOR'S AND/OR CONSULTANT'S CERTIFICATION: I CERTIFY THAT THE SOIL REFERENCED HEREIN IS TAKEN ENTIRELY FROM THOSE SOILS DESCRIBED IN THE GENERATOR WASTE PROFILE SHEET COMPLETED AND CERTIFIED BY ME FOR THE GENERATION SITE SHOWN ABOVE AND NOTHING HAS BEEN ADDED OR DONE TO SUCH SOIL THAT WOULD ALTER IT IN ANY WAY. I HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT INFORMATION PROVIDED ON THIS DOCUMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT I HAVE THE AUTHORITY AS _____ (TITLE) OF _____ (ENTITY) TO SIGN THIS TRACKING DOCUMENT PURSUANT TO 6 NYCRR PART 360. I AM AWARE THAT ANY FALSE STATEMENT MADE HEREIN IS PUNISHABLE AS A CLASS A MISDEMEANOR PURSUANT TO SECTION 210.45 OF THE PENAL LAW.

PRINT OR TYPE NAME ☐ GENERATOR ☐ CONSULTANT	SIGNATURE	MONTH	DATE	YEAR

TRANSPORTER'S CERTIFICATION: I ACKNOWLEDGE RECEIPT OF THE SOIL DESCRIBED ABOVE AND CERTIFY THAT SUCH SOIL IS BEING DELIVERED IN EXACTLY THE SAME CONDITION AS WHEN RECEIVED. I FURTHER CERTIFY THAT THIS SOIL IS BEING DIRECTLY TRANSPORTED FROM THE GENERATION SITE TO THE PCS PROCESSING FACILITY WITHOUT OFF-LOADING TO, ADDING TO, SUBTRACTING FROM OR IN ANY WAY DELAYING DELIVERY TO SUCH SITE.

PRINT OR TYPE NAME	SIGNATURE	MONTH	DATE	YEAR
		12	12	12

TRANSPORTER DISCREPANCY BOX *(ANY DISCREPANCIES IN THE TRANSPORTER NAME OR LOCATION, PCS PROCESSING NAME OR LOCATION, OR MATERIAL TESTING OR QUANTITY SHOULD BE NOTED HERE.)*

PCS PROCESSING FACILITY CERTIFIES THE RECEIPT OF THE SOIL COVERED BY THIS SOIL TRACKING FORM EXCEPT AS NOTED BELOW.

PRINT OR TYPE NAME	SIGNATURE	MONTH	DATE	YEAR
		12	12	12

PROCESSING FACILITY DISCREPANCY BOX *(ANY DISCREPANCIES IN ABOVE INFORMATION SHOULD BE NOTED HERE.)*

INSTRUCTIONS

GENERATOR COMPLETES ALL ITEMS IN GENERATOR AND/OR CONSULTANT BOXES, RETAINS COPY #4, AND GIVES REMAINING COPIES TO TRANSPORTER.
TRANSPORTER COMPLETES ALL ITEMS IN TRANSPORTER BOXES, RETAINS COPY #3, AND GIVES REMAINING COPIES TO THE PROCESSING FACILITY.
PROCESSING FACILITY COMPLETES ALL ITEMS IN PROCESSING FACILITY BOXES, RETAINS COPY #2 AND RETURNS COPY #1 TO THE GENERATOR WITHIN TWO (2) WEEKS.

SOIL TRACKING FORM

Deep Green of New York, Inc.

TRACKING FORM NO. (GIVEN BY DEEP GREEN)

DATE OF SHIPMENT	RESPONSIBLE FOR PAYMENT	PART 364 VEHICLE PLATE NO.	FACILITY NO.	JOB NO.	LOAD NO.
9/12/17	ELITE ENVIROMENTAL		B06	DG100748	

GENERATOR NAME AND BILLING ADDRESS

WHITE PLAINS LINEN
427 HIGHLAND AVENUE
Peekskill, 10566

GENERATOR PHONE NO.

GENERATOR CONTACT

GENERATOR FAX NO.

CUSTOMER ACCT. NO. WITH DEEP GREEN

CONSULTANT NAME AND BILLING ADDRESS

ELITE ENVIROMENTAL
14 MORRISSEY DRIVE
PUTNAM VALLEY, NY10579

CONSULTANT PHONE NO.
845-528-0370

CONSULTANT CONTACT

CONSULTANT FAX NO.
914-528-0375

CUSTOMER ACCT. NO. WITH DEEP GREEN

GENERATION SITE (TRANSPORT FROM) NAME AND ADDRESS

WHITE PLAINS LINEN
427 HIGHLAND AVENUE
Peekskill, 10566

SIT PHONE NO.

SITE CONTACT

SITE FAX NUMBER

PCS PROCESSING FACILITY (TRANSPORT TO) NAME AND ADDRESS

DEEP GREEN OF NEW YORK, INC.
1106 RIVER ROAD
NEW WINDSOR, NY 12553

FACILITY PHONE NO.
845-562-8778

PART 360 PERMIT NO.
3-3348-00150-00001-Q

FACILITY CONTACT
Amy Kane

FACILITY FAX NO.
845-562-9566

TRANSPORTER NAME AND ADDRESS

ELITE ENVIROMENTAL
14 MORRISSEY DRIVE
PUTNAM VALLEY, NY10579
Permit No.: 3A-721

TRANSPORTER PHONE NO.
845-528-0370

TRANSPORTER PART 384 PERMIT NO.
3A-721

TRANSPORTER CONTACT

TRANSPORTER DOT NO.

TRANSPORTER FAX NO.
914-528-0375

CUSTOMER ACCT. NO. WITH DEEP GREEN

MATERIAL TESTING
(CHECK APPROPRIATE BOXES FOR TESTS CONDUCTED)

- ☒ TOTAL PETROLEUM HYDROCARBONS
- ☐ BENZENE (TOTAL) ☐ BENZENE (TCLP)
- ☒ LEAD (TOTAL) ☐ LEAD (TCLP)
- ☐ BENZENE/TOLUENE/ETHYL BENZENE/XYLENE
- ☐ METHYL T-BUTYL ETHER (MTBE)
- ☒ HALOGENATED VOLATILE ORGANICS
- ☒ HEAVY METALS (TOTAL) ☐ HEAVY METALS (TCLP)
- ☐ OTHER *(PLEASE LIST):*

DESCRIPTION OF DELIVERY	GROSS WEIGHT (TONS)	TARE WEIGHT (TONS)	NET WEIGHT (TONS
NON HAZARDOUS PETROLEUM	21.77	8.14	13.63
CONTAMINATED SOIL			

GENERATOR'S AND/OR CONSULTANT'S CERTIFICATION: I CERTIFY THAT THE SOIL REFERENCED HEREIN IS TAKEN ENTIRELY FROM THOSE SOILS DESCRIBED IN THE GENERATOR WASTI PROFILE SHEET COMPLETED AND CERTIFIED BY ME FOR THE GENERATION SITE SHOWN ABOVE AND NOTHING HAS BEEN ADDED OR DONE TO SUCH SOIL THAT WOULD ALTER IT IN AN WAY. I HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT INFORMATION PROVIDED ON THIS DOCUMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT I HAVE THI AUTHORITY AS _____ (TITLE) OF _____ (ENTITY) TO SIGN THIS TRACKING DOCUMENT PURSUAN TO 6 NYCRR PART 360. I AM AWARE THAT ANY FALSE STATEMENT MADE HEREIN IS PUNISHABLE AS A CLASS A MISDEMEANOR PURSUANT TO SECTION 210.45 OF THE PENAL LAW.

PRINT OR TYPE NAME ☐ GENERATOR ☐ CONSULTANT	SIGNATURE	MONTH	DATE	YEAR

TRANSPORTER'S CERTIFICATION: I ACKNOWLEDGE RECEIPT OF THE SOIL DESCRIBED ABOVE AND CERTIFY THAT SUCH SOIL IS BEING DELIVERED IN EXACTLY THE SAME CONDITIOI AS WHEN RECEIVED. I FURTHER CERTIFY THAT THIS SOIL IS BEING DIRECTLY TRANSPORTED FROM THE GENERATION SITE TO THE PCS PROCESSING FACILITY WITHOUT OFF-LOADING ADDING TO, SUBTRACTING FROM OR IN ANY WAY DELAYING DELIVERY TO SUCH SITE.

PRINT OR TYPE NAME	SIGNATURE	MONTH	DATE	YEAR
Michael		9	12	17

TRANSPORTER DISCREPANCY BOX *(ANY DISCREPANCIES IN THE TRANSPORTER NAME OR LOCATION, PCS PROCESSING NAME OR LOCATION, OR MATERIAL TESTING OR QUANTIT SHOULD BE NOTED HERE.)*

PCS PROCESSING FACILITY CERTIFIES THE RECEIPT OF THE SOIL COVERED BY THIS SOIL TRACKING FORM EXCEPT AS NOTED BELOW.

PRINT OR TYPE NAME	SIGNATURE	MONTH	DATE	YEAR
		9	12	17

PROCESSING FACILITY DISCREPANCY BOX *(ANY DISCREPANCIES IN ABOVE INFORMATION SHOULD BE NOTED HERE.)*

INSTRUCTIONS

1. **GENERATOR** COMPLETES ALL ITEMS IN GENERATOR AND/OR CONSULTANT BOXES, RETAINS COPY #4, AND GIVES REMAINING COPIES TO TRANSPORTER.
2. **TRANSPORTER** COMPLETES ALL ITEMS IN TRANSPORTER BOXES, RETAINS COPY #3, AND GIVES REMAINING COPIES TO THE PROCESSING FACILITY.
3. **PROCESSING FACILITY** COMPLETES ALL ITEMS IN PROCESSING FACILITY BOXES, RETAINS COPY #2, AND RETURNS COPY #1 TO THE GENERATOR WITHIN TWO (2) WEEKS.

TRANSPORTER COPY

APPENDIX G

Post-Excavation Soil Sample
Laboratory Analytical Results

Technical Report

prepared for:

Elite Environmental Inc.
14 Morrissey Drive
Putnam Valley NY, 10579
Attention: Willie Silsdorf

Report Date: 12/29/2014
Client Project ID: 427 Highland Ave
York Project (SDG) No.: 14L0817

CT Cert. No. PH-0723 New Jersey Cert. No. CT-005 New York Cert. No. 10854 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 12/29/2014
Client Project ID: 427 Highland Ave
York Project (SDG) No.: 14L0817

Elite Environmental Inc.
14 Morrissey Drive
Putnam Valley NY, 10579
Attention: Willie Silsdorf

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 19, 2014 and listed below. The project was identified as your project: **427 Highland Ave**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14L0817-01	South Well	Soil	12/18/2014	12/19/2014
14L0817-02	East Well Foundation	Soil	12/18/2014	12/19/2014
14L0817-03	West Well	Soil	12/18/2014	12/19/2014
14L0817-04	North Well	Soil	12/18/2014	12/19/2014
14L0817-05	Excavation Well	Soil	12/18/2014	12/19/2014

Sample Information

Client Sample ID: South Well

York Sample ID: 14L0817-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Log-in Notes: VOA-CONT **Sample Notes:**

Semi-Volatiles, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	50	CCV-E J	ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	[illegible]
91-20-3	Naphthalene	ND		ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	[illegible]
85-01-8	Phenanthrene	40	J	ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	[illegible]
129-00-0	Pyrene	91		ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	[illegible]

Surrogate Recoveries	Result	Acceptance Range
4165-60-0 *Surrogate: Nitrobenzene-d5*	*56.1 %*	*10-119*
321-60-8 *Surrogate: 2-Fluorobiphenyl*	*49.7 %*	*10-114*
1718-51-0 *Surrogate: Terphenyl-d14*	*80.2 %*	*10-133*

Log-in Notes: VOA-CONT **Sample Notes:**

Total Solids

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.5		%	0.100	0.100	1	SM 2540G	12/22/2014 12:23	12/22/2014 13:31	KL

Sample Information

Client Sample ID: East Well Foundation

York Sample ID: 14L0817-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Log-in Notes: VOA-CONT **Sample Notes:**

Volatile Organics, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS

Sample Information

Client Sample ID: East Well Foundation

York Sample ID: 14L0817-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
91-20-3	Naphthalene	6.2	J	ug/kg dry	2.9	11	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*125 %*	*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.9 %*	*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*113 %*	*85-120*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
120-12-7	Anthracene	250		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
56-55-3	Benzo(a)anthracene	950		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
50-32-8	Benzo(a)pyrene	630		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
205-99-2	Benzo(b)fluoranthene	580		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
191-24-2	Benzo(g,h,i)perylene	290	CCV-E	ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
207-08-9	Benzo(k)fluoranthene	660		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
218-01-9	Chrysene	1000		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
53-70-3	Dibenzo(a,h)anthracene	180	CCV-E, J	ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
206-44-0	Fluoranthene	2300		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
86-73-7	Fluorene	ND		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
193-39-5	Indeno(1,2,3-cd)pyrene	290	CCV-E	ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
91-20-3	Naphthalene	ND		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
85-01-8	Phenanthrene	1500		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
129-00-0	Pyrene	1600		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*29.7 %*		*10-119*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*82.3 %*		*10-114*
1718-51-0	*Surrogate: Terphenyl-d14*	*146 %*	S-08	*10-123*

Sample Information

Client Sample ID: East Well Foundation — **York Sample ID:** 14L0817-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Total Solids — **Log-in Notes:** VOA-CONT — **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
olids	* % Solids	87.6		%	0.100	0.100	1	SM 2540G	12/22/2014 12:21	12/23/2014 18:33	KR

Sample Information

Client Sample ID: West Well — **York Sample ID:** 14L0817-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Volatile Organics, CP-51 (formerly STARS) List — **Log-in Notes:** VOA-CONT — **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
00-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
08-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
7-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
9601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
8-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
03-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
9-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
5-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
08-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
4-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
5-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
8-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
1-20-3	**Naphthalene**	5.8	J	ug/kg dry	2.9	12	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS

	Surrogate Recoveries	Result		Acceptance Range
2060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*144 %*	S-08	*77-125*
60-00-4	*Surrogate: p-Bromofluorobenzene*	*97.8 %*		*76-130*
037-26-5	*Surrogate: Toluene-d8*	*99.2 %*		*85-120*

Semi-Volatiles, CP-51 (formerly STARS) List — **Log-in Notes:** VOA-CONT — **Sample Notes:**

Sample Information

Client Sample ID: Excavation Well

York Sample ID: 14L0817-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 10:43	12/27/2014 01:43	SS
330-20-7	Xylenes, Total	ND		ug/kg dry	9.1	18	1	EPA 8260C	12/26/2014 10:43	12/27/2014 01:43	SS
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*141 %*	S-08		*77-125*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*112 %*			*76-130*						
2037-26-5	*Surrogate: Toluene-d8*	*106 %*			*85-120*						

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
120-12-7	Anthracene	ND		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
56-55-3	Benzo(a)anthracene	120		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
50-32-8	Benzo(a)pyrene	120		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
205-99-2	Benzo(b)fluoranthene	99		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
191-24-2	Benzo(g,h,i)perylene	81	CCV-E	ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
207-08-9	Benzo(k)fluoranthene	140		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
218-01-9	Chrysene	140		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
53-70-3	Dibenzo(a,h)anthracene	47	CCV-E, J	ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
206-44-0	Fluoranthene	210		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
86-73-7	Fluorene	ND		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
193-39-5	Indeno(1,2,3-cd)pyrene	84	CCV-E	ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
91-20-3	Naphthalene	ND		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
85-01-8	Phenanthrene	85		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
129-00-0	Pyrene	190		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
	Surrogate Recoveries	**Result**			**Acceptance Range**						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*58.0 %*			*10-119*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*51.6 %*			*10-114*						
1718-51-0	*Surrogate: Terphenyl-d14*	*74.4 %*			*10-123*						

Sample Information

Client Sample ID: Excavation Well

York Sample ID: 14L0817-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

otal Solids

Log-in Notes: VOA-CONT **Sample Notes:**

ample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
ids	% Solids	82.4		%	0.100	0.100	1	SM 2540G	12/22/2014 [illegible]	12/22/2014 18:5[illegible]	[illegible]

Sample Information

Client Sample ID: West Well

York Sample ID: 14L0817-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

mple Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
3-32-9	Acenaphthene	2000		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
8-96-8	Acenaphthylene	ND		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
0-12-7	Anthracene	4100		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
-55-3	Benzo(a)anthracene	5300		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
-32-8	Benzo(a)pyrene	1400		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
5-99-2	Benzo(b)fluoranthene	2000		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
1-24-2	Benzo(g,h,i)perylene	750	CCV-E	ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
7-08-9	Benzo(k)fluoranthene	2200		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
8-01-9	Chrysene	4100		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
-70-3	Dibenzo(a,h)anthracene	440	CCV-E, J	ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
6-44-0	Fluoranthene	9600		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
-73-7	Fluorene	2000		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
3-39-5	Indeno(1,2,3-cd)pyrene	800	CCV-E	ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
-20-3	Naphthalene	460	J	ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
-01-8	Phenanthrene	9100		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
0-00-0	Pyrene	8800		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH

	Surrogate Recoveries	Result		Acceptance Range
5-00-0	*Surrogate: Nitrobenzene-d5*	*55.3 %*		*10-119*
1-60-8	*Surrogate: 2-Fluorobiphenyl*	*84.3 %*		*10-114*
18-51-0	*Surrogate: Terphenyl-d14*	*159 %*	S-08	*10-123*

Total Solids **Log-in Notes:** VOA-CONT **Sample Notes:**

mple Prepared by Method: % Solids Prep

CAS No	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
lids	% Solids	85.5		%	0.100	0.100	1	SM 2540G	12/22/2014 12:21	12/22/2014 18:31	KE

Sample Information

Client Sample ID: North Well

York Sample ID: 14L0817-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

olatile Organics, CP-51 (formerly STARS) List **Log-in Notes:** VOA-CONT **Sample Notes:**

mple Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 12:08	SS

Sample Information

Client Sample ID: North Well **York Sample ID:** 141.0817-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
141.0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Semi-Volatiles, CP-51 (formerly STARS) List **Log-in Notes:** VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	43	J	ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:52	KB
129-00-0	Pyrene	87		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:52	KB

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*52.3 %*	*10-119*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*50.8 %*	*10-114*
1718-51-0	*Surrogate: Terphenyl-d14*	*73.5 %*	*10-123*

Total Solids **Log-in Notes:** VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Solids	% Solids	85.1		%	0.100	0.100	1	SM 2540G	12/22/2014 12:21	12/22/2014 18:31	KK

Sample Information

Client Sample ID: Excavation Well **York Sample ID:** 141.0817-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
141.0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Volatile Organics, CP-51 (formerly STARS) List **Log-in Notes:** VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
108-88-3	Toluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS

Sample Information

Client Sample ID: North Well

York Sample ID: 14L0817-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
526-73-8	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*142 %*	S-08	*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*117 %*		*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*112 %*		*85-120*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
120-12-7	Anthracene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
56-55-3	**Benzo(a)anthracene**	51		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
50-32-8	**Benzo(a)pyrene**	65		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
205-99-2	**Benzo(b)fluoranthene**	73		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
191-24-2	**Benzo(g,h,i)perylene**	46	CCV-E, J	ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
207-08-9	**Benzo(k)fluoranthene**	58		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
218-01-9	**Chrysene**	74		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
206-44-0	**Fluoranthene**	130		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
86-73-7	Fluorene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	43	CCV-E, J	ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
91-20-3	Naphthalene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14L0817-01	South Well	40mL 01_Clear Vial Cool to 4° C
14L0817-02	East Well Foundation	40mL 01_Clear Vial Cool to 4° C
14L0817-03	West Well	40mL 01_Clear Vial Cool to 4° C
14L0817-04	North Well	40mL 01_Clear Vial Cool to 4° C
14L0817-05	Excavation Well	40mL 01_Clear Vial Cool to 4° C

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Notes and Definitions

VOA-CONT	NON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements
S-08	The recovery of this surrogate was outside of QC limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

---

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 14L0817

YOUR Information

Company: Elite Environmental Svc.
Address: 14 Mollis Spy Dr.
Putnam Valley NY 10579
Phone No. 845-528-0370
Contact Person: Lisa
E-Mail Address: Elite.pavll2@optimum.net

Report To:

Company: S M C
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company: S M C
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

427 Highland Ave

Purchase Order No.

Samples from: CT ___ NY ✓ NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☑

Report Type

- Summary Report ____
- Summary w/ QA Summary ____
- CT RCP Package ____
- CTRCP DQA/DUE Pkg ____
- NY ASP A Package ____
- NY ASP B Package ____
- NJDEP Red. Deliv. ____

Electronic Data Deliverables (EDD)

- Simple Excel ____
- NYSDEC EQuIS ____
- EQuIS (std) ____
- EZ-EDD (EQuIS) ____
- NJDEP SRP HazSite EDD ____
- GIS/KEY (std) ____
- Other ____
- York Regulatory Comparison
- Excel Spreadsheet ____

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes

S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
South Wall	12/18/14	S	Stars	4oz glass
East Wall Foundation	12/18/14	S	Stars	" "
West Wall	12/18/14	S	Stars	" "
North Wall	12/18/14	S	Stars	" "
Excavation Bottom	12/18/14	S	Stars	" "

Comments

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 12/18/14
Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 12-9-14 14:00
Samples Received in LAB by — Date/Time: 12/19/14 16:25

Temperature on Receipt: 4.1 °C

ELITE ENVIRONMENTAL SERVICES, INC.

Closure Report

NYSDEC Spill Number: 1408577
PBS Number: 3-800121

Property Location:
427 Highland Avenue
Peekskill, NY 10566

Prepared For:
White Plains Linen
Bruce Botchman
427 Highland Avenue
Peekskill, NY 10566

City of Peekskill
Building Department
840 Main Street
Peekskill, New York 10566

Westchester County Department of Health
Office of Environmental Risk Control
145 Huguenot Street
New Rochelle, New York 10801

Date: January 5, 2015

14 Morrissey Drive
Putnam Valley, New York 10579
1.845.528.0370

ELITE ENVIRONMENTAL
& TANK TESTING
SERVICES

14 Morrissey Drive
Putnam Valley, NY 10579
Tel: 845-528-0370

"WHERE PERFECTION RUNS DEEP"

427 Highland Avenue
Peekskill, NY 10566

NYSDEC Spill Number: 1408577
PBS Number: 3-800121

REPORT PREPARED AND PRESENTED BY:

Paula Hilyer
Administrator
Report Preparation

Paula Hilyer 5/11/17
Signature and Date

Raymond Hilyer
Project Supervisor
Report Review

5/11/17
Signature and Date

TABLE OF CONTENTS

EXECUTIVE SUMMARY	1
1.0 INTRODUCTION	2
2.0 BACKGROUND	2
3.0 SUMMARY OF ACTIVITIES	2
3.1 Underground Storage Tank Excavation	2
3.2 Post-Excavation Soil Sampling	3
3.3 Post-Excavation Soil Sample Laboratory Analytical Results	4
4.0 CONCLUSIONS AND RECOMMENDATIONS	5
5.0 DISCLAIMER	6

APPENDIX A	General Location Map
APPENDIX B	Liquid Disposal Manifest
APPENDIX C	Tank Recycling Receipt
APPENDIX D	Site Diagram
APPENDIX E	Tank Bottom Soil Sample Laboratory Analytical Results
APPENDIX F	Hazardous Waste Manifest
APPENDIX G	Post-Excavation Soil Sample Laboratory Analytical Results

Executive Summary

On behalf of Mr. Bruce Botchman, Elite Environmental Services, Inc. ("Elite") directed the tank removal activities at 427 Highland Avenue in Peekskill, New York ("site property"). See **Appendix A** for General Location Map. This work was performed to investigate and remediate New York State Department of Environmental Conservation ("NYSDEC") Spill # 1408577 that was reported at the site property on November 20, 2014, during an underground oil storage tank removal.

OBJECTIVE:

Elite's objective was to i.) properly remove and dispose of the underground storage tank; ii.) determine the extent, if any, of petroleum impacted soils, resultant from the underground storage tank; iii.) once defined, remove and dispose of contaminated soils in excess of *New York* State Department of Conservation ("NYSDEC") *Spill Technology and Remediation Series (STARS) Memo # 1: Petroleum-Contaminated Soil Guidance Policy and/or Division Technical and Administrative Guidance Memorandum (TAGM): Determination of Soil Cleanup Objective and Cleanup Levels,* and; iv.) provide project management to ensure that investigative remediation is performed consistent with NYSDEC requirements.

FINDINGS:

Based on our field screening observations and post-excavation laboratory analytical results, Elite concludes that all accessible petroleum-contaminated soils were removed and properly disposed of at a soil recycling facility.

RECOMMENDATIONS:

Elite recommends spill # 1408577 be closed and removed from the NYSDEC list of active petroleum spills, as the site conditions present no threat to human health or the environment. This report presents a summary of all field activities conducted as part of the investigation and includes laboratory analytical.

1.0 INTRODUCTION

Elite performed a tank removal and limited site assessment activities at 427 Highland Avenue in Peekskill, New York. The objective was to i.) determine the extent, if any, of petroleum impacted soils, resultant from the underground storage tank; ii.) once defined, remove and dispose of contaminated soils in excess of New York State Department of Conservation ("NYSDEC") Spill Technology and Remediation Series (STARS) Memo # 1: Petroleum-Contaminated Soil Guidance Policy and/or Division Technical and Administrative Memorandum (TAGM): Determination of Soil Cleanup Objective and Cleanup Levels, and: iii.) provide project management to ensure that investigative remediation is performed consistent with NYSDEC requirements.

2.0 BACKGROUND

A spill was reported to the NYSDEC on November 20, 2014, when Elite was at the above-mentioned property to remove a 1000 gallon Underground Storage Tank ("UST"). Upon inspection of the UST, pitting and one large hole approximately ¼" in diameter were observed. Contaminated soil below the tank was also observed.

3.0 SUMMARY OF ACTIVITIES

3.1 Underground Storage Tank Excavation

On November 20, 2014, Elite Environmental Services, Inc. ("Elite") representatives were on-site to perform and direct the removal of a 1000 gallon underground storage tank on the site property. Elite was on-site to perform the excavation and remove the tank for transportation and proper disposal. The tank was uncovered, and an opening was cut in the tank in order to remove all remaining liquids in the tank. Enviro Waste Oil Recovery, LLC was on-site to remove the liquids via environmental vacuum truck. The tank was found empty. **See Appendix B** for Liquid Disposal Manifest. An excavator was used to remove the soil surrounding the tank and the tank was removed from the ground and placed on the floor adjacent to the excavation for inspection. The tank was properly removed from the site property by Elite and brought to Brookfield Scrap Metals, Inc. for recycling. **See Appendix C** for Tank Recycling Receipt. The property was surveyed for additional underground storage tanks and none were found.

3.2 Post-Excavation Soil Sampling

Elite field personnel collected post-excavation soil samples to determine the extent, if any, of contamination in the site excavation. Samples were collected with disposable trowels to preclude any cross-contamination. Field personnel collected samples with sterile gloves, which were discarded following each collection. The samples were field screened using a Mini Rae Photo Ionization Detector to provide a direct reading of the concentration of volatile organic vapors in the sample reported in ppm.

Trace gas analysis of soil in the field were performed as a gross assessment of potential contamination with a portable Mini Rae 2000 Photoionization Detector ("PID"). The PID provides a direct reading of the concentration of volatile organic gases in the sample in ppm. Immediately following collection, each sample was transferred to a glass container. The open container was sealed with clear plastic wrap and agitated to break apart the soil and distribute gases. The probe of PID was inserted through the plastic into the confined headspace of the jar and readings were recorded and compared to ambient background levels. This field screening method provides a relative concentration of VOCs that is useful for a quick comparison of samples. A higher needle deflection or ppm reading on the instrument indicates a higher concentration of VOCs.

A total of five soil samples were collected, one from each wall and the center floor of the excavation, (N, S, E, W, and CF) on November 20, 2014. **See Appendix D** for Site Diagram. These samples were field screened and contamination was observed in the excavation.

A sample was properly extracted from the excavation, labeled and submitted to a New York State Department of Health certified laboratory (#10854) for analysis by the following method: i.) USEPA Method 8015B for the detection of Diesel range Organics, as requested by the soil recycling facility. The sample analytical results were 667 ppm. **See Appendix E** for a complete listing of the Tank Bottom Soil sample Analytical Results.

Due to precipitation accumulation in the open excavation and visible oil sheen, Groundwater was properly removed and transported to a recycling facility for disposal. On December 17, 2014, Enviro Waste Oil Recovery, LLC was on-site to remove 1300 gallons of oily water via environmental vacuum truck. **See Appendix B** for Liquid Disposal Manifests. Contaminated soil was properly transported off the site property on December 16 and December 17, 2014. Approximately 37.71 tons of contaminated soil were properly transported and disposed at Deep Green of New York, Inc. **See Appendix F** for Hazardous Waste Manifest. Following the removal of contaminated soil from underneath and surrounding the removed UST, the excavation was backfilled and raked to grade.

EPA Method	Sample Location	Sample Label	Sample Depth	Analyte	Results (ppb)	NYSDEC Tagm Value (ppb)
8260	East Wall	East wall foundation	7-8 feet	Naphthalene	6.2	12,000
8270	East Wall	East wall foundation	7-8 feet	Anthracene	250	100,000
				Benzo(a)anthracene	950	1,000
				Benzo(a)pyrene	630	1,000
				Benzo(b)fluoranthene	580	1,000
				Benzo(g,h,i)perylene	290	100,000
				Benzo(k)fluoranthene	660	800
				Chrysene	1,000	1,000
				Dibenzo(a,h)anthracene	180	330
				Fluoranthene	2,300	100,000
				Indeno(1,2,3-cd)pyrene	290	500
				Phenanthrene	1,500	100,000
				Pyrene	1,600	100,000
8260	West Wall	West wall	9-10 feet	Naphthalene	5.8	12,000
8270	West Wall	West wall	9-10 feet	Acenaphthene	2,000	20,000
				Anthracene	4,100	100,000
				Benzo(a)anthracene	**5,300**	1,000
				Benzo(a)pyrene	**1,400**	1,000
				Benzo(b)fluoranthene	**2,000**	1,000
				Benzo(g,h,i)perylene	750	100,000
				Benzo(k)fluoranthene	**2,200**	800
				Chrysene	**4,100**	1,000
				Dibenzo(a,h)anthracene	**440**	330
				Fluoranthene	9,600	100,000
				Fluorene	2,000	30,000
				Indeno(1,2,3-cd)pyrene	**800**	500
				Naphthalene	460	12,000
				Phenanthrene	9100	100,000
				Pyrene	8800	100,000

ND-Non Detect **Bold**-indicates levels above NYSDEC standards NA – Not Available

No volatile organic compounds exceeding the NYSDEC TAGM values were detected in any of the post-excavation soil samples collected from the excavation. Semi-volatile compounds were found exceeding the NYSDEC TAGM values from the west wall. All accessible contaminated soil was removed, due to the location of the excavation, adjacent to the street and underground utilities,

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the post-excavation laboratory analytical results, and our field screening observations, Elite concludes that all accessible petroleum-contaminated soils due to the leaking tank system were removed from the site property and properly transported and disposed. Elite recommends that spill # 1408577 be closed and removed from the NYSDEC list of active petroleum spills, as site conditions present no threat to human health or the environment.

5.0 DISCLAIMER

The environmental consultant that reviewed and/or performed the investigation located at 427 Highland Avenue in Peekskill, New York, is a professional with education and training in the environmental field. This report, compiled by Elite Environmental, Inc. conforms to commonly recognized protocols within the environmental consulting field. Our reports are limited to availability of observations and soil samples collected on the date of the tank excavation. Elite cannot guarantee that the entire site or parts thereof are completely free of contaminants.

APPENDIX A

General Location Map

APPENDIX B

Liquid Disposal Manifest

ENVIRO WASTE OIL RECOVERY, LLC
279 Route 6 • P.O. Box 747
Mahopac, NY 10541
Ph: (845) 279-0263
Fax: (845) 621-3075

Enviro Waste

Oil Recovery Specialists

1-866-WASTE-OIL

Sales Order Number 258695
Sales Order Date 12/17/14
Page: VOIDED

SOLD TO:

ELITE ENVIRONMETAL
14 MORRISSEY DR
PUTNAM VALLEY, NY 10579

SHIP TO:

ELITE ENVIRO- JOB SITE
427 HIGHLAND AVENUE
PEEKSKILL, NY 10566

TM 1/9

CUSTOMER ID	PO NUMBER	SALES REP NAME
2215-563	OC	AD
CUSTOMER CONTACT	**SHIPPING METHOD**	**PAYMENT TERMS**
845-526-3170		NET 10

DESIGNATED FACILITY ENVIRO WASTE OIL RECOVERY STATE ID NO

ADDRESS 279 RT 6, MAHOPAC, NY 10541 USA EPA ID NO NYD044825636

QUANTITY	ITEM	DESCRIPTION	UNIT COST	TOTAL
1300	710	OILY WATER DISPOSAL		
	721	USED OIL DISPOSAL-OFF SPEC		
	742	SLUDGE DISPOSAL/TANK BOTT		
1	746	VAC SERVICE		
3 HOURS	748	VAC TRUCK HOURLY RATE		
		VAC OUT 1000G WATER 12/17 @ 3 30AM		
			Subtotal	
			Sales Tax (8.00%)	
			Total	
		A/F W/W FILTERS	W/O	W/A/F

CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT SECTION. INVOICES REFLECTING CHARGES ARE SUBJECT TO AN INTEREST RATE OF THE LESSER OR 1-1/2% PER MONTH (18% PER ANNUM) OR THE MAXIMUM RATE ALLOWED BY LAW ON ANY INVOICES THAT ARE NOT PAID WITHIN 30 DAYS. IN THE EVENT OF DEFAULT, ENVIRO WASTE SHALL BE ENTITLED TO RECOVER COSTS OF COLLECTION, INCLUDING REASONABLE ATTORNEY'S FEES. INITIAL

USEPA TRANSPORTER 1 ID NO	GENERATOR USEPA ID NO	GENERATOR STATE ID NO	EMERGENCIES: (866) 927-8364	S
NYD044825636				

US DOT DESCRIPTION	CONTAINERS NO	CONTAINERS TYPE	TOTAL QUANTITY	PAT WT/VOL
USED OIL, NON REGULATED, (NOT US D O T HAZARDOUS MATERIAL)				
PETROLEUM CONTAMINATED WATER, NON D O T, NON R C R A				
PETROLEUM CONTAMINATED SLUDGE, NON D O T, NON R C R A				

GENERATOR WARRANTS AND REPRESENTS THAT THE MATERIALS PROVIDED HEREUNDER ARE NOT MIXED, COMBINED, OR OTHERWISE BLENDED IN ANY QUANTITY WITH MATERIALS CONTAINING POLYCHLORINATED BIPHENYLS (PCB) OR ANY OTHER MATERIAL DEFINED AS HAZARDOUS WASTE UNDER APPLICABLE LAWS, INCLUDING BUT NOT LIMITED TO 40 CFR PART 261. GENERATOR AGREES TO INDEMNIFY AND HOLD ENVIRO WASTE HARMLESS FOR ANY DAMAGES, COSTS, ATTORNEY'S FEES, ETC. ARISING OUT OF OR IN ANY WAY RELATED TO A BREACH OF THE ABOVE WARRANTY BY THE GENERATOR.

ENVIRO WASTE, ITS AGENTS AND CONTRACTORS HAVE THE CAPACITY AND ARE AUTHORIZED AND PERMITTED IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS, TO TRANSPORT, ACCEPT, STORE, RECLAIM OR AND/OR DISPOSE OF THE WASTE LISTED ON THIS DOCUMENT.

GENERATOR CERTIFIES THAT THE WASTE IS ☐ USED OIL ☐ USED ANTI FREEZE ☐ OILY WATER ☐ OTHER

I CERTIFY THAT MY TOTAL WASTE STREAMS ARE WITHIN ONE OF THE FOLLOWING CATEGORIES

0 TO 220 LBS / MONTH
INITIALS

220 LBS TO 2,200 LBS / MONTH
INITIALS

GREATER THAN 2,200 LBS / MONTH
INITIALS

PRINT NAME SIGN

SIGNATURE GENERATOR/CUSTOMER DATE

DEXSIL CDT TEST RESULTS
PPM 21.47

ENVIRO WASTE OIL RECOVERY, LLC
279 Route 6 • P.O. Box 747
Mahopac, NY 10541
Ph (845) 279-0263
Fax: (845) 621-3075

Enviro Waste

Oil Recovery Specialists

1-866-WASTE-OIL

Sales Order Number: 255319
Sales Order Date: 11/20/14
Page: VCTHR

SOLD TO:
[illegible]ONMETAL
M[illegible]RRI[illegible]EY DR
PUTNAM VALLEY NY [illegible]05

SHIP TO:
ELITE ENVIRO- JOB SITE
427 HIGHLAND AVENUE
PEEKSKILL, NY 10566

CUSTOMER ID	PO NUMBER	SALES REP NAME
5[illegible]	[illegible]C	AD
CUSTOMER CONTACT	**SHIPPING METHOD**	**PAYMENT TERMS**
[illegible]0370		NET 10

DESIGNATED FACILITY ENVIRO WASTE OIL COMPANY — STATE ID NO
ADDRESS 279 RT 6 MAHOPAC — USA EPA ID NO NYD044825636

QUANTITY	ITEM	DESCRIPTION	UNIT COST	TOTAL
	100	OILY WATER DISPOSAL		
	741	USED OIL DISPOSAL-OFF/SPEC		
		SLUDGE DISPOSAL TANK BOTT		
		VAC SERVICE		
		VAC TRUCK HOURLY RATE		
10 00		VAC OUT THRS 11/20 @ 114M		
10 00		Nothing on Tank	Subtotal	
			Sales Tax (0.00%)	
			Total	

A/F _____ W/W _____ FILTERS _____ W/O _____ W/A/F _____

CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT SECTION. INVOICES REFLECTING CHARGES ARE SUBJECT TO AN INTEREST RATE OF THE LESSER OR 1-1/2% PER MONTH (18% PER ANNUM) OR THE MAXIMUM RATE ALLOWED BY LAW ON ANY INVOICES THAT ARE NOT PAID WITHIN 30 DAYS. IN THE EVENT OF DEFAULT, ENVIRO WASTE SHALL BE ENTITLED TO RECOVER COSTS OF COLLECTION, INCLUDING REASONABLE ATTORNEY'S FEES. INITIAL _____

USEPA TRANSPORTER 1 ID NO	GENERATOR USEPA ID NO	GENERATOR STATE ID NO	EMERGENCIES: (866) 927-8354	$
NYD044825636				

US DOT DESCRIPTION	CONTAINERS NO.	CONTAINERS TYPE	TOTAL QUANTITY	UNIT WT./VOL.
USED OIL NON REGULATED (NOT US D O T HAZARDOUS MATERIAL)				
PETROLEUM CONTAMINATED WATER NON D.O.T. NON R C R A				
PETROLEUM CONTAMINATED SLUDGE NON D.O.T. NON R C R A				

GENERATOR WARRANTS AND REPRESENTS THAT THE MATERIALS PROVIDED ENVIRO WASTE HEREUNDER HAVE NOT BEEN MIXED, COMBINED, OR OTHERWISE BLENDED IN ANY QUANTITY WITH MATERIALS CONTAINING POLYCHLORINATED BIPHENYLS (PCB) OR ANY OTHER MATERIAL DEFINED AS HAZARDOUS WASTE UNDER APPLICABLE LAWS, INCLUDING BUT NOT LIMITED TO 40 CFR PART 261. GENERATOR AGREES TO INDEMNIFY AND HOLD ENVIRO WASTE HARMLESS FOR ANY DAMAGES, COSTS, ATTORNEY'S FEES, ETC. ARISING OUT OF OR IN ANY WAY RELATED TO A BREACH OF THE ABOVE WARRANTY BY THE GENERATOR.

ENVIRO WASTE, ITS AGENTS AND CONTRACTORS HAVE THE CAPACITY AND ARE AUTHORIZED AND PERMITTED IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS TO TRANSPORT, ACCEPT, STORE, RECLAIM OR AND OR DISPOSE OF THE WASTE LISTED ON THIS DOCUMENT.

GENERATOR CERTIFIES THAT THE WASTE IS ☐ USED OIL ☐ USED ANTI FREEZE ☐ OILY WATER ☐ OTHER _____

I CERTIFY THAT MY TOTAL WASTE STREAMS ARE WITHIN ONE OF THE FOLLOWING CATEGORIES

☐ 0 TO 220 LBS/MONTH
INITIALS _____

☐ 220 LBS TO 2,200 LBS/MONTH
INITIALS _____

☐ GREATER THAN 2,200 LBS/MONTH
INITIALS _____

N[illegible] Water

PRINT NAME _____ TITLE _____

SIGNATURE _____ DATE _____

GENERATOR/CUSTOMER

DEXSIL CDT TEST RESULTS

PPM _____

APPENDIX C

Tank Recycling Receipt

PAYMENT RECEIPT

Brookfield - Montrose Operations
2105 Albany Post Road//8AM TO 4PM M-F
Montrose, NY 10548
914-930-1626

Receipt: 0179112 **Date:** 12/17/2014
Customer: 29514 **Time:** 12 19

ELITE ENVIRONMENTAL & TANK
RAY HILYER
14 MORRISSEY AVE
NY 10599

Ticket: 181531 **Weigh In:** 12/17/2014 12 16
Operator: 911 **Weigh Out:** 12/17/2014 12 19

All weights in pounds. M indicates manual weight

Commodity	Gross	Tare	Net	Price	TOTAL $
# 1 Unprepared	18320 M	17320 M	1000	5 150/CW	551 50
				Ticket Total	$51.50

# of Tickets: 1

Paid by CASH

Total Paid	$52 00

NOT RESPONSIBLE FOR TIRES & VEHICLE DAMAGE

Let Us Know How We're Doing
(info@brookfieldco.com)

APPENDIX D

Site Diagram

TO BE KEPT ON THE WORK

CITY OF PEEKSKILL
DEPARTMENT OF PUBLIC WORKS
BUILDING DEPT.
Municipal Building, Peekskill, N.Y.

12450

PERMIT

TANK

Fee 200.-
CK#6535

Permission is hereby granted To Remove (1) 550 GAL UST

Location IN CITY SIDEWALK NEAR THE SOUTH WEST CORNER OF BLDG.

Owner WHITE PLAINS LINEN Address 6 JOHN WALSH BLVD. PEEKSKILL

Contractor ELITE ENVIRONMENTAL Address 14 MORRISSEY DR. PUTNAM VALLEY, NY

Dimensions (overall) 550 GAL Materials STEEL

Foundations
- Thickness below grade ..... Materials below grade .....
- Thickness above grade ..... Materials above grade .....

Footings: Dimensions ..... Depth below grade ..... ft. ..... in.

Thickness of

	1st	2nd	3rd	4th	5th	6th
Outside Walls						
Division Walls						

Stories High ..... Distance from Street line .....

Kind of Roof ..... Material of Roof .....

Size of joists 1st 2nd 3rd 4th 5th 6th

Special Conditions Permit Issued As Per Notes On Plan By Bldg. Dept

Date of issue Nov 5 20 14 Expiration date Nov 5 20 15

PLEASE CALL 734-4143 FOR INSPECTION APPOINTMENT.

Director of Public Works

This permit is granted upon the express condition that every person acting under same shall conform to the representations of the application thereof as well as all Building, Zoning and other Ordinances of the City of Peekskill and Statutes of this State. This permit must be kept on the work to which it applies at all times during working hours, and may be revoked at any time for a breach of its conditions.

Westchester gov.com

Robert P. Astorino
County Executive

Westchester County Department of Health
Office of Environmental Health/Risk Control
145 Huguenot Street
New Rochelle, NY 10801
Telephone: 914 8[illegible]
24-hour Emergency Phone: 9[illegible]

PETROLEUM BULK STORAGE
WORK PERMIT

In accordance with Articles XXV and XXVI of the Westchester County Sanitary Code, this work permit grants permission to modify the referenced Petroleum Bulk Storage facility in the manner listed below

FACILITY	CONTRACTOR (responsible for PBS compliance and environmental assessment)
PBS No. 3-800121 HIGHLAND LIGHT STEAM LAUNDRY/WHITE PLAINS LINEN 411-427 Highland Avenue Peekskill, NY 10566 Contact: Leon Labonia Telephone: (914) 804-4753	Elite Environmental Services 14 Morrissey Drive PUTNAM VALLEY, NY 10579 Contact: Lisa Telephone: (845) 528-0370

WORK TO BE PERFORMED

Type of Work	Tank ID	Capacity	Product
Remove tank	005	1000	1. No. 2 fuel oil

1. THAT this permit is valid for 90 days from issue date
2. THAT the petroleum bulk storage tank(s) and/or piping shall be installed in accordance with Chapter 873, Articles XXV and XXVI respectively of the Laws of Westchester County NY
3. THAT the facility owner and contractor shall be responsible for the proper installation of the petroleum bulk storage tank(s) and/or piping in accordance with Chapter 873, Articles XXV and XXVI respectively, of the Laws of Westchester County NY.
4. THAT any changes or modifications to the Petroleum Bulk Storage Work Permit require filing an application and obtaining a revised work permit prior to such changes.
5. THAT upon installation of the petroleum bulk storage tank(s) and/or piping, the tank(s) shall remain out of service until such time as a Bulk Storage Operating Certificate is issued by the department or its agent, and an "as built" plan prepared by professional engineer or registered architect in the State of New York is filed with the department in accordance with Chapter 873, Articles XXV and XXVI, respectively, of the Laws of Westchester County NY

Issued by:	Westchester County Department of Health Sherlita Amler, M.D. Commissioner of Health	Issue Date 12/02/2014	Expiration Date 02/02/2015

APPENDIX E

Tank Bottom Soil Sample
Laboratory Analytical Results

Technical Report

prepared for:

Elite Environmental Inc.
14 Morrissey Drive
Putnam Valley NY, 10579
Attention: Willie Silsdorf

Report Date: 11/24/2014
Client Project ID: 427 Highland Ave
York Project (SDG) No.: 14K0768

CT Cert No. PH-0723 New Jersey Cert No. CT005 NELAP ACCREDITED TNI LABORATORY New York Cert No. 10854 PA Cert No. 68-01701

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 11/24/2014
Client Project ID: 427 Highland Ave
York Project (SDG) No.: 14K0768

Elite Environmental Inc.
14 Morrissey Drive
Putnam Valley NY, 10579
Attention: Willie Silsdorf

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 21, 2014 and listed below. The project was identified as your project: **427 Highland Ave**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14K0768-01	Tank Bottom	Soil	11/20/2014	11/21/2014

General Notes for York Project (SDG) No.: 14K0768

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Date: 11/24/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: Tank Bottom

York Sample ID: 14K0768-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14K0768	427 Highland Ave	Soil	November 20, 2014 3:00 pm	11/21/2014

Volatile Organics, 8260 Halogenated List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
108-86-1	Bromobenzene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
75-25-2	Bromoform	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
74-83-9	Bromomethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
75-00-3	Chloroethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
67-66-3	Chloroform	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
74-87-3	Chloromethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
74-95-3	Dibromomethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:57	SS

Sample Information

Client Sample ID: Tank Bottom

York Sample ID: 14K0768-01

York Project (SDG) No	Client Project ID	Matrix	Collection Date/Time	Date Received
14K0768	427 Highland Ave	Soil	November 20, 2014 3:00 pm	11/21/2014

Volatile Organics, 8260 Halogenated List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:55	SS
75-09-2	Methylene chloride	ND		ug/kg dry	1400	2700	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:55	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:55	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:55	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:55	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	97.9 %	77-125
460-00-4	*Surrogate: p-Bromofluorobenzene*	83.6 %	76-130
2037-26-5	*Surrogate: Toluene-d8*	104 %	85-120

Volatile Organics, Benzene

Log-in Notes: VOA-CONT **Sample Notes:** Rep-04

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	680	1400	250	EPA 8260C	11/24/2014 08:21	11/24/2014 12:55	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	97.9 %	77-125
460-00-4	*Surrogate: p-Bromofluorobenzene*	83.6 %	76-130
2037-26-5	*Surrogate: Toluene-d8*	104 %	85-120

Polychlorinated Biphenyls (PCB)

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A	11/21/2014 18:19	11/24/2014 10:45	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A	11/21/2014 18:19	11/24/2014 10:45	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A	11/21/2014 18:19	11/24/2014 10:45	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A	11/21/2014 18:19	11/24/2014 10:45	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A	11/21/2014 18:19	11/24/2014 10:45	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A	11/21/2014 18:19	11/24/2014 10:45	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A	11/21/2014 18:19	11/24/2014 10:45	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A	11/21/2014 18:19	11/24/2014 10:45	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	52.5 %	30-140
2051-24-3	*Surrogate: Decachlorobiphenyl*	55.5 %	30-140

Sample Information

Client Sample ID: Tank Bottom

York Sample ID: 14K0768-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14K0768	427 Highland Ave	Soil	November 20, 2014 3:00 pm	11/21/2014

Metals, RCRA

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.97		mg/kg dry	1.08	1.08	1	EPA 6010C	11/24/2014 10:46	11/24/2014 12:45	AMC
7440-39-3	Barium	35.8		mg/kg dry	1.08	1.08	1	EPA 6010C	11/24/2014 10:46	11/24/2014 12:45	AMC
7440-43-9	Cadmium	1.60		mg/kg dry	0.325	0.325	1	EPA 6010C	11/24/2014 10:46	11/24/2014 12:45	AMC
7440-47-3	Chromium	7.76		mg/kg dry	0.542	0.542	1	EPA 6010C	11/24/2014 10:46	11/24/2014 12:45	AMC
7439-92-1	Lead	58.9		mg/kg dry	0.325	0.325	1	EPA 6010C	11/24/2014 10:46	11/24/2014 12:45	AMC
7782-49-2	Selenium	4.54		mg/kg dry	1.08	1.08	1	EPA 6010C	11/24/2014 10:46	11/24/2014 12:45	AMC
7440-22-4	Silver	ND		mg/kg dry	0.542	0.542	1	EPA 6010C	11/24/2014 10:46	11/24/2014 12:45	AMC

Mercury by 7473

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0325	0.0325	1	EPA 7473	11/24/2014 09:51	11/24/2014 15:07	MEB

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.2		%	0.100	0.100	1	SM 2540G	11/24/2014 09:28	11/24/2014 16:50	SLA

Total Petroleum Hydrocarbons

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total Petroleum Hydrocarbons	667		mg/kg dry	108	108	1	EPA 1664A	11/24/2014 10:45	11/25/2014 15:30	AMC

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14K0768-01	Tank Bottom	40mL 01 Clear Vial Cool to 4° C

Notes and Definitions

VOA-CONTNON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A
Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846-5035A requirements

Rep-04 The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits

M-I SRD Original sample conc <50 X reporting limit

---

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias
Non-Dir	Non-dir flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatography inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

Field Chain-of-Custody Record

YOUR Information | Report To: | Invoice To | YOUR Project ID | Turn-Around Time | Report Type

Purchase Order No

Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Sample Identification	Date Sampled	Time Sampled	Sample Matrix	Check Analyses Needed from the Menu Above or Under Below

APPENDIX F

Hazardous Waste Manifest

SOIL TRACKING FORM

Deep Green of New York, Inc.

TRACKING FORM NO. (GIVEN BY DEEP GREEN)

DATE OF SHIPMENT	RESPONSIBLE FOR PAYMENT	PART 364 VEHICLE PLATE NO.	FACILITY NO.	JOB NO.	LOAD NO.
[illegible]	ELITE ENVIROMENTAL		B06	DG100748	

GENERATOR NAME AND BILLING ADDRESS

WHITE PLAINS LINEN
427 HIGHLAND AVENUE
Peekskill, 10566

GENERATOR PHONE NO.

GENERATOR CONTACT

GENERATOR FAX NO.

CUSTOMER ACCT. NO. WITH DEEP GREEN

CONSULTANT NAME AND BILLING ADDRESS

ELITE ENVIROMENTAL
14 MORRISSEY DRIVE
PUTNAM VALLEY, NY10579

CONSULTANT PHONE NO.
845-528-0370

CONSULTANT CONTACT

CONSULTANT FAX NO.
914-528-0375

CUSTOMER ACCT. NO. WITH DEEP GREEN

GENERATION SITE (TRANSPORT FROM) NAME AND ADDRESS

WHITE PLAINS LINEN
427 HIGHLAND AVENUE
Peekskill, 10566

SIT PHONE NO.

SITE CONTACT

SITE FAX NUMBER

PCS PROCESSING FACILITY (TRANSPORT TO) NAME AND ADDRESS

DEEP GREEN OF NEW YORK, INC.
1106 RIVER ROAD
NEW WINDSOR, NY 12553

FACILITY PHONE NO.
845-562-8778

PART 360 PERMIT NO.
3-3348-00150-00001-Q

FACILITY CONTACT
Amy Kane

FACILITY FAX NO.
845-562-9566

TRANSPORTER NAME AND ADDRESS
ELITE ENVIROMENTAL
14 MORRISSEY DRIVE
PUTNAM VALLEY, NY10579
Permit No.: 3A-721

TRANSPORTER PHONE NO.
845-528-0370

TRANSPORTER PART 384 PERMIT NO.
3A-721

TRANSPORTER CONTACT

TRANSPORTER DOT NO.

TRANSPORTER FAX NO.
914-528-0375

CUSTOMER ACCT. NO. WITH DEEP GREEN

MATERIAL TESTING
(CHECK APPROPRIATE BOXES FOR TESTS CONDUCTED)

- ☐ TOTAL PETROLEUM HYDROCARBONS
- ☐ BENZENE (TOTAL) ☐ BENZENE (TCLP)
- ☑ LEAD (TOTAL) ☐ LEAD (TCLP)
- ☐ BENZENE/TOLUENE/ETHYL BENZENE/XYLENE
- ☐ METHYL T-BUTYL ETHER (MTBE)
- ☑ HALOGENATED VOLATILE ORGANICS
- ☑ HEAVY METALS (TOTAL) ☐ HEAVY METALS (TCLP)
- ☐ OTHER *(PLEASE LIST).*

DESCRIPTION OF DELIVERY	GROSS WEIGHT (TONS)	TARE WEIGHT (TONS)	NET WEIGHT (TONS)
NON HAZARDOUS PETROLEUM	26.13	19.07	7.06
CONTAMINATED SOIL			

GENERATOR'S AND/OR CONSULTANT'S CERTIFICATION: I CERTIFY THAT THE SOIL REFERENCED HEREIN IS TAKEN ENTIRELY FROM THOSE SOILS DESCRIBED IN THE GENERATOR WASTE PROFILE SHEET COMPLETED AND CERTIFIED BY ME FOR THE GENERATION SITE SHOWN ABOVE AND NOTHING HAS BEEN ADDED OR DONE TO SUCH SOIL THAT WOULD ALTER IT IN ANY WAY. I HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT INFORMATION PROVIDED ON THIS DOCUMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT I HAVE THE AUTHORITY AS _____ (TITLE) OF _____ (ENTITY) TO SIGN THIS TRACKING DOCUMENT PURSUANT TO 6 NYCRR PART 360. I AM AWARE THAT ANY FALSE STATEMENT MADE HEREIN IS PUNISHABLE AS A CLASS A MISDEMEANOR PURSUANT TO SECTION 210.45 OF THE PENAL LAW.

PRINT OR TYPE NAME ☐ GENERATOR ☐ CONSULTANT	SIGNATURE	MONTH	DATE	YEAR

TRANSPORTER'S CERTIFICATION: I ACKNOWLEDGE RECEIPT OF THE SOIL DESCRIBED ABOVE AND CERTIFY THAT SUCH SOIL IS BEING DELIVERED IN EXACTLY THE SAME CONDITION AS WHEN RECEIVED. I FURTHER CERTIFY THAT THIS SOIL IS BEING DIRECTLY TRANSPORTED FROM THE GENERATION SITE TO THE PCS PROCESSING FACILITY WITHOUT OFF-LOADING ADDING TO, SUBTRACTING FROM OR IN ANY WAY DELAYING DELIVERY TO SUCH SITE.

PRINT OR TYPE NAME	SIGNATURE	MONTH	DATE	YEAR
		12	16	17

TRANSPORTER DISCREPANCY BOX *(ANY DISCREPANCIES IN THE TRANSPORTER NAME OR LOCATION, PCS PROCESSING NAME OR LOCATION, OR MATERIAL TESTING OR QUANTITY SHOULD BE NOTED HERE.)*

PCS PROCESSING FACILITY CERTIFIES THE RECEIPT OF THE SOIL COVERED BY THIS SOIL TRACKING FORM EXCEPT AS NOTED BELOW.

PRINT OR TYPE NAME	SIGNATURE	MONTH	DATE	YEAR
		12	16	17

PROCESSING FACILITY DISCREPANCY BOX *(ANY DISCREPANCIES IN ABOVE INFORMATION SHOULD BE NOTED HERE.)*

INSTRUCTIONS

1. GENERATOR COMPLETES ALL ITEMS IN GENERATOR AND/OR CONSULTANT BOXES, RETAINS COPY #4, AND GIVES REMAINING COPIES TO TRANSPORTER.
2. TRANSPORTER COMPLETES ALL ITEMS IN TRANSPORTER BOXES, RETAINS COPY #3, AND GIVES REMAINING COPIES TO THE PROCESSING FACILITY.
3. PROCESSING FACILITY COMPLETES ALL ITEMS IN PROCESSING FACILITY BOXES, RETAINS COPY #2, AND RETURNS COPY #1 TO THE GENERATOR WITHIN TWO (2) WEEKS.

TRANSPORTER COPY

SOIL TRACKING FORM

Deep Green of New York, Inc.

TRACKING FORM NO. (GIVEN BY DEEP GREEN)

DATE OF SHIPMENT	RESPONSIBLE FOR PAYMENT	PART 364 VEHICLE PLATE NO.	FACILITY NO.	JOB NO.	LOAD NO.
7/7/11	ELITE ENVIROMENTAL		B06	DG100748	

GENERATOR NAME AND BILLING ADDRESS

WHITE PLAINS LINEN
427 HIGHLAND AVENUE
Peekskill, 10566

GENERATOR PHONE NO.

GENERATOR CONTACT

GENERATOR FAX NO.

CUSTOMER ACCT. NO. WITH DEEP GREEN

CONSULTANT NAME AND BILLING ADDRESS

ELITE ENVIROMENTAL
14 MORRISSEY DRIVE
PUTNAM VALLEY, NY10579

CONSULTANT PHONE NO.
845-528-0370

CONSULTANT CONTACT

CONSULTANT FAX NO.
914-528-0375

CUSTOMER ACCT. NO. WITH DEEP GREEN

GENERATION SITE (TRANSPORT FROM) NAME AND ADDRESS

WHITE PLAINS LINEN
427 HIGHLAND AVENUE
Peekskill, 10566

SIT PHONE NO.

SITE CONTACT

SITE FAX NUMBER

PCS PROCESSING FACILITY (TRANSPORT TO) NAME AND ADDRESS

DEEP GREEN OF NEW YORK, INC.
1106 RIVER ROAD
NEW WINDSOR, NY 12553

FACILITY PHONE NO.
845-562-8778

PART 360 PERMIT NO.
3-3348-00150-00001-Q

FACILITY CONTACT
Amy Kane

FACILITY FAX NO.
845-562-9566

TRANSPORTER NAME AND ADDRESS

ELITE ENVIROMENTAL
14 MORRISSEY DRIVE
PUTNAM VALLEY, NY10579
Permit No.: 3A-721

TRANSPORTER PHONE NO.
845-528-0370

TRANSPORTER PART 384 PERMIT NO.
3A-721

TRANSPORTER CONTACT

TRANSPORTER DOT NO.

TRANSPORTER FAX NO.
914-528-0375

CUSTOMER ACCT. NO. WITH DEEP GREEN

MATERIAL TESTING
(CHECK APPROPRIATE BOXES FOR TESTS CONDUCTED)

- ☑ TOTAL PETROLEUM HYDROCARBONS
- ☐ BENZENE (TOTAL)
- ☐ BENZENE (TCLP)
- ☑ LEAD (TOTAL)
- ☐ LEAD (TCLP)
- ☐ BENZENE/TOLUENE/ETHYL BENZENE/XYLENE
- ☐ METHYL T-BUTYL ETHER (MTBE)
- ☐ HALOGENATED VOLATILE ORGANICS
- ☑ HEAVY METALS (TOTAL)
- ☐ HEAVY METALS (TCLP)
- ☐ OTHER *(PLEASE LIST)*:

DESCRIPTION OF DELIVERY	GROSS WEIGHT (TONS)	TARE WEIGHT (TONS)	NET WEIGHT (TONS)
NON HAZARDOUS PETROLEUM CONTAMINATED SOIL	21.7	8.11	13.62

GENERATOR'S AND/OR CONSULTANT'S CERTIFICATION: I CERTIFY THAT THE SOIL REFERENCED HEREIN IS TAKEN ENTIRELY FROM THOSE SOILS DESCRIBED IN THE GENERATOR WASTE PROFILE SHEET COMPLETED AND CERTIFIED BY ME FOR THE GENERATION SITE SHOWN ABOVE AND NOTHING HAS BEEN ADDED OR DONE TO SUCH SOIL THAT WOULD ALTER IT IN ANY WAY. I HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT INFORMATION PROVIDED ON THIS DOCUMENT IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT I HAVE THE AUTHORITY AS _____ (TITLE) OF _____ (ENTITY) TO SIGN THIS TRACKING DOCUMENT PURSUANT TO 6 NYCRR PART 360. I AM AWARE THAT ANY FALSE STATEMENT MADE HEREIN IS PUNISHABLE AS A CLASS A MISDEMEANOR PURSUANT TO SECTION 210.45 OF THE PENAL LAW.

PRINT OR TYPE NAME ☐ GENERATOR ☐ CONSULTANT	SIGNATURE	MONTH	DATE	YEAR

TRANSPORTER'S CERTIFICATION: I ACKNOWLEDGE RECEIPT OF THE SOIL DESCRIBED ABOVE AND CERTIFY THAT SUCH SOIL IS BEING DELIVERED IN EXACTLY THE SAME CONDITION AS WHEN RECEIVED. I FURTHER CERTIFY THAT THIS SOIL IS BEING DIRECTLY TRANSPORTED FROM THE GENERATION SITE TO THE PCS PROCESSING FACILITY WITHOUT OFF-LOADING ADDING TO, SUBTRACTING FROM OR IN ANY WAY DELAYING DELIVERY TO SUCH SITE.

PRINT OR TYPE NAME	SIGNATURE	MONTH	DATE	YEAR

TRANSPORTER DISCREPANCY BOX *(ANY DISCREPANCIES IN THE TRANSPORTER NAME OR LOCATION, PCS PROCESSING NAME OR LOCATION, OR MATERIAL TESTING OR QUANTITY SHOULD BE NOTED HERE.)*

PCS PROCESSING FACILITY CERTIFIES THE RECEIPT OF THE SOIL COVERED BY THIS SOIL TRACKING FORM EXCEPT AS NOTED BELOW.

PRINT OR TYPE NAME	SIGNATURE	MONTH	DATE	YEAR

PROCESSING FACILITY DISCREPANCY BOX *(ANY DISCREPANCIES IN ABOVE INFORMATION SHOULD BE NOTED HERE.)*

INSTRUCTIONS

1. GENERATOR COMPLETES ALL ITEMS IN GENERATOR AND/OR CONSULTANT BOXES, RETAINS COPY #4, AND GIVES REMAINING COPIES TO TRANSPORTER
2. TRANSPORTER COMPLETES ALL ITEMS IN TRANSPORTER BOXES, RETAINS COPY #3, AND GIVES REMAINING COPIES TO THE PROCESSING FACILITY.
3. PROCESSING FACILITY COMPLETES ALL ITEMS IN PROCESSING FACILITY BOXES, RETAINS COPY #2, AND RETURNS COPY #1 TO THE GENERATOR WITHIN TWO (2) WEEKS.

TRANSPORTER COPY

APPENDIX G

Post-Excavation Soil Sample Laboratory Analytical Results

Technical Report

prepared for:

Elite Environmental Inc.
14 Morrissey Drive
Putnam Valley NY, 10579
Attention: Willie Silsdorf

Report Date: 12/29/2014
Client Project ID: 427 Highland Ave
York Project (SDG) No.: 14L0817

CT Cert No PH-0723 New Jersey Cert No CT-005 New York Cert No 10854 PA Cert No 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 12/29/2014
Client Project ID: 427 Highland Ave
York Project (SDG) No.: 14L0817

Elite Environmental Inc.
14 Morrissey Drive
Putnam Valley NY, 10579
Attention: Willie Silsdorf

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 19, 2014 and listed below. The project was identified as your project: **427 Highland Ave.**

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14L0817-01	South Well	Soil	12/18/2014	12/19/2014
14L0817-02	East Well Foundation	Soil	12/18/2014	12/19/2014
14L0817-03	West Well	Soil	12/18/2014	12/19/2014
14L0817-04	North Well	Soil	12/18/2014	12/19/2014
14L0817-05	Excavation Well	Soil	12/18/2014	12/19/2014

General Notes for York Project (SDG) No.: 14L0817

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Date: 12/29/2014

Benjamin Gulizia
Laboratory Director

YORK

YORK

Sample Information

Client Sample ID: South Well

York Sample ID: 14L0817-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	30	60	1	EPA 8260C	12/23/2014 08:47	12/27/2014 20:24	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	30	60	1	EPA 8260C	12/23/2014 08:47	12/27/2014 20:24	SS
108-88-3	Toluene	ND		ug/kg dry	30	60	1	EPA 8260C	12/23/2014 08:47	12/27/2014 20:24	SS
95-47-6	o-Xylene	ND		ug/kg dry	30	60	1	EPA 8260C	12/23/2014 08:47	12/27/2014 20:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	60	12	1	EPA 8260C	12/23/2014 08:47	12/27/2014 20:24	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	30	60	1	EPA 8260C	12/23/2014 08:47	12/27/2014 20:24	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	30	60	1	EPA 8260C	12/23/2014 08:47	12/27/2014 20:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	30	60	1	EPA 8260C	12/23/2014 08:47	12/27/2014 20:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	30	60	1	EPA 8260C	12/23/2014 08:47	12/27/2014 20:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	30	60	1	EPA 8260C	12/23/2014 08:47	12/27/2014 20:24	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	30	60	1	EPA 8260C	12/23/2014 08:47	12/27/2014 20:24	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	30	60	1	EPA 8260C	12/23/2014 08:47	12/27/2014 20:24	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	30	60	1	EPA 8260C	12/23/2014 08:47	12/27/2014 20:24	SS
91-20-3	Naphthalene	ND		ug/kg dry	30	60	1	EPA 8260C	12/23/2014 08:47	12/27/2014 20:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	30	12	1	EPA 8260C	12/23/2014 08:47	12/27/2014 20:24	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	90	18	1	EPA 8260C	12/23/2014 08:47	12/27/2014 20:24	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*139 %*	S-08	*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*		*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*		*85-120*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	KH
120-12-7	Anthracene	ND		ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	KH
56-55-3	**Benzo(a)anthracene**	48	J	ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	KH
50-32-8	**Benzo(a)pyrene**	75		ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	KH
205-99-2	**Benzo(b)fluoranthene**	68		ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	KH
191-24-2	**Benzo(g,h,i)perylene**	60	CCV-E	ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	KH
207-08-9	**Benzo(k)fluoranthene**	62		ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	KH
218-01-9	**Chrysene**	72		ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	KH
206-44-0	**Fluoranthene**	110		ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	KH
86-73-7	Fluorene	ND		ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	KH

Sample Information

Client Sample ID: South Well

York Sample ID: 14L0817-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Semi-Volatiles, CP-51 (formerly STARS) List **Log-in Notes:** VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	50	CCV-E J	ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	KH
91-20-3	Naphthalene	ND		ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	KH
85-01-8	Phenanthrene	40	J	ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	KH
129-00-0	Pyrene	91		ug/kg dry	25	50	1	EPA 8270D	12/26/2014 06:13	12/27/2014 10:41	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*56.1 %*	*10-119*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*49.7 %*	*10-114*
1718-51-0	*Surrogate: Terphenyl-d14*	*80.2 %*	*10-123*

Total Solids **Log-in Notes:** VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.5		%	0.100	0.100	1	SM 2540G	12/22/2014 12:21	12/22/2014 18:31	KK

Sample Information

Client Sample ID: East Well Foundation

York Sample ID: 14L0817-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Volatile Organics, CP-51 (formerly STARS) List **Log-in Notes:** VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS

Sample Information

Client Sample ID: East Well Foundation

York Sample ID: 141.0817-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
141.0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
91-20-3	Naphthalene	6.2	J	ug/kg dry	2.9	11	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C	12/27/2014 08:47	12/27/2014 20:58	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*125 %*	*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*81.9 %*	*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*113 %*	*85-120*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
120-12-7	Anthracene	250		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
56-55-3	Benzo(a)anthracene	950		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
50-32-8	Benzo(a)pyrene	630		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
205-99-2	Benzo(b)fluoranthene	580		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
191-24-2	Benzo(g,h,i)perylene	290	CCV-E	ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
207-08-9	Benzo(k)fluoranthene	660		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
218-01-9	Chrysene	1000		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
53-70-3	Dibenzo(a,h)anthracene	180	CCV-E, J	ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
206-44-0	Fluoranthene	2300		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
86-73-7	Fluorene	ND		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
193-39-5	Indeno(1,2,3-cd)pyrene	290	CCV-E	ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
91-20-3	Naphthalene	ND		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
85-01-8	Phenanthrene	1500		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH
129-00-0	Pyrene	1600		ug/kg dry	120	240	5	EPA 8270D	12/26/2014 06:13	12/27/2014 14:18	KH

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*29.7 %*		*10-119*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*82.5 %*		*10-114*
1718-51-0	*Surrogate: Terphenyl-d14*	*146 %*	S-08	*10-123*

Sample Information

Client Sample ID: East Well Foundation

York Sample ID: 14L0817-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.6		%	0.100	0.100	1	SM 2540G	12/22/2014 12:21	12/22/2014 18:31	KK

Sample Information

Client Sample ID: West Well

York Sample ID: 14L0817-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
91-20-3	Naphthalene	5.8	J	ug/kg dry	2.9	12	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C	12/27/2014 08:47	12/27/2014 21:33	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	144 %	S-08	77-125
460-00-4	*Surrogate: p-Bromofluorobenzene*	97.8 %		76-130
2037-26-5	*Surrogate: Toluene-d8*	99.2 %		85-120

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Information

Client Sample ID: West Well

York Sample ID: 14L0817-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	2000		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
120-12-7	Anthracene	4100		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
56-55-3	Benzo(a)anthracene	5300		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
50-32-8	Benzo(a)pyrene	1400		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
205-99-2	Benzo(b)fluoranthene	2000		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
191-24-2	Benzo(g,h,i)perylene	750	CCV-E	ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
207-08-9	Benzo(k)fluoranthene	2200		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
218-01-9	Chrysene	4100		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
53-70-3	Dibenzo(a,h)anthracene	440	CCV-E, J	ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
206-44-0	Fluoranthene	9600		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
86-73-7	Fluorene	2000		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
193-39-5	Indeno(1,2,3-cd)pyrene	800	CCV-E	ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
91-20-3	Naphthalene	460	J	ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
85-01-8	Phenanthrene	9100		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH
129-00-0	Pyrene	8800		ug/kg dry	240	490	10	EPA 8270D	12/26/2014 06:13	12/27/2014 19:28	KH

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*55.5 %*		*10-119*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*84.3 %*		*10-114*
1718-51-0	*Surrogate: Terphenyl-d14*	*159 %*	S-08	*10-123*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.5		%	0.100	0.100	1	SM 2540G	12/22/2014 12:21	12/22/2014 18:31	KK

Sample Information

Client Sample ID: North Well

York Sample ID: 14L0817-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:05	SS

Sample Information

Client Sample ID: North Well

York Sample ID: 14L0817-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C	12/27/2014 08:47	12/27/2014 22:08	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*142 %*	S-08	*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*117 %*		*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*112 %*		*85-120*

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
120-12-7	Anthracene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
56-55-3	**Benzo(a)anthracene**	**51**		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
50-32-8	**Benzo(a)pyrene**	**65**		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
205-99-2	**Benzo(b)fluoranthene**	**73**		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
191-24-2	**Benzo(g,h,i)perylene**	**46**	CCV-E ,J	ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
207-08-9	**Benzo(k)fluoranthene**	**58**		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
218-01-9	**Chrysene**	**74**		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
206-44-0	**Fluoranthene**	**130**		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
86-73-7	Fluorene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**43**	CCV-E ,J	ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
91-20-3	Naphthalene	ND		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH

Sample Information

Client Sample ID: North Well

York Sample ID: 14L0817-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Semi-Volatiles, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 3550C

Log-in Notes: VOA-CONT **Sample Notes:**

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	43	J	ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH
129-00-0	Pyrene	87		ug/kg dry	25	49	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:12	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*52.3 %*	*10-119*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*50.8 %*	*10-114*
1718-51-0	*Surrogate: Terphenyl-d14*	*73.5 %*	*10-123*

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes: VOA-CONT **Sample Notes:**

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	85.1		%	0.100	0.100	1	SM 2540G	12/22/2014 12:20	12/22/2014 18:31	KK

Sample Information

Client Sample ID: Excavation Well

York Sample ID: 14L0817-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Volatile Organics, CP-51 (formerly STARS) List

Sample Prepared by Method: EPA 5035A

Log-in Notes: VOA-CONT **Sample Notes:**

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
108-88-3	Toluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS

Sample Information

Client Sample ID: Excavation Well

York Sample ID: 14L0817-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	9.1	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.1	18	1	EPA 8260C	12/26/2014 16:43	12/27/2014 01:15	SS
	Surrogate Recoveries	**Result**		**Acceptance Range**							
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*141 %*	S-08	*77-125*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*112 %*		*76-130*							
2037-26-5	*Surrogate: Toluene-d8*	*106 %*		*85-120*							

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
120-12-7	Anthracene	ND		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
56-55-3	**Benzo(a)anthracene**	**120**		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
50-32-8	**Benzo(a)pyrene**	**120**		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
205-99-2	**Benzo(b)fluoranthene**	**99**		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
191-24-2	**Benzo(g,h,i)perylene**	**81**	CCV-E	ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
207-08-9	**Benzo(k)fluoranthene**	**140**		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
218-01-9	**Chrysene**	**140**		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
53-70-3	**Dibenzo(a,h)anthracene**	**47**	CCV-E, J	ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
206-44-0	**Fluoranthene**	**210**		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
86-73-7	Fluorene	ND		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**84**	CCV-E	ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
91-20-3	Naphthalene	ND		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
85-01-8	**Phenanthrene**	**85**		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
129-00-0	**Pyrene**	**190**		ug/kg dry	25	51	1	EPA 8270D	12/26/2014 06:13	12/27/2014 11:43	KH
	Surrogate Recoveries	**Result**		**Acceptance Range**							
4165-60-0	*Surrogate: Nitrobenzene-d5*	*58.0 %*		*10-119*							
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*51.6 %*		*10-114*							
1718-51-0	*Surrogate: Terphenyl-d14*	*74.4 %*		*10-123*							

Sample Information

Client Sample ID: Excavation Well

York Sample ID: 14L0817-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14L0817	427 Highland Ave	Soil	December 18, 2014 3:00 pm	12/19/2014

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes: VOA-CONT **Sample Notes:**

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.4		%	0.100	0.100	1	SM 2540G	12/22/2014 12:21	12/22/2014 14:11	RK

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14L0817-01	South Well	40mL 01_Clear Vial Cool to 4° C
14L0817-02	East Well Foundation	40mL 01_Clear Vial Cool to 4° C
14L0817-03	West Well	40mL 01_Clear Vial Cool to 4° C
14L0817-04	North Well	40mL 01_Clear Vial Cool to 4° C
14L0817-05	Excavation Well	40mL 01_Clear Vial Cool to 4° C

Notes and Definitions

VOA-CONT NON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements

S-08 The recovery of this surrogate was outside of QC limits

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD The batch was accepted based on acceptable LCS recovery

QL-03 This LCS analyte recovered outside of acceptance limits The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows

J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration

CCV-E The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average RF or >20% Drift for quadratic fit).

---

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve

LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria This is based upon NELAC 2009 Standards and applies to all analyses

LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846

MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods

Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL , or the LOQ/RL In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly This applies to volatile and semi-volatile target compounds only

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias

Non-Dir Non-dir flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA) These results could actually represent 100% DPA, 100% NDPA or some combination of the two For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists

2-chloroethylvinyl ether readily breaks down under acidic conditions Samples that are acid preserved including standards will exhibit breakdown The data user should take note

Certification for pH is no longer offered by NYDOH ELAP

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 14L0817

YOUR Information

Company: Elite Environmental LLC
Address: 14 Mellor Ave
Putnam Valley NY 10579
Phone No: 845-528-6570
Contact Person: Lisa
E-Mail Address: Elite.env.llc@gmail.com

Report To:

Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company: Same
Address:
Phone No.
Attention
E-Mail Address:

YOUR Project ID

427 Highland Ave

Purchase Order No.

Samples from: CT ___ NY ✓ NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel
- NYSDEC EQuIS
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- York Regulatory Comparison
- Excel Spreadsheet

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organ	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec	NJDEP list	Air TO14A	Part360 Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360 Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360 Expanded for Disposal Facility	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360 Expanded for Land Use	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Isolu. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
South Well	12/18/14	S	Stars	4oz glass
East Well Fondation	12/18/14	S	Stars	" "
West Well	12/18/14	S	Stars	" "
North Well	12/18/14	S	Stars	" "
Excavation Bottom	12/18/14	S	Stars	" "
				" "

Comments

Preservation Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	12/18/14	Chris	12-19-14 14:00
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		IC Tech	12/19/14 16:25

Temperature on Receipt 4.1 °C

Date _____
Request # _____
Accepted by: _____
Referred to: _____

City of Peekskill
Police Department
Request Date_____
Accepted by_____
Rank Name
Received by Records Bureau
Received by:_____
Date_____ Time:_____

CITY OF PEEKSKILL
CITY HALL
840 Main Street
Peekskill, NY 10566
(914) 737-3400
Fax No. 914-734-4233

OFFICE OF THE CITY CLERK
FREEDOM OF INFORMATION REQUEST FORM

NAME: Annmarie Yannaco
ADDRESS: 959 Route 46E, Floor 3, Suite 300
CITY, STATE, ZIP Parsippany, NJ 07054
TELEPHONE # 973 808 9050
EMAIL: annmarie.yannaco@sesi.org
REPRESENTING SESI Consulting Engineers
APPLICANT SIGNATURE Annmarie Yannaco

I hereby apply to inspect the following record (only one record per form):

Site Address: 418 N Division Street and 407, 425, and 427 Highland Avenue, Peekskill, New York

Site Parcels: 23.78-1-9, 23.78-1-10 (subdivided as 23.78-1-10A and 23.78-1-10B), 23.78-1-12, and 23.781-11

Documentation of storage tank operation, illegal dumping; hazardous material storage or use; ; documented release(s), spills or discharge of hazardous chemicals; site inspections, code violations; emergency responses, fires, and environmental reports associated with soil/groundwater investigative sampling, building permits

_____Record approved and delivered to applicant

_____Record partially denied for the following reason(s):
_____Record denied for the following reason(s):
_____ not in City files or records
_____ exempted from disclosure by state or federal statute
_____ if disclosed, would constitute an unwarranted invasion of personal privacy
_____ if disclosed, would be used for solicitation or fund-raising purposes
_____ if disclosed, would impair present or imminent contract awards
_____ if disclosed, would impair collective bargaining negotiations
_____ trade secrets
_____ compiled for law enforcement purposes and exempted from disclosure
_____ inter-agency or intra-agency material which is not:
- statistical or factual tabulations or data
- instructions to staff that affect the public
- final agency policy or determination

_____ other

Comments:_____
_____

RECORDS ACCESS OFFICER

By: _____
Date

NOTICE TO APPLICANT: You have a right to appeal denial of this application to the City Manager within 30 days. The denial shall be fully explained or access provided to the record sought within ten (10) business days of receipt of said appeal, in writing.

I HEREBY APPEAL:_____ DATE:_____

From: Fax
To: Annmarie Yannaco
Subject: Fax successfully sent to +1 914-734-4233 | -FOIL request
Date: Tuesday, March 18, 2025 10:16:42 AM

CAUTION !! This E-Mail originated from outside the organization. Confirm it is from a legitimate E-Mail address. If uncertain - do not click links or open attachments unless you contact the sender and know the content is safe.

Success!

Fax sent

Your fax to +1 914-734-4233 was successfully transmitted at 10:16 EDT.

Time
Tuesday, March 18, 2025 at 10:16 EDT

From
annmarie.yannaco@sesi.org
Annmarie Yannaco
+1 973-808-9050

To
+1 914-734-4233
9147344233@sesiconsultingengineers.fax.onjive.com

Subject
-FOIL request

Pages
1 (21.9 KB)

Files

Peekskill FOIL Request.pdf

For more information about our fax service, see our fax support and guides

© 2025 GoTo Group, Inc.
333 Summer St, Boston, MA 02210, United States
Follow us on Twitter, LinkedIn or Facebook

RECEIVED

MAR 18 2025

CLERK'S OFFICE
CITY OF PEEKSKILL

Date 3.25.25
Request # 131
Accepted by: JM
Referred to: Bldg/DPW/Inspectors

City of Peekskill
Police Department
Request Date_____
Accepted by_____
Rank Name
Received by Records Bureau
Received by:_____
Date_____ Time:_____

CITY OF PEEKSKILL
CITY HALL
840 Main Street
Peekskill, NY 10566
(914) 737-3400
Fax No. 914-734-4233

OFFICE OF THE CITY CLERK
FREEDOM OF INFORMATION REQUEST FORM

NAME: Annmarie Yannaco
ADDRESS: 959 Route 46E, Floor 3, Suite 300
CITY, STATE, ZIP Parsippany, NJ 07054
TELEPHONE # 973 808 9050
EMAIL: annmarie.yannaco@sesi.org
REPRESENTING SESI Consulting Engineers
APPLICANT SIGNATURE Annmarie Yannaco

I hereby apply to inspect the following record (only one record per form):

Site Address: 418 N Division Street and 407, 425, and 427 Highland Avenue, Peekskill, New York
Site Parcels: 23.78-1-9, 23.78-1-10 (subdivided as 23.78-1-10A and 23.78-1-10B), 23.78-1-12, and 23.781-11
Documentation of storage tank operation, illegal dumping; hazardous material storage or use; ; documented release(s), spills or discharge of hazardous chemicals; site inspections, code violations; emergency responses, fires, and environmental reports associated with soil/groundwater investigative sampling, building permits

_____Record approved and delivered to applicant

_____Record partially denied for the following reason(s):
_____Record denied for the following reason(s):
_____ not in City files or records
_____ exempted from disclosure by state or federal statute
_____ if disclosed, would constitute an unwarranted invasion of personal privacy
_____ if disclosed, would be used for solicitation or fund-raising purposes
_____ if disclosed, would impair present or imminent contract awards
_____ if disclosed, would impair collective bargaining negotiations
_____ trade secrets
_____ compiled for law enforcement purposes and exempted from disclosure
_____ inter-agency or intra-agency material which is not:
- statistical or factual tabulations or data
- instructions to staff that affect the public
- final agency policy or determination

_____ other

Comments:_____

RECORDS ACCESS OFFICER

By: _____
Date

NOTICE TO APPLICANT: You have a right to appeal denial of this application to the City Manager within 30 days. The denial shall be fully explained or access provided to the record sought within ten (10) business days of receipt of said appeal, in writing.

I HEREBY APPEAL:_____ DATE:_____

OFFICE OF THE CITY CLERK

Cassandra Redd
City Clerk

Jeanette Moore
Deputy City Clerk

Date: 3.25.25

Request No.: 131

Dear Applicant:

This letter acknowledges receipt of your submitted Freedom of Information Law (FOIL) request dated 3.18.25 and received in this office on 3.18.25 for records maintained by the City of Peekskill under Public Officers Law, Article 6.

Your request will be forwarded to the appropriate department within the City and will be either granted or denied within twenty (20) business days of this acknowledgement. If your request is granted, all documents will be made available to you at a standard cost of $.25 per page except for records exceeding 9 x 14 inches, where the actual cost of production will be charged. Records will be emailed at no charge when possible.

The fee charged for a copy of any other record is based on the actual cost of reproduction and may include only the following: 1. an amount equal to the hourly salary attributed to the lowest paid employee who has the necessary skill required to prepare a copy of the requested record, but only when more than two hours of the employee's time is necessary to do so; and 2. the actual cost of the storage devices or media provided to the person making the request in complying with such request; or 3. the actual cost to the agency of engaging an outside professional service to prepare a copy of a record, but only when an agency's information technology equipment is inadequate to prepare a copy, and if such service is used to prepare the copy.

We will process your request as soon as possible. After the records are forwarded to us from the appropriate department, you will be notified by this office.

If you have any questions regarding your FOIL request, please direct them to the Office of the City Clerk at (914) 737-3400.

5/21/25 - to CC's office

RECEIVED

MAR 18 2025

CLERK'S OFFICE
CITY OF PEEKSKILL

Date 3.25.25
Request # 131
Accepted by: JM
Referred to: Bldg/DPW/Water

City of Peekskill
Police Department
Request Date_____
Accepted by_____
Rank Name
Received by Records Bureau
Received by:_____
Date_____ Time:_____

CITY OF PEEKSKILL
CITY HALL
840 Main Street
Peekskill, NY 10566
(914) 737-3400
Fax No. 914-734-4233

OFFICE OF THE CITY CLERK
FREEDOM OF INFORMATION REQUEST FORM

NAME: Annmarie Yannaco
ADDRESS: 959 Route 46E, Floor 3, Suite 300
CITY, STATE, ZIP Parsippany, NJ 07054
TELEPHONE # 973 808 9050
EMAIL: annmarie.yannaco@sesi.org
REPRESENTING SESI Consulting Engineers
APPLICANT SIGNATURE Annmarie Yannaco

I hereby apply to inspect the following record (only one record per form):

Site Address: 418 N Division Street and 407, 425, and 427 Highland Avenue, Peekskill, New York
Site Parcels: 23.78-1-9, 23.78-1-10 (subdivided as 23.78-1-10A and 23.78-1-10B), 23.78-1-12, and 23.781-11
Documentation of storage tank operation, illegal dumping; hazardous material storage or use; ; documented release(s), spills or discharge of hazardous chemicals; site inspections, code violations; emergency responses, fires, and environmental reports associated with soil/groundwater investigative sampling, building permits

^^^

OFFICE OF THE CITY CLERK

Cassandra Redd
City Clerk

Jeanette Moore
Deputy City Clerk

Date: 3.25.25

Request No.: 131

Dear Applicant:

This letter acknowledges receipt of your submitted Freedom of Information Law (FOIL) request dated 3.18.25 and received in this office on 3.18.25 for records maintained by the City of Peekskill under Public Officers Law, Article 6.

Your request will be forwarded to the appropriate department within the City and will be either granted or denied within twenty (20) business days of this acknowledgement. If your request is granted, all documents will be made available to you at a standard cost of $.25 per page except for records exceeding 9 x 14 inches, where the actual cost of production will be charged. Records will be emailed at no charge when possible.

The fee charged for a copy of any other record is based on the actual cost of reproduction and may include only the following: 1. an amount equal to the hourly salary attributed to the lowest paid employee who has the necessary skill required to prepare a copy of the requested record, but only when more than two hours of the employee's time is necessary to do so; and 2. the actual cost of the storage devices or media provided to the person making the request in complying with such request; or 3. the actual cost to the agency of engaging an outside professional service to prepare a copy of a record, but only when an agency's information technology equipment is inadequate to prepare a copy, and if such service is used to prepare the copy.

We will process your request as soon as possible. After the records are forwarded to us from the appropriate department, you will be notified by this office.

If you have any questions regarding your FOIL request, please direct them to the Office of the City Clerk at (914) 737-3400.

Date 07/30/2024

418 Division St N
23.78-1-9

COMPLAINTS

Issue Date	Compliant Number	Complaint	Status	Closed Date
07/02/2018	2018-231	Overgrowth	Closed	
01/22/2019	2019-432	Snow not cleared from sidewalk	Closed	
03/04/2019	2019-491	Snow not cleared from sidewalk	Closed	
06/12/2019	2019-607	Overgrowth	Closed	
12/23/2020	2020-584	Snow not cleared from sidewalk	Closed	
01/29/2021	2021-632	Snow not cleared from sidewalk	Closed	
02/04/2021	2021-677	Snow not cleared from sidewalk	Closed	
02/08/2021	2021-710	Snow not cleared from sidewalk	Closed	
01/03/2022	2022-968	Property Maintenance	Dismissed By Court	
01/03/2022	2022-969	Overgrowth	Dismissed By Court	
01/03/2022	2022-970	Property Maintenance	Dismissed By Court	
09/15/2022	2022-345	Property Maintenance	OPEN	
09/16/2022	2022-349	Litter	OPEN	
05/18/2023	2023-868	Overgrowth	OPEN	
11/27/2023	2023-1330	Property Maintenance	NOV Sent	
01/08/2024	2024-0038	Snow not cleared from sidewalk	NOV Sent	
01/23/2024	2024-0126	Snow not cleared from sidewalk	NOV Sent	

Date 07/30/2024

407 Highland Ave
23.78-1-10

COMPLAINTS

Issue Date	Compliant Number	Complaint	Status	Closed Date
01/22/2019	2019-431	Snow not cleared from sidewalk	Closed	
03/04/2019	2019-493	Snow not cleared from sidewalk	Closed	
06/12/2019	2019-608	Graffiti	Closed	
12/23/2020	2020-583	Snow not cleared from sidewalk	Closed	
01/29/2021	2021-631	Snow not cleared from sidewalk	Closed	
02/04/2021	2021-680	Snow not cleared from sidewalk	Closed	
02/08/2021	2021-711	Snow not cleared from sidewalk	Closed	
03/01/2021	2021-734	Graffiti	Closed	
06/07/2022	2022-213	Overgrowth	Closed	
06/10/2022	2022-221	Property Maintenance	OPEN	
06/13/2022	2022-223	Property Maintenance	OPEN	
06/13/2022	2022-224	Property Maintenance	OPEN	
06/28/2022	2022-245	Structure fire	LETTER	
09/01/2022	2022-331	Property Maintenance	OPEN	
09/15/2022	2022-347	Property Maintenance	OPEN	
11/27/2023	2023-1331	Property Maintenance	NOV Sent	
01/08/2024	2024-0041	Snow not cleared from sidewalk	NOV Sent	

Date 07/30/2024

425 Highland Ave
23.78-1-12

COMPLAINTS

Issue Date	Compliant Number	Complaint	Status	Closed Date
05/29/2020	2020-960	Property Maintenance	Closed	12/14/2021
12/23/2020	2020-582	Snow not cleared from sidewalk	Closed	12/14/2021
01/08/2024	2024-0039	Snow not cleared from sidewalk	NOV Sent	
01/23/2024	2024-0129	Snow not cleared from sidewalk	NOV Sent	
02/14/2024	2024-0186	Snow not cleared from sidewalk	NOV Sent	
04/15/2024	2024-0327	Unsafe conditions	Referred to DPW	

Date 07/30/2024

425 Highland Ave
23.78-1-12

COMPLAINTS

Issue Date	Compliant Number	Complaint	Status	Closed Date
05/29/2020	2020-960	Property Maintenance	Closed	12/14/2021
12/23/2020	2020-582	Snow not cleared from sidewalk	Closed	12/14/2021
01/08/2024	2024-0039	Snow not cleared from sidewalk	NOV Sent	
01/23/2024	2024-0129	Snow not cleared from sidewalk	NOV Sent	
02/14/2024	2024-0186	Snow not cleared from sidewalk	NOV Sent	
04/15/2024	2024-0327	Unsafe conditions	Referred to DPW	

Date 07/30/2024

427 Highland Ave
23.78-1-11

COMPLAINTS

Issue Date	Compliant Number	Complaint	Status	Closed Date
09/26/2018	2018-337	Overgrowth	Closed	12/21/2018
01/22/2019	2019-428	Snow not cleared from sidewalk	Closed	09/20/2019
03/04/2019	2019-494	Snow not cleared from sidewalk	Closed	09/20/2019
07/16/2019	2019-635	Overgrowth	Closed	10/16/2019
07/16/2019	2019-636	Graffiti	Closed	10/16/2019
05/29/2020	2020-958	Property Maintenance	Closed	10/16/2020
05/29/2020	2020-959	Property Maintenance	Closed	10/16/2020
12/23/2020	2020-581	Snow not cleared from sidewalk	Closed	04/26/2022
01/29/2021	2021-630	Snow not cleared from sidewalk	Closed	04/22/2022
02/04/2021	2021-683	Snow not cleared from sidewalk	Closed	04/22/2022
02/08/2021	2021-709	Snow not cleared from sidewalk	Closed	04/22/2022
03/01/2021	2021-736	Graffiti	Closed	
05/05/2021	2021-766	Graffiti	Complied	05/19/2021
09/15/2022	2022-344	Property Maintenance	OPEN	
11/27/2023	2023-1332	Property Maintenance	NOV Sent	
01/08/2024	2024-0040	Snow not cleared from sidewalk	NOV Sent	
01/23/2024	2024-0128	Snow not cleared from sidewalk	NOV Sent	

City of Peekskill

840 Main Street
Peekskill, New York 10566
(914) 734-4140

PARCEL HISTORY

Legal Address: 427 Highland Ave
Section/Block/Lot: 23.78-1-11
Owner of Record: Peekskill White Plains LLC
Owner Address: 320 Roebling St Ste 304
Brooklyn, NY 11211

APPLICATIONS

Application Date	Application Number	Type	Status
10/29/2014	14-0474	U.S.T. REMOVAL	Permit Closed
12/12/2017	17-1371	CO INSPECTION	Permit Closed

Appendix E:

Site Photo Log

Photograph 1
General site conditions in paved area facing south from Constant Avenue toward the paved parking and loading area situated between Lots 9 and 10.

Photograph 2
General site conditions in paved area facing south from Constant Avenue toward the paved driveway area situated between Lots 10 and 11.

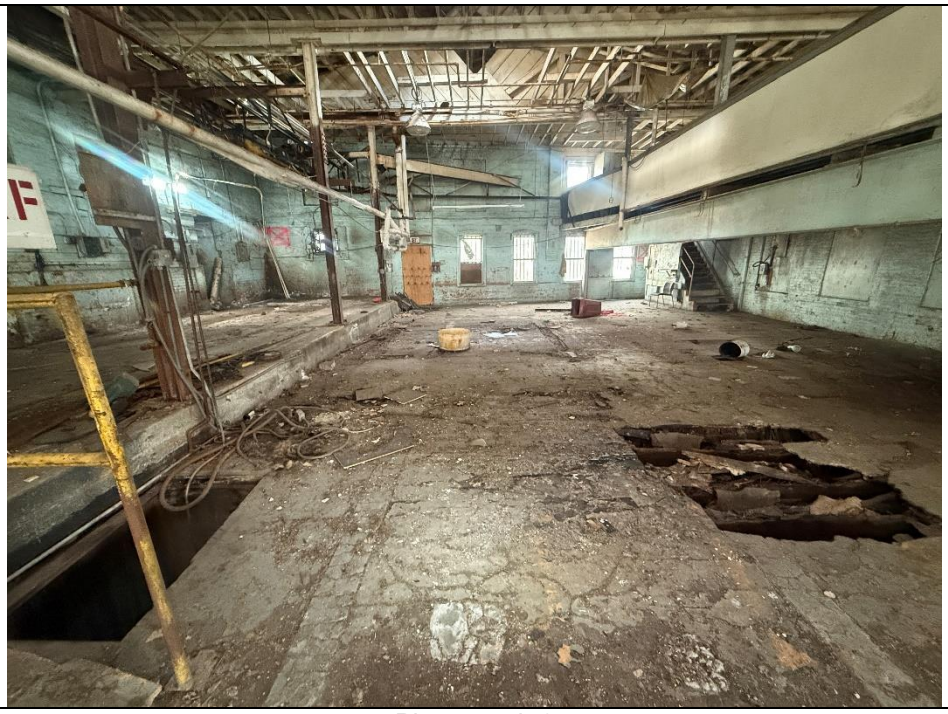
Photograph 3
View of Subject Property along Highland Avenue, facing southeast toward onsite buildings on Lots 10, 11 and 12.

Photograph 4
View of building on Lot 11, facing southeast from the intersection of Constant Avenue and Highland Avenue.

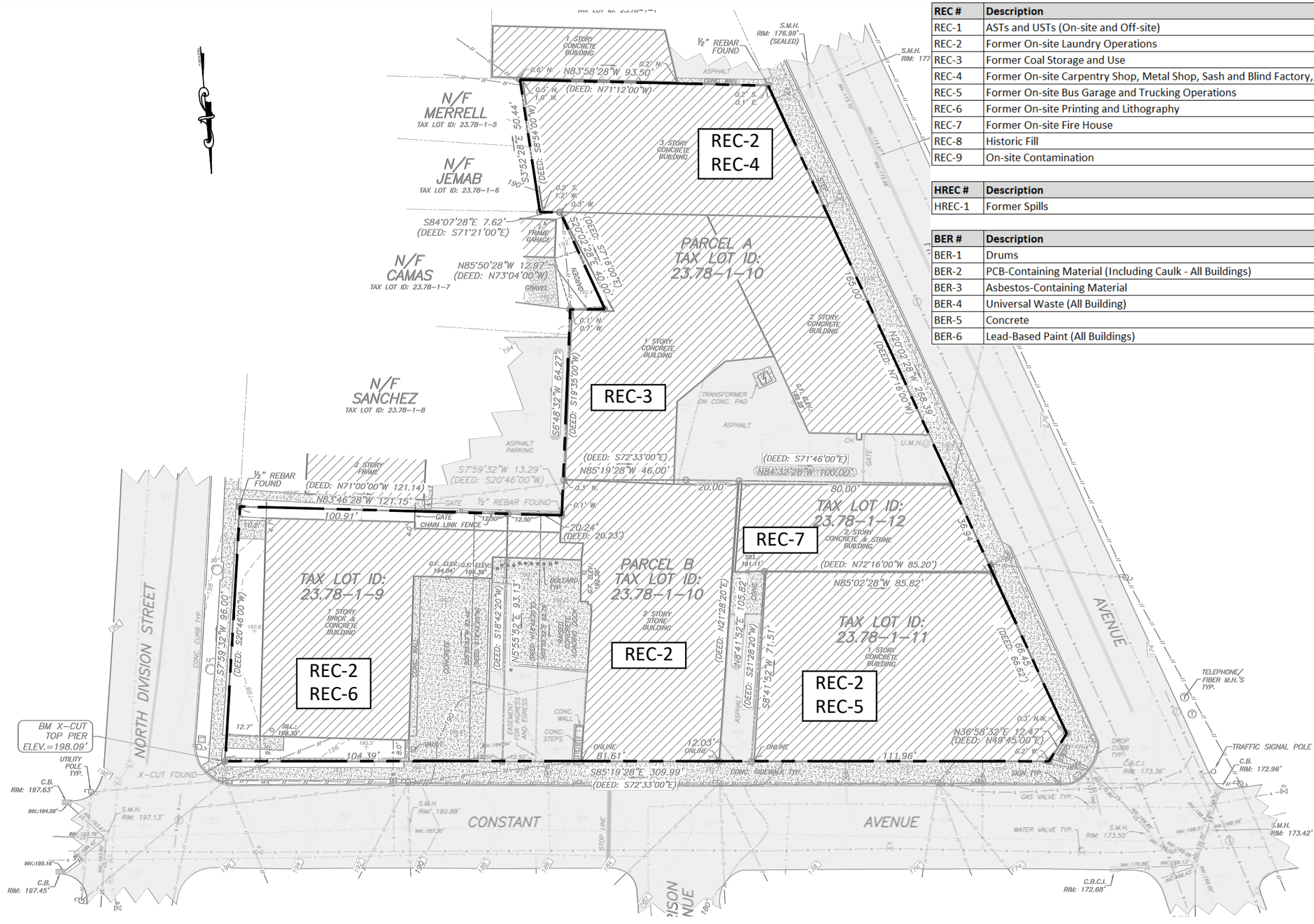
Photograph 5
Interior view of 1-story building on Lot 11.

Photograph 6
View of trench drain identified within the buildings on Lot 10.

Photograph 7
General site view of courtyard on Lot 10 and transformer identified onsite.



Photograph 8
Interior view of 3-story building on Lot 10.



REC #	Description
REC-1	ASTs and USTs (On-site and Off-site)
REC-2	Former On-site Laundry Operations
REC-3	Former Coal Storage and Use
REC-4	Former On-site Carpentry Shop, Metal Shop, Sash and Blind Factory, and Automobile Warehouse
REC-5	Former On-site Bus Garage and Trucking Operations
REC-6	Former On-site Printing and Lithography
REC-7	Former On-site Fire House
REC-8	Historic Fill
REC-9	On-site Contamination

HREC #	Description
HREC-1	Former Spills

BER #	Description
BER-1	Drums
BER-2	PCB-Containing Material (Including Caulk - All Buildings)
BER-3	Asbestos-Containing Material
BER-4	Universal Waste (All Building)
BER-5	Concrete
BER-6	Lead-Based Paint (All Buildings)

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.

SCALE: 1"=40'
0 40 80

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: REC LOCATION PLAN

job no: 13904
drawing no: FIG 10.1

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

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:

STAGG GROUP

February 13, 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
3.3. GROUNDWATER INVESTIGATION RESULTS 13
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 STAGG Group 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) and electromagnetic (EM) detection. The GPR/EM survey was performed to clear soil boring locations.

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
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

Soil Samples					
Soil Samples	**Type**	**Terminal Depth (ft)**	**Sample Depth (ft)**	**Date**	**Analysis**
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	JIP	~	~	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	-	-	-	-	-	-	-	-

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

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

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**
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

					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
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

					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
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.

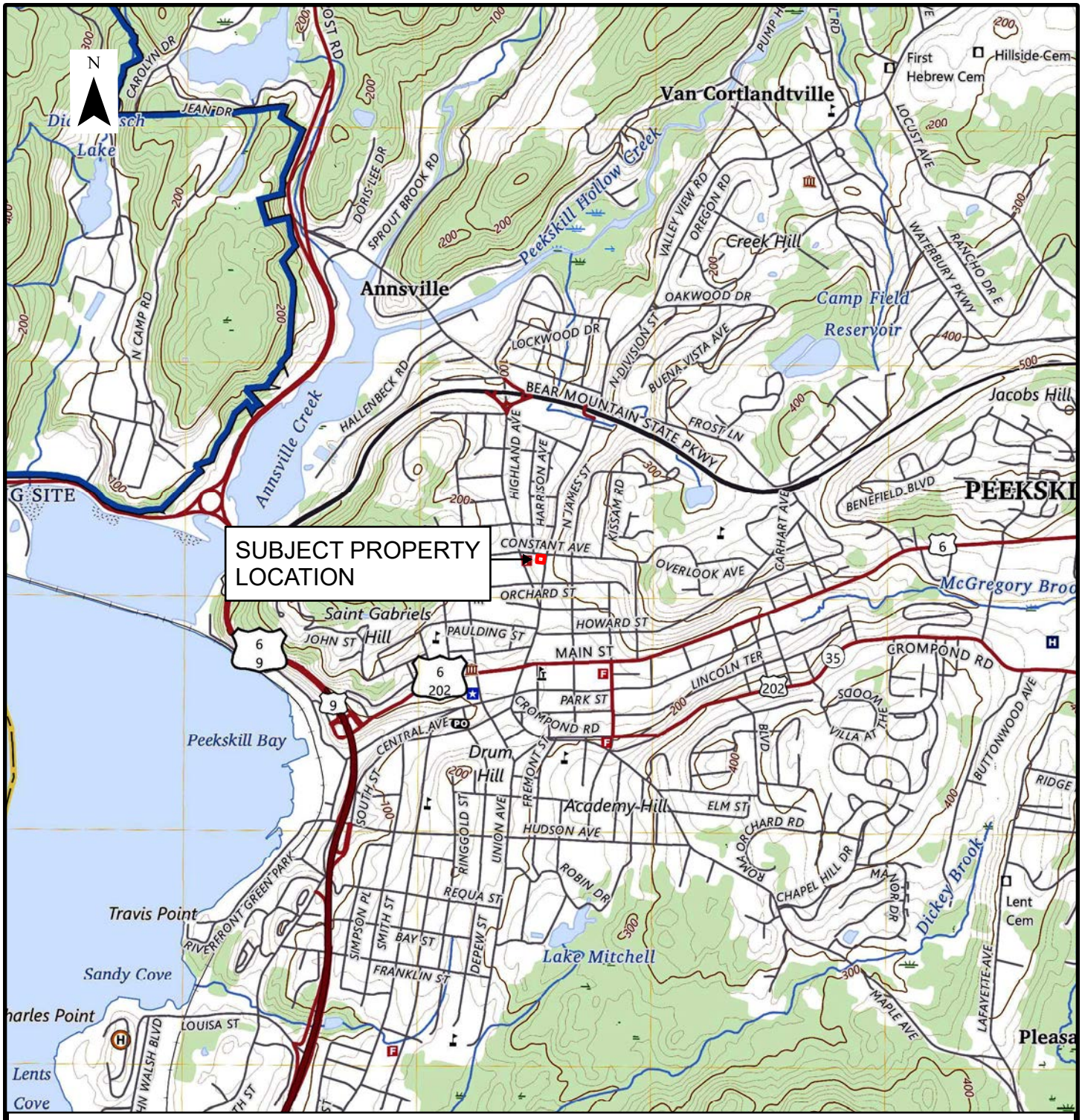
J	The value is estimated. This flag is used a) on form 1 when the compound is reported above the MDL, but below the PQL, and b) on the Tentatively Identified Compounds (TIC) form for all compounds identified.
N	The concentration is based on the response fo the nearest internal. This flag is used on the 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

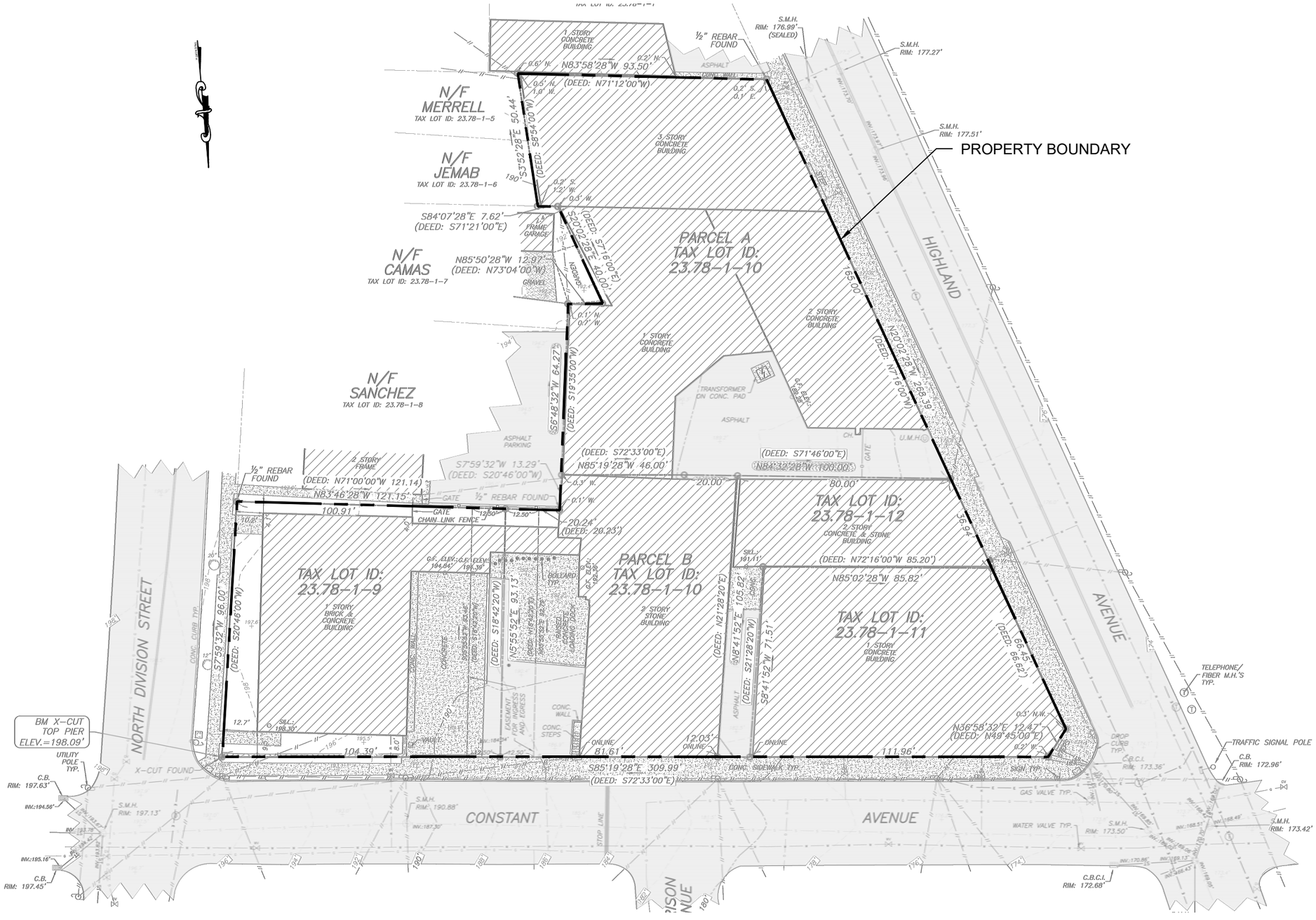
418 NORTH DIVISION STREET
BLOCK 1, LOT 9
PEEKSKILL, NY

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



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

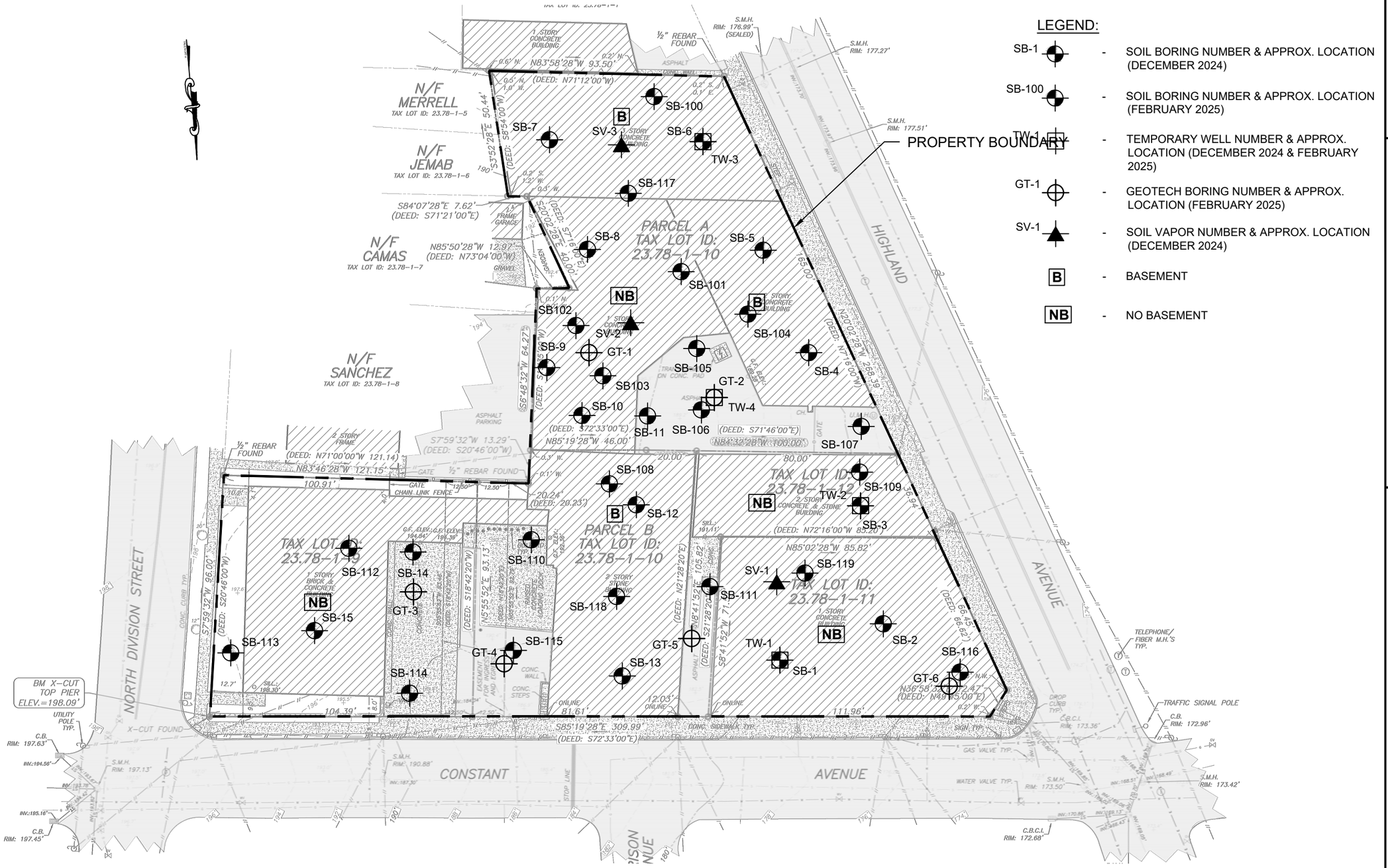
SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

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

title:
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



LEGEND:

- SB-1 - SOIL BORING NUMBER & APPROX. LOCATION (DECEMBER 2024)
- SB-100 - SOIL BORING NUMBER & APPROX. LOCATION (FEBRUARY 2025)
- TW-1 - TEMPORARY WELL NUMBER & APPROX. LOCATION (DECEMBER 2024 & FEBRUARY 2025)
- GT-1 - GEOTECH BORING NUMBER & APPROX. LOCATION (FEBRUARY 2025)
- SV-1 - SOIL VAPOR NUMBER & APPROX. LOCATION (DECEMBER 2024)
- B - BASEMENT
- NB - NO BASEMENT

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

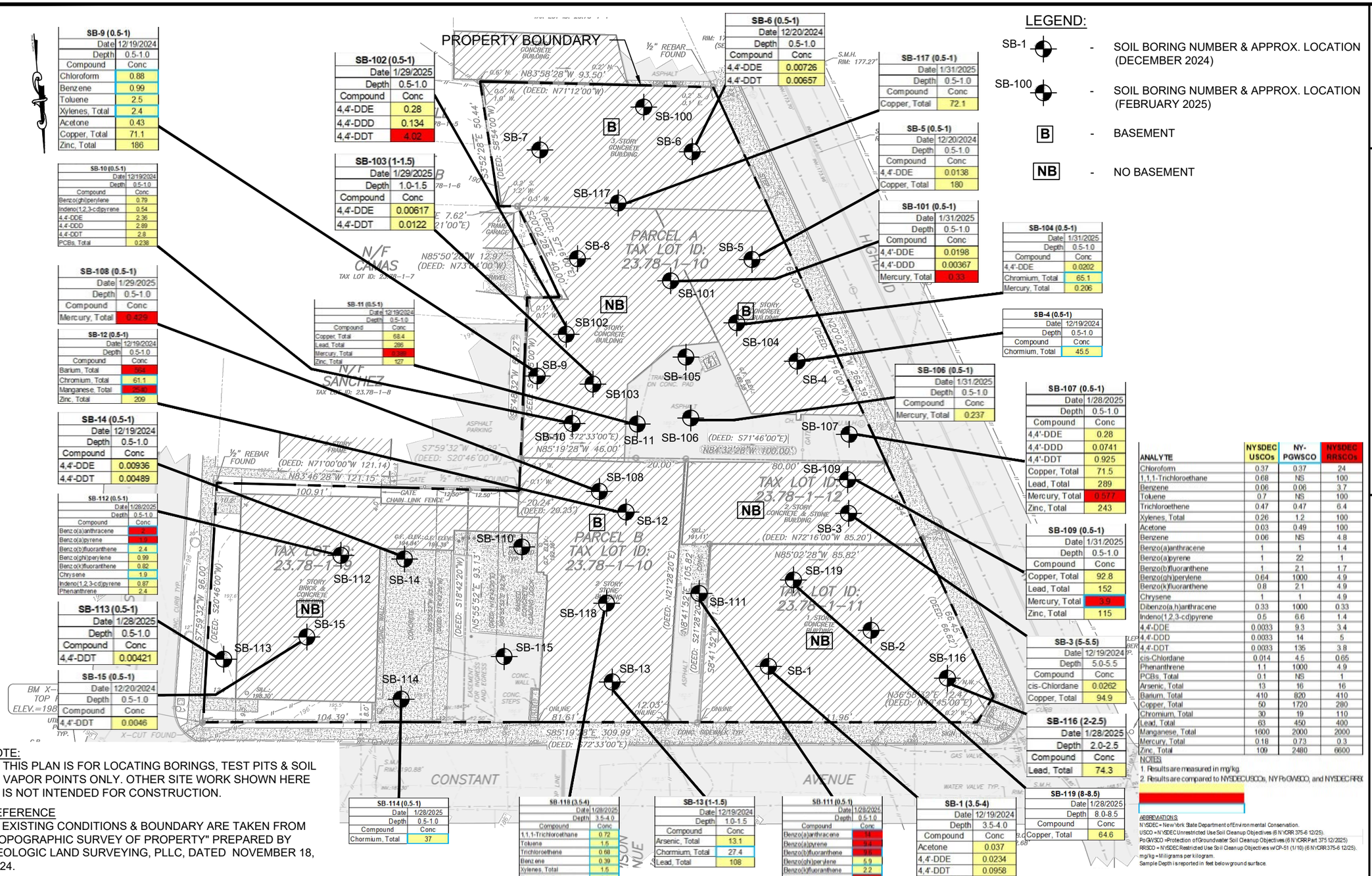
SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

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

title: BORING LOCATION PLAN

job no: 13904
drawing no: FIG 2.1

N:\ACAD\13904\CAD\ENVIRONMENTAL\13904.DWG_SITE_LOCATION_PLAN.DWG 03/14/25 03:49:12PM, alan.ward, LAYOUT:BORE



LEGEND:

- SB-1 - SOIL BORING NUMBER & APPROX. LOCATION (DECEMBER 2024)
- SB-100 - SOIL BORING NUMBER & APPROX. LOCATION (FEBRUARY 2025)
- B - BASEMENT
- NB - NO BASEMENT

ANALYTE	NYSDEC USCOs	NY-PGWSCO	NYSDEC RRSCOs
Chloroform	0.37	0.37	24
1,1,1-Trichloroethane	0.68	NS	100
Benzene	0.06	0.06	3.7
Toluene	0.7	NS	100
Trichloroethene	0.47	0.47	6.4
Xylenes, Total	0.26	1.2	100
Acetone	0.03	0.49	100
Benzene	0.06	NS	4.8
Benzo(a)anthracene	1	1	1.4
Benzo(a)pyrene	1	22	1
Benzo(b)fluoranthene	1	2.1	1.7
Benzo(ghi)perylene	0.64	1000	4.9
Benzo(k)fluoranthene	0.8	2.1	4.9
Chrysene	1	1	4.9
Dibenzo(a,h)anthracene	0.33	1000	0.33
Indeno(1,2,3-cd)pyrene	0.5	6.6	1.4
4,4'-DDE	0.0033	9.3	3.4
4,4'-DDD	0.0033	14	5
4,4'-DDT	0.0033	135	3.8
cis-Chlordane	0.014	4.5	0.65
Phenanthrene	1.1	1000	4.9
PCBs, Total	0.1	NS	1
Arsenic, Total	13	16	16
Barium, Total	410	820	410
Copper, Total	50	1720	280
Chromium, Total	30	19	110
Lead, Total	63	450	400
Manganese, Total	1600	2000	2000
Mercury, Total	0.18	0.73	0.3
Zinc, Total	109	2480	6600

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDECUSCOs, NY Pb GWSCO, and NYSDEC RRSC

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/25).
Pb GWSCO = Protection of Groundwater Soil Cleanup Objectives (6 NYCRR Part 375 12/2025)
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/ CP-51 (1/10) (6 NYCRR 375-6 12/25).
mg/kg = Milligrams per kilogram.
Sample Depth is reported in feet below ground surface.

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 2026
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

dwg by: KBV
chk by: SL
scale: AS NOTED
date: 02/06/2026

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

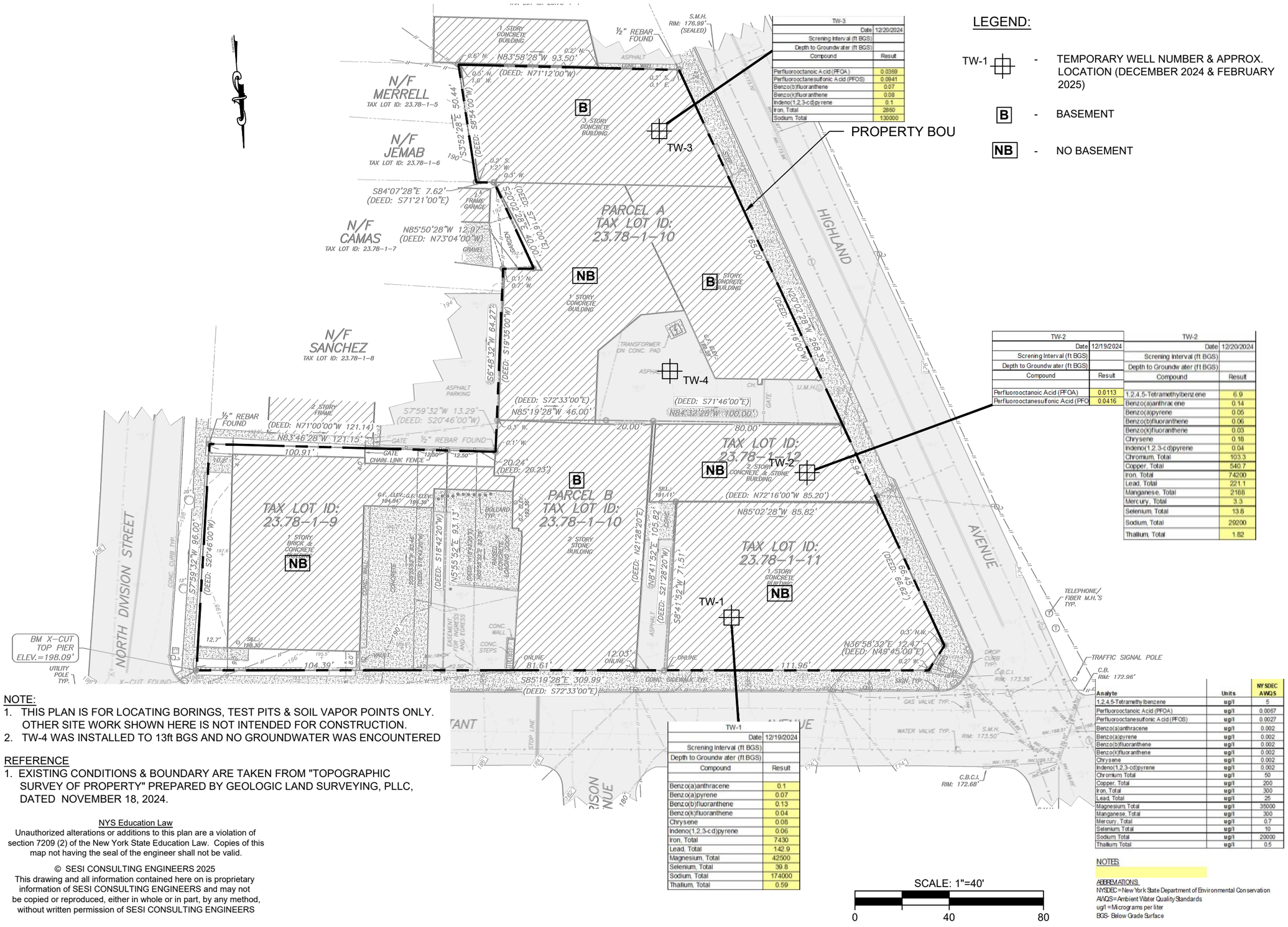
project: 418 NORTH DIVISION STREET
CITY OF PEEKSKILL
WESTCHESTER COUNTY, NEW YORK

title: SOIL SAMPLE LOCATIONS AND CONCENTRATION PLAN

job no: 13904
drawing no:

FIG 3.1

N:\ACAD\13904\CAD\ENVIRONMENTAL\13904.DWG_SITE_LOCATION_PLAN — V3.DWG 02/06/26 06:36:49PM, kim.vanderklein, LAYOUT: SOIL



TW-3	
Date	12/20/2024
Screning Interval (ft BGS)	
Depth to Groundw ater (ft BGS)	
Compound	Result
Perfluorooctanoic Acid (PFOA)	0.0369
Perfluorooctanesulfonic Acid (PFOS)	0.0941
Benzo(b)fluoranthene	0.07
Benzo(k)fluoranthene	0.08
Indeno(1,2,3-cd)pyrene	0.1
Iron, Total	2660
Sodium, Total	130000

TW-2	
Date	12/19/2024
Screning Interval (ft BGS)	
Depth to Groundw ater (ft BGS)	
Compound	Result
Perfluorooctanoic Acid (PFOA)	0.0113
Perfluorooctanesulfonic Acid (PFOS)	0.0416

TW-2	
Date	12/20/2024
Screning Interval (ft BGS)	
Depth to Groundw ater (ft BGS)	
Compound	Result
1,2,4,5-Tetramethylbenzene	6.9
Benzo(a)anthracene	0.14
Benzo(a)pyrene	0.05
Benzo(b)fluoranthene	0.06
Benzo(k)fluoranthene	0.03
Chrysene	0.18
Indeno(1,2,3-cd)pyrene	0.04
Chromium, Total	103.3
Copper, Total	540.7
Iron, Total	74200
Lead, Total	221.1
Manganese, Total	2168
Mercury, Total	3.3
Selenium, Total	13.8
Sodium, Total	29200
Thallium, Total	1.62

TW-1	
Date	12/19/2024
Screning Interval (ft BGS)	
Depth to Groundw ater (ft BGS)	
Compound	Result
Benzo(a)anthracene	0.1
Benzo(a)pyrene	0.07
Benzo(b)fluoranthene	0.13
Benzo(k)fluoranthene	0.04
Chrysene	0.08
Indeno(1,2,3-cd)pyrene	0.06
Iron, Total	7430
Lead, Total	142.9
Magnesium, Total	42500
Selenium, Total	39.8
Sodium, Total	174000
Thallium, Total	0.59

Analyte	Units	NYSDEC AWQS
1,2,4,5-Tetramethylbenzene	ug/l	5
Perfluorooctanoic Acid (PFOA)	ug/l	0.0067
Perfluorooctanesulfonic Acid (PFOS)	ug/l	0.0027
Benzo(a)anthracene	ug/l	0.002
Benzo(a)pyrene	ug/l	0.002
Benzo(b)fluoranthene	ug/l	0.002
Benzo(k)fluoranthene	ug/l	0.002
Chrysene	ug/l	0.002
Indeno(1,2,3-cd)pyrene	ug/l	0.002
Chromium, Total	ug/l	50
Copper, Total	ug/l	200
Iron, Total	ug/l	300
Lead, Total	ug/l	25
Magnesium, Total	ug/l	35000
Manganese, Total	ug/l	300
Mercury, Total	ug/l	0.7
Selenium, Total	ug/l	10
Sodium, Total	ug/l	20000
Thallium, Total	ug/l	0.5

NOTES

ABBREVIATIONS
NYSDEC = New York State Department of Environmental Conservation
AWQS = Ambient Water Quality Standards
ug/l = Micrograms per liter
BGS- Below Grade Surface

NOTE:
1. THIS PLAN IS FOR LOCATING BORINGS, TEST PITS & SOIL VAPOR POINTS ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.
2. TW-4 WAS INSTALLED TO 13ft BGS AND NO GROUNDWATER WAS ENCOUNTERED

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

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

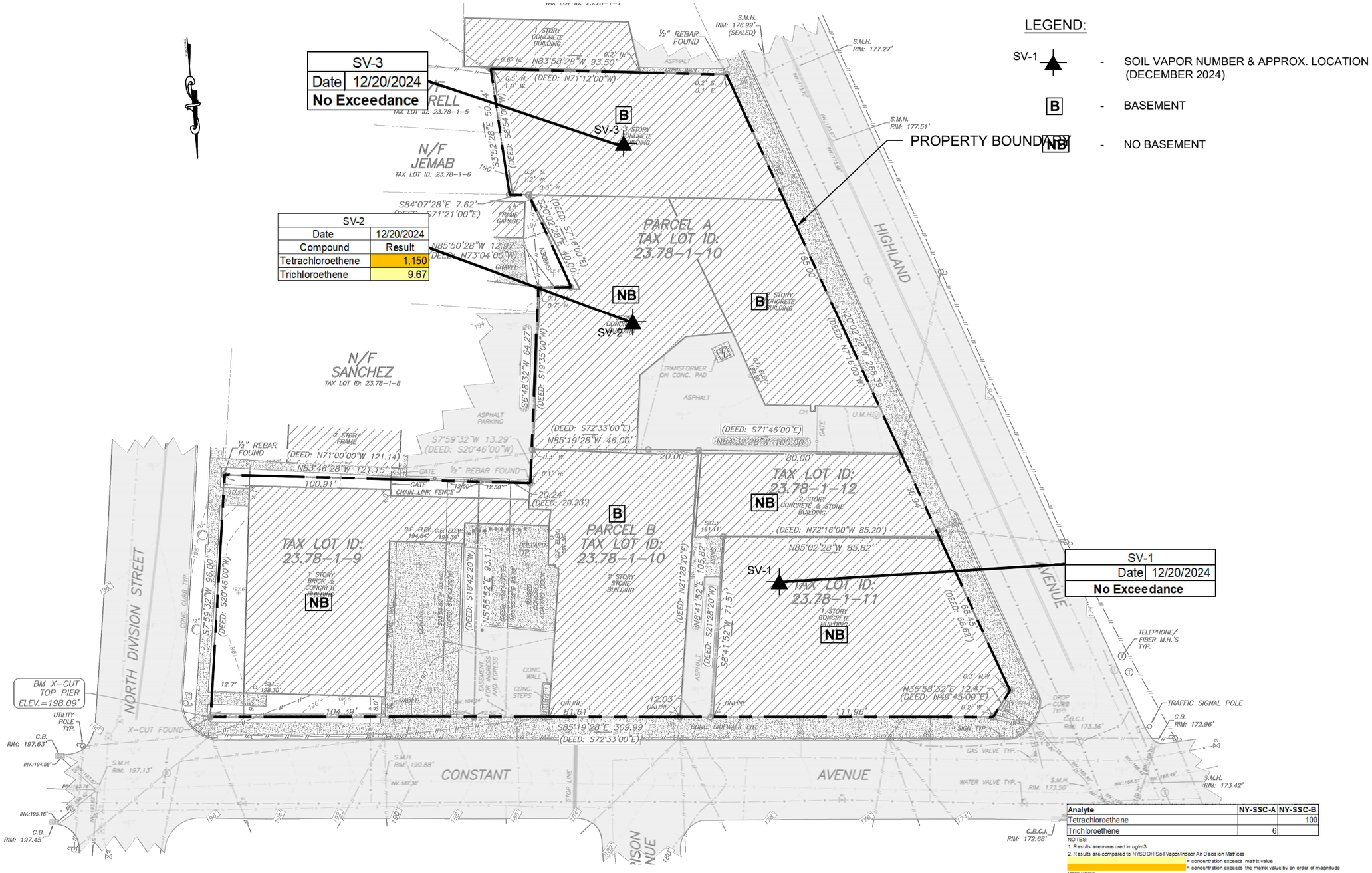
project:
418 NORTH DIVISION STREET
CITY OF PEEKSKILL
WESTCHESTER COUNTY, NEW YORK

title:
GROUNDWATER SAMPLE LOCATIONS AND CONCENTRATION PLAN

job no: 13904
drawing no:

FIG 3.2

N:\ACAD\13904\CAD\ENVIRONMENTAL\13904.DWG_SITE_LOCATION_PLAN.DWG 03/14/25 03:49:52PM, alan.ward, LAYOUT:GW



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, dan.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
						(0.5-5) Fill: Brown/ gray coarse to fine SAND and GRAVEL, some silt	0
							0
5				5			0
	47	2	5				0
						(5-9) Brown/yellow coarse to fine SAND and GRAVEL, some silt. wet at 7'	0
							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
INSPECTOR:	Ronnie R	DATE COMPLETED:	1/29/2025

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	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 (0.5-5)' Fill: Light brown to brown medium to fine SAND, some coarse to fine Gravel, trace Silt. No visual impacts. No odor. Mostly dry.	0
							0
							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
						(0.5-3)' Fill: Light browm to brown medium fne SAND, little medium to fine	0
						Gravel, little Silt. No visual impacts. No odor. Mostly dry.	0
							0.1
3				3			0
	25	2	3			(3-6)' Possible fill: Light brown to brown medium to fine, little medium to fine	0
						Gravel, little Silt. No visual impacts. No odor. Mostly dry.	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')
						End of Boring at +/- 10 feet BGS.	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
						End of Boring at +/-5 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-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')
						End of Boring at +/- 10 feet BGS	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

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

NY # 11301

Canister Sampling Information

February 16, 2025

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

Location Code: SESI-NYSAMPLES

Project ID: PEEKSKILL NY

SDG I.D.: GCS34475

						Laboratory					Field			
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	Sampling Start Date	Sampling End Date
SV-1	CS34475	7647	6.0L	7000	12/19/24	-30	-30	45	46	2.2	-29		12/20/24 08:55	12/20/24 00:00
SV-3	CS34476	9494	6.0L	5706	12/19/24	-30	-4	45	45	0.0	-29		12/20/24 09:00	12/20/24 00:00
SV-2	CS34477	12871	6.0L	10682	12/19/24	-30	0	45	45	0.0	-29		12/20/24 08:45	12/20/24 00:00

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

Sample Criteria Exceedances Report

GCS34475 - SESI-NYSAMPLES

Criteria: NY: AIRSV

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CS34477	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Sub-Slab Vapor	1.80	0.185	1.12	1.12	ppbv
CS34477	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	170	0.184	14.8	14.8	ppbv

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site 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. # 13906 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 CASP CAT B
Address:	~~154 Maple Avenue~~ 959 US 46 Fl 3 Ste 300 Pmr		MCP NJ Deliverables
16632	~~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 12/12/24		12.23.2024	1113
		12/23/24	8:24

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.

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.

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

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

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
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

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
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

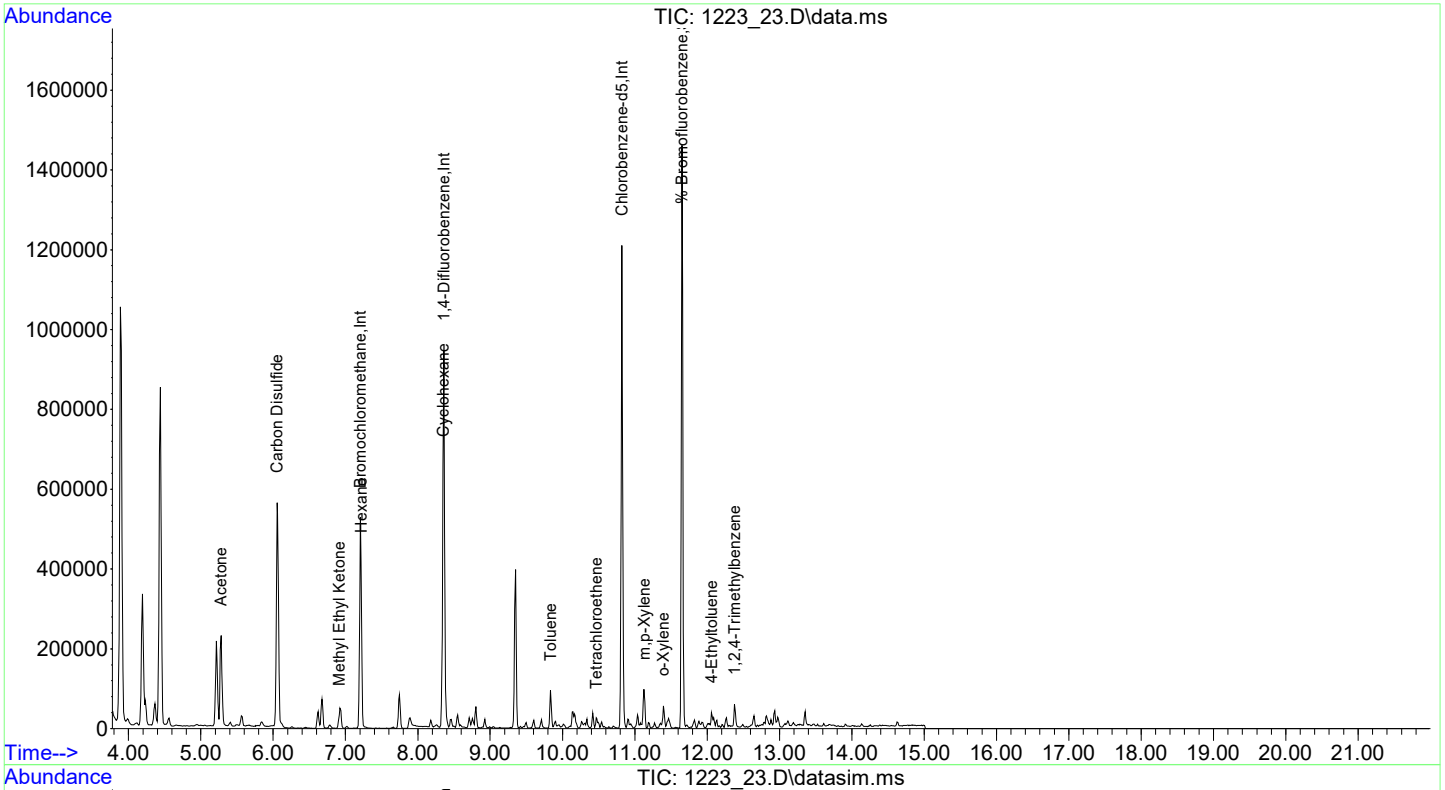
Quant Time: Dec 24 09:38:44 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

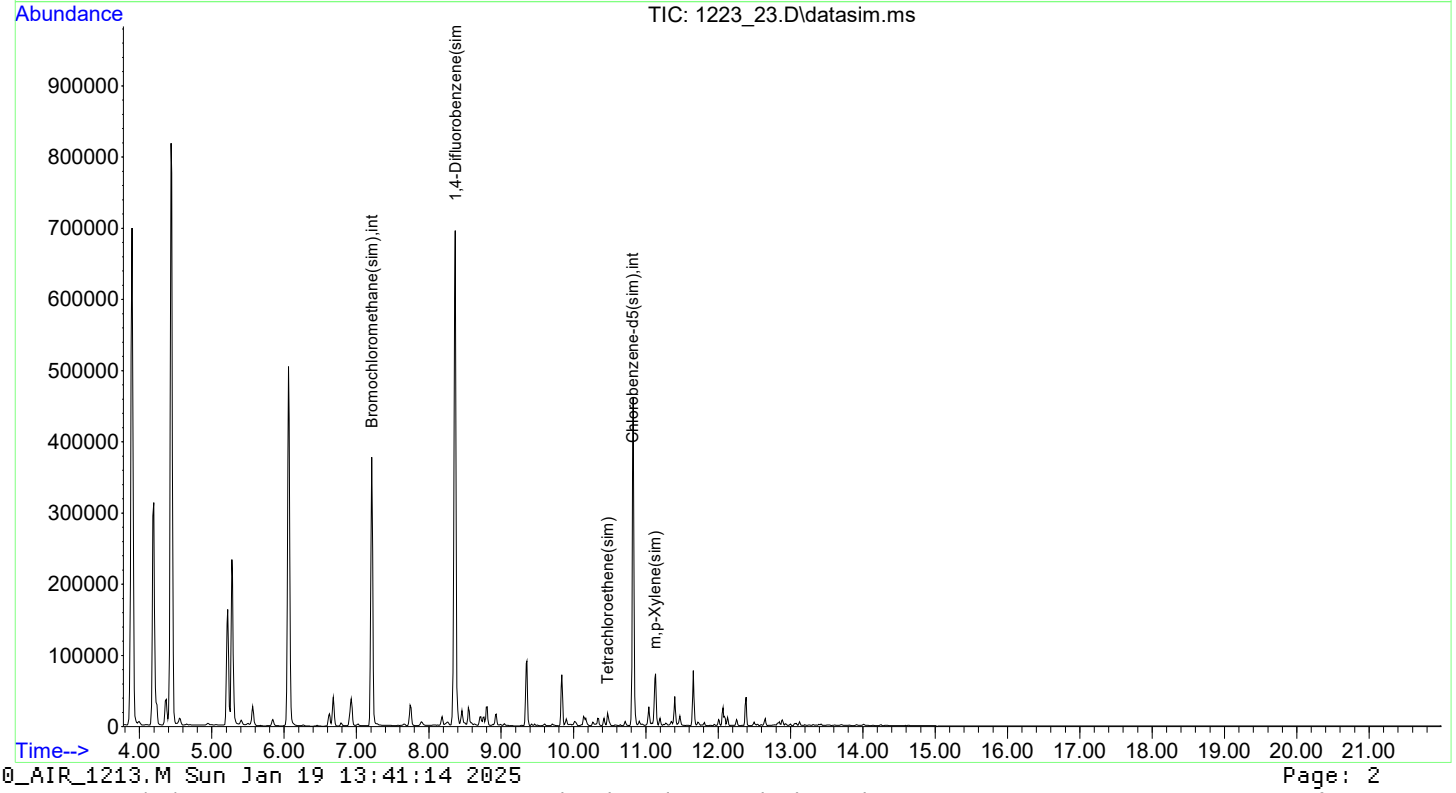
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.205	130	171323	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.360	114	608204	10.000	ng		0.00
53) Chlorobenzene-d5	10.821	82	298328	10.000	ng		0.00
80) Bromochloromethane(sim)	7.211	130	184754	10.000	ng	#	0.00
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

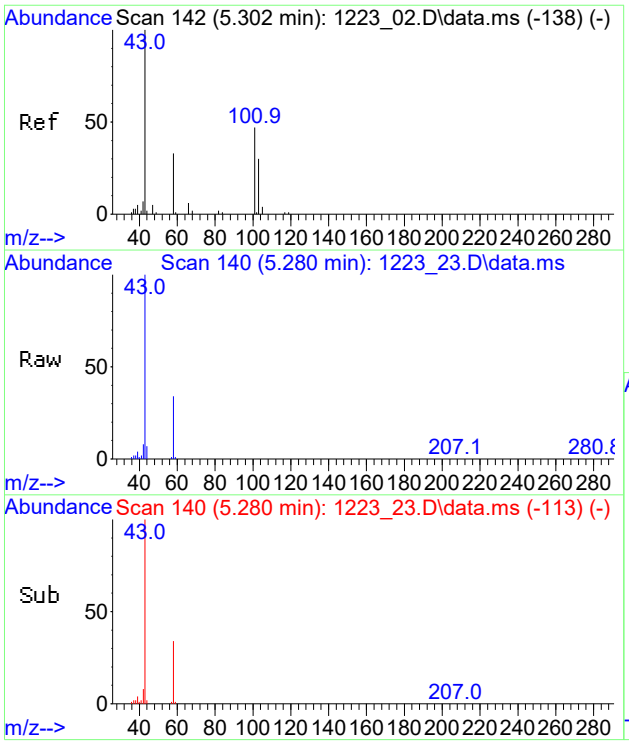
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

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



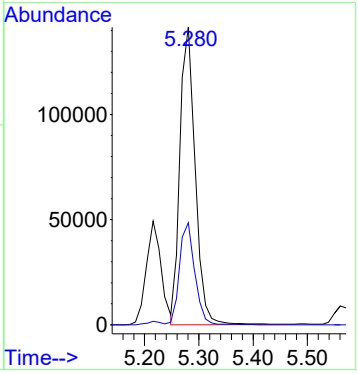


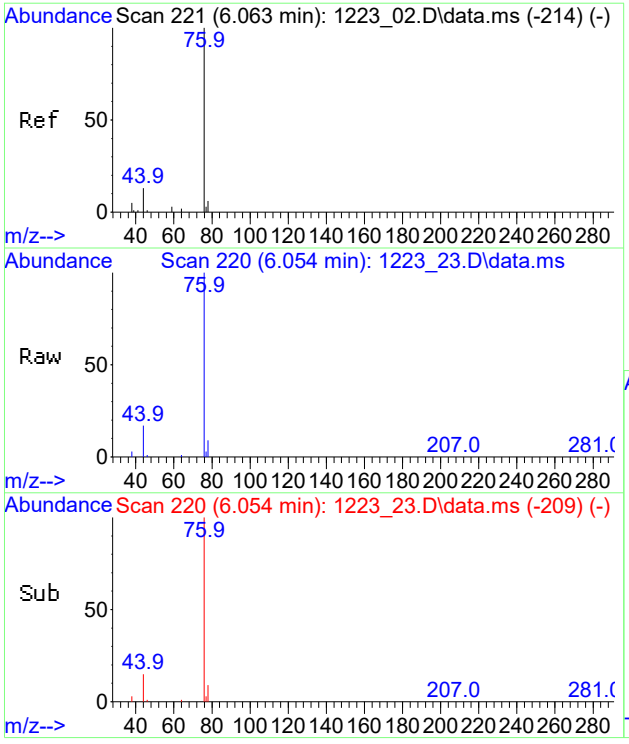


#12
Acetone
Conc: 8$ 9.270 ppbv
RT: 5.280 min Scan# 140
Delta R.T. -0.011 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

Tgt Ion: 43 Resp: 275982

Ion	Ratio	Lower	Upper
43	100		
58	34.5	19.5	29.3#

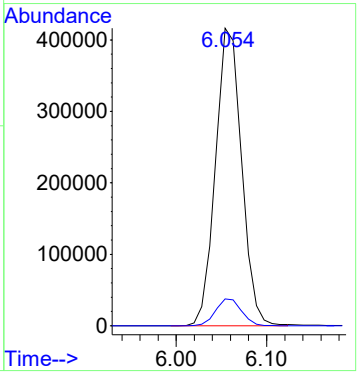


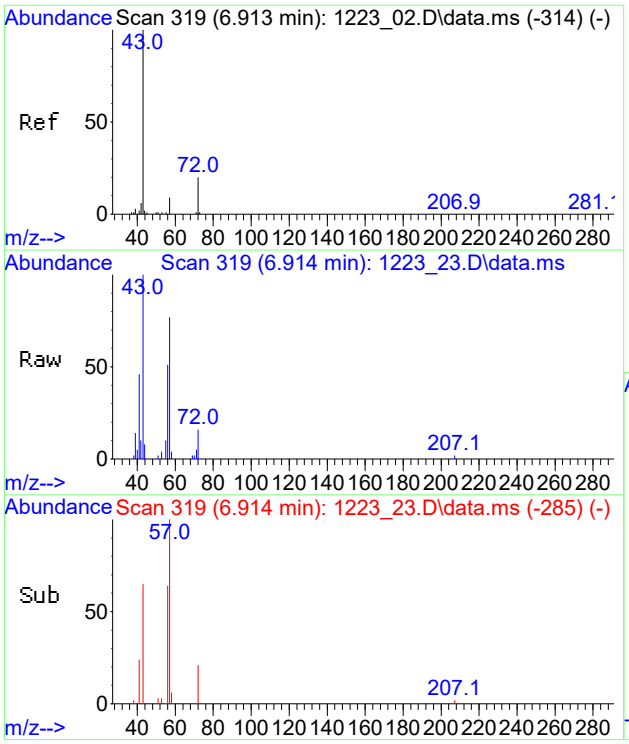


#20
Carbon Disulfide
Conc: 8$ 17.934 ppbv
RT: 6.054 min Scan# 220
Delta R.T. -0.009 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

Tgt Ion: 76 Resp: 836855

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

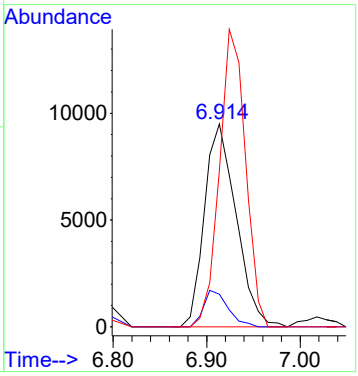


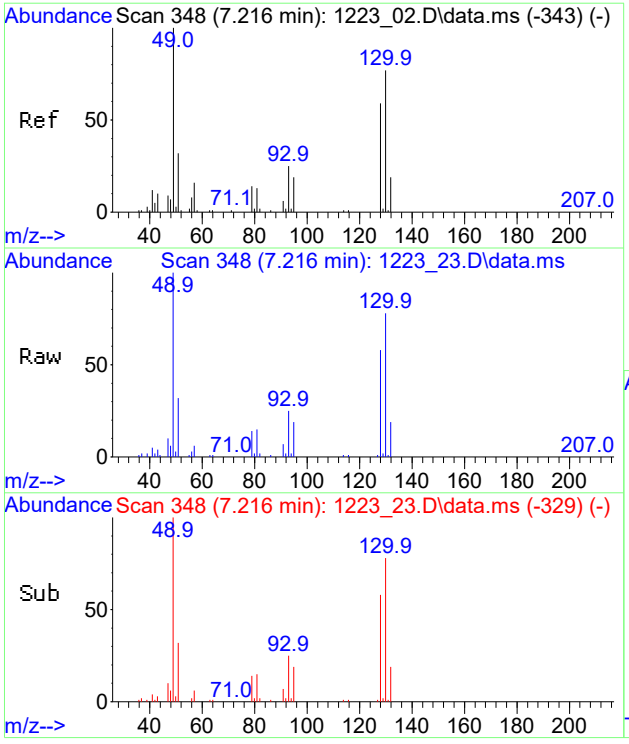


#25
Methyl Ethyl Ketone
Conc: 8$ 0.552 ppbv
RT: 6.914 min Scan# 319
Delta R.T. 0.011 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

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#

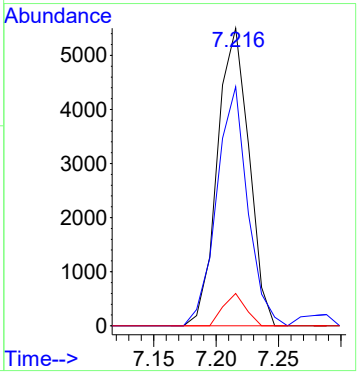


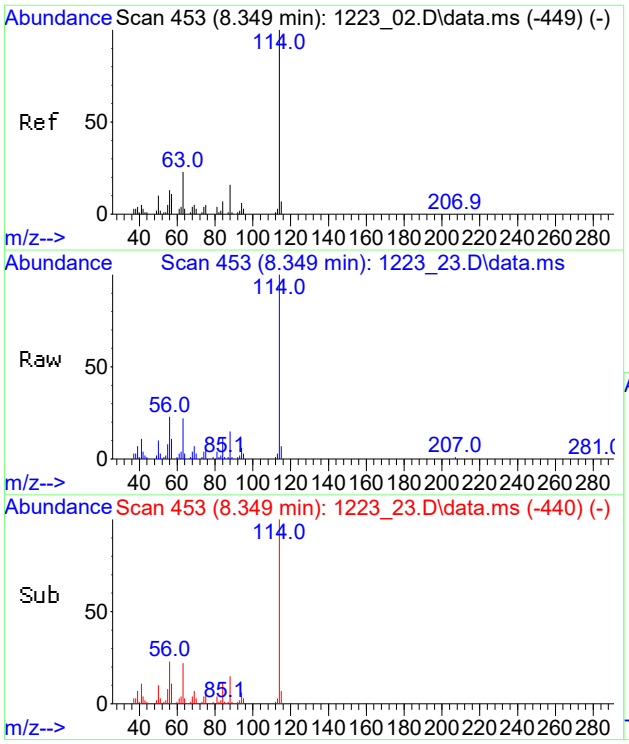


#27
Hexane
Conc: 8$ 0.326 ppbv
RT: 7.216 min Scan# 348
Delta R.T. 0.001 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

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#

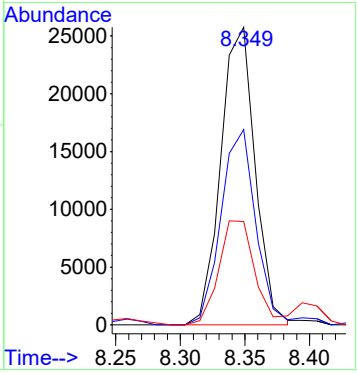


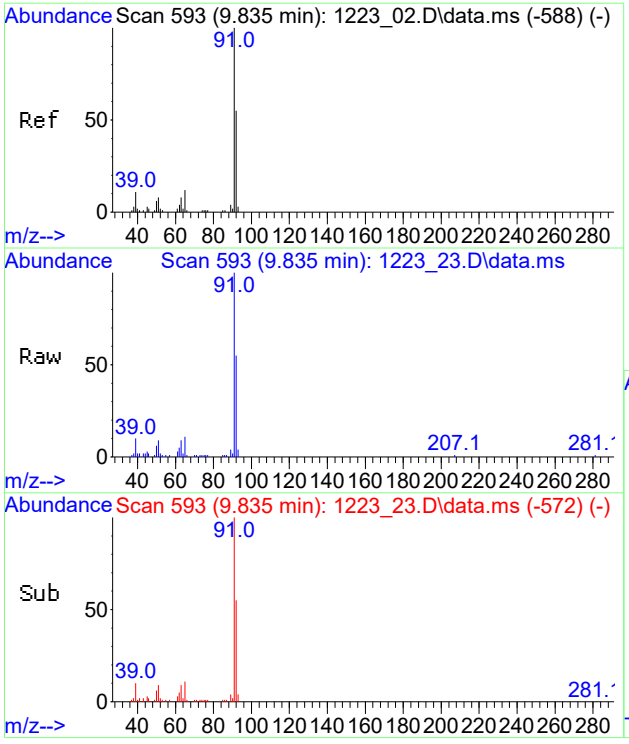


#35
Cyclohexane
Conc: 8$ 2.335 ppbv
RT: 8.349 min Scan# 453
Delta R.T. 0.000 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

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

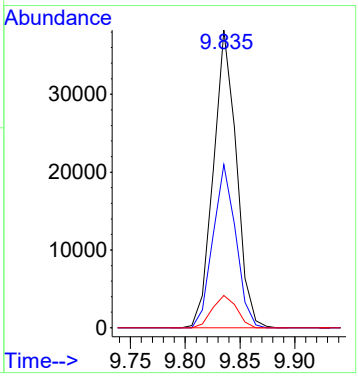


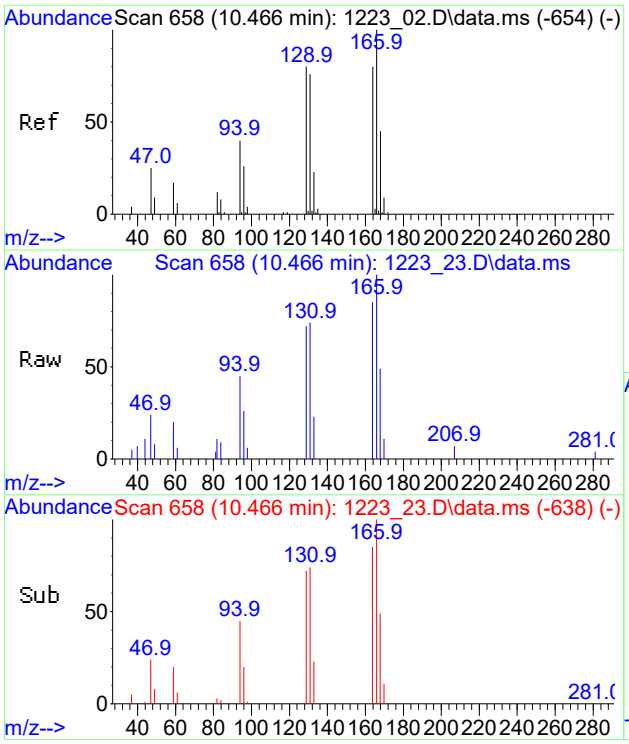


#48
Toluene
Conc: 8$ 0.851 ppbv
RT: 9.835 min Scan# 593
Delta R.T. 0.000 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

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

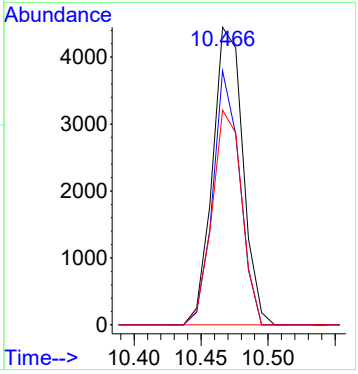


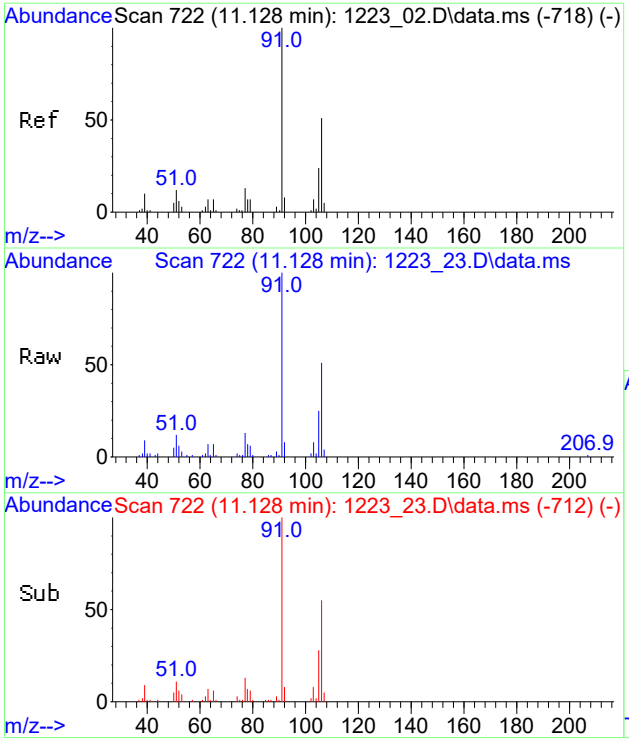


#52
Tetrachloroethene
Conc: 8$ 0.203 ppbv
RT: 10.466 min Scan# 658
Delta R.T. -0.010 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

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

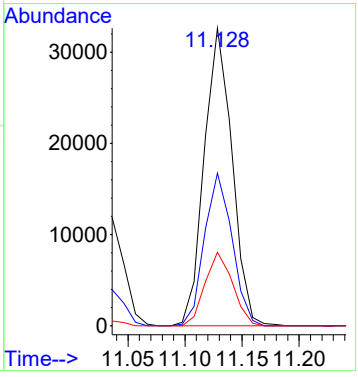


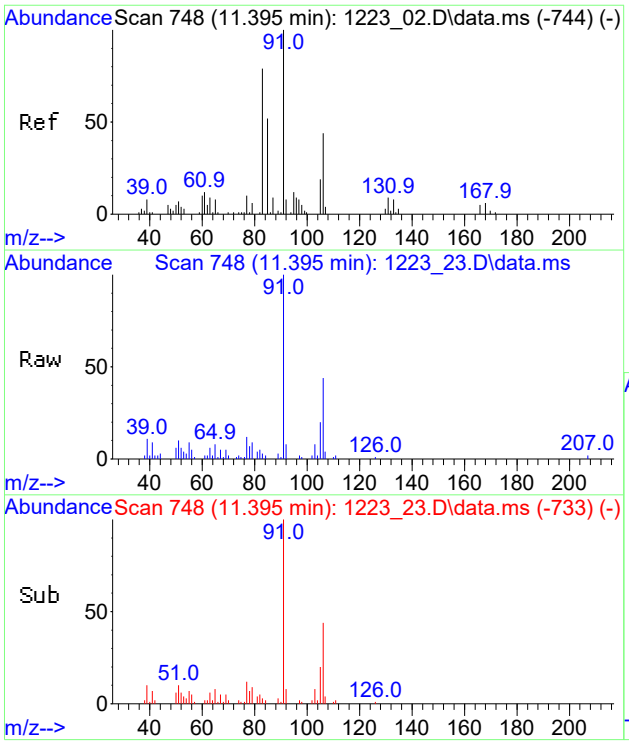


#57
m,p-Xylene
Conc: 8$ 0.959 ppbv
RT: 11.128 min Scan# 722
Delta R.T. 0.000 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

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

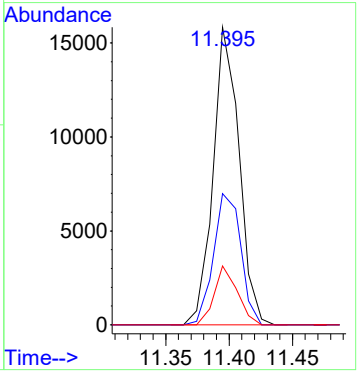


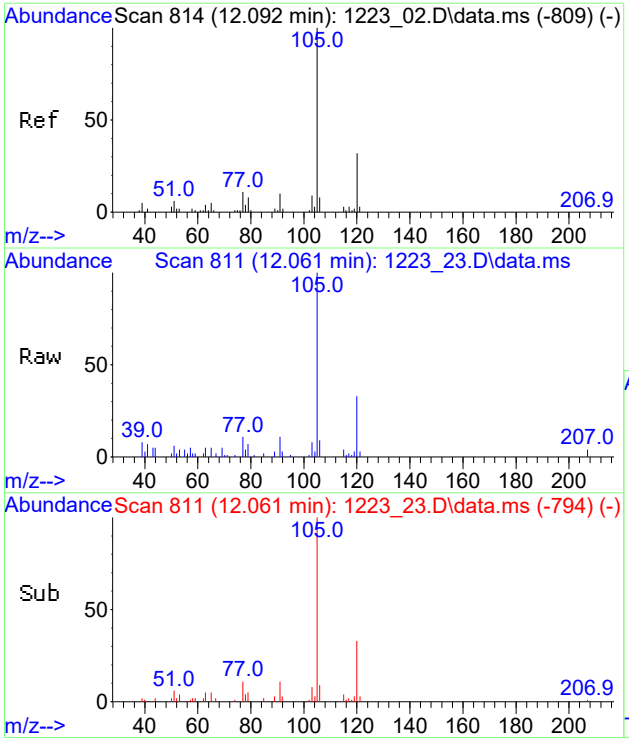


#61
o-Xylene
Conc: 8$ 0.371 ppbv
RT: 11.395 min Scan# 748
Delta R.T. -0.000 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

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

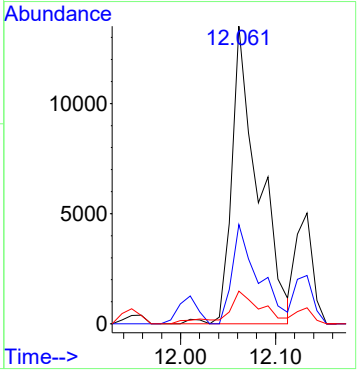


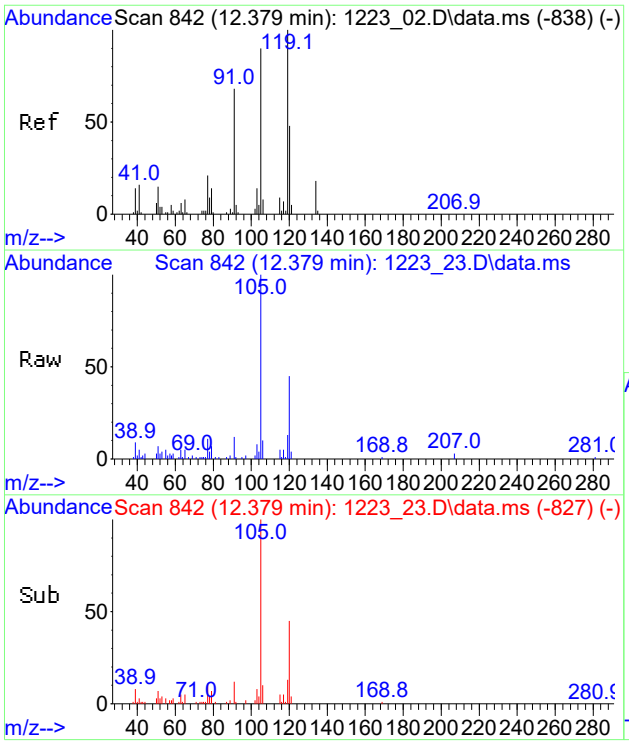


#66
4-Ethyltoluene
Conc: 8$ 0.304 ppbv
RT: 12.061 min Scan# 811
Delta R.T. -0.031 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

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

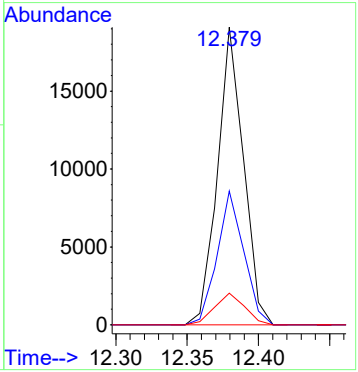


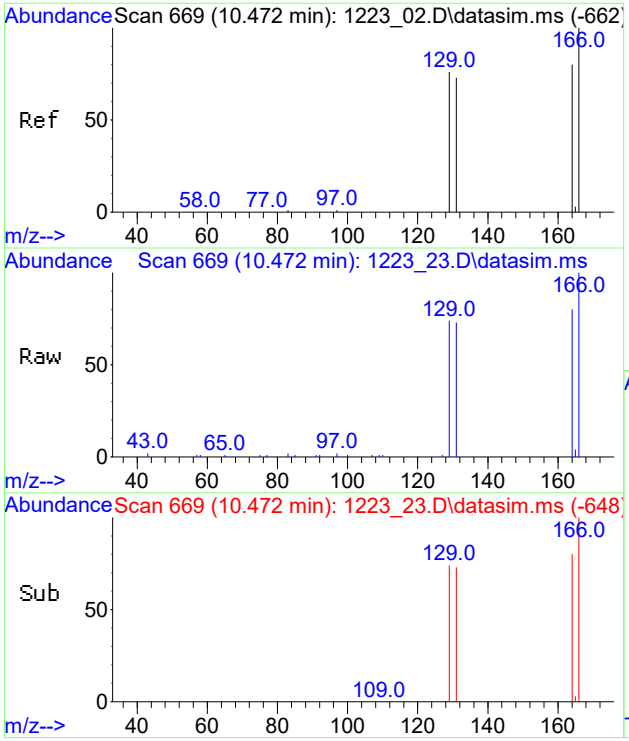


#68
1,2,4-Trimethylbenzene
Conc: 8$ 0.337 ppbv
RT: 12.379 min Scan# 842
Delta R.T. 0.000 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

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#

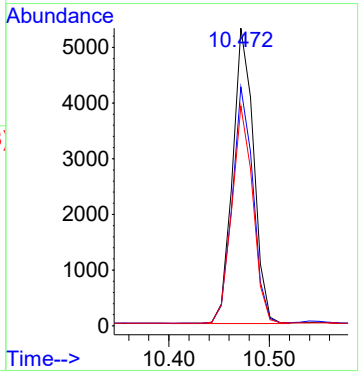


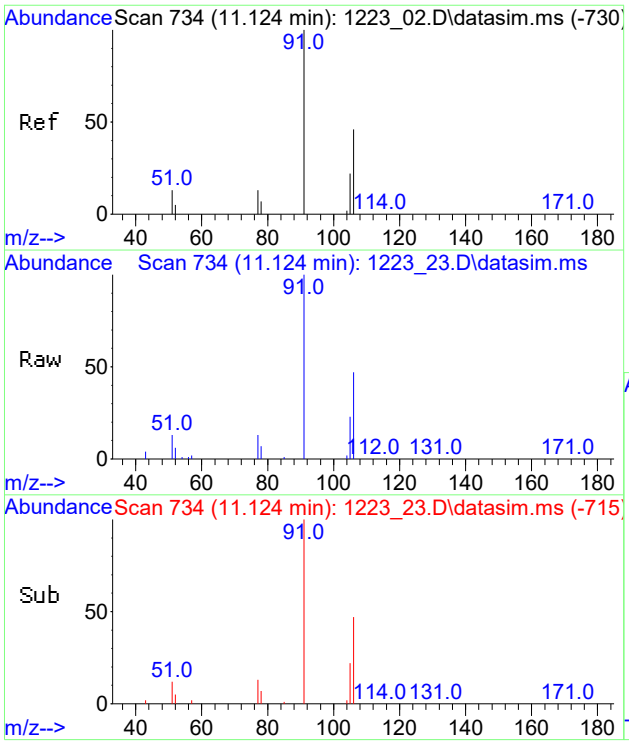


#104
Tetrachloroethene(sim)
Conc: 8$ 0.198 ppbv
RT: 10.472 min Scan# 669
Delta R.T. -0.000 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

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

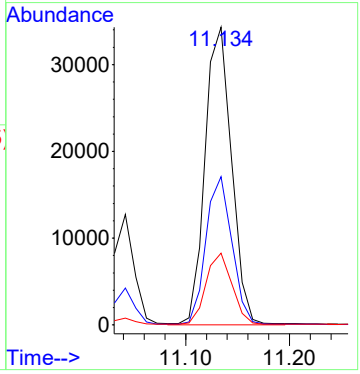




#107
m,p-Xylene(sim)
Conc: 8$ 0.813 ppbv
RT: 11.128 min Scan# 734
Delta R.T. 0.000 min
Lab File: 1223_23.D
Acq: 24 Dec 2024 4:31 am

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

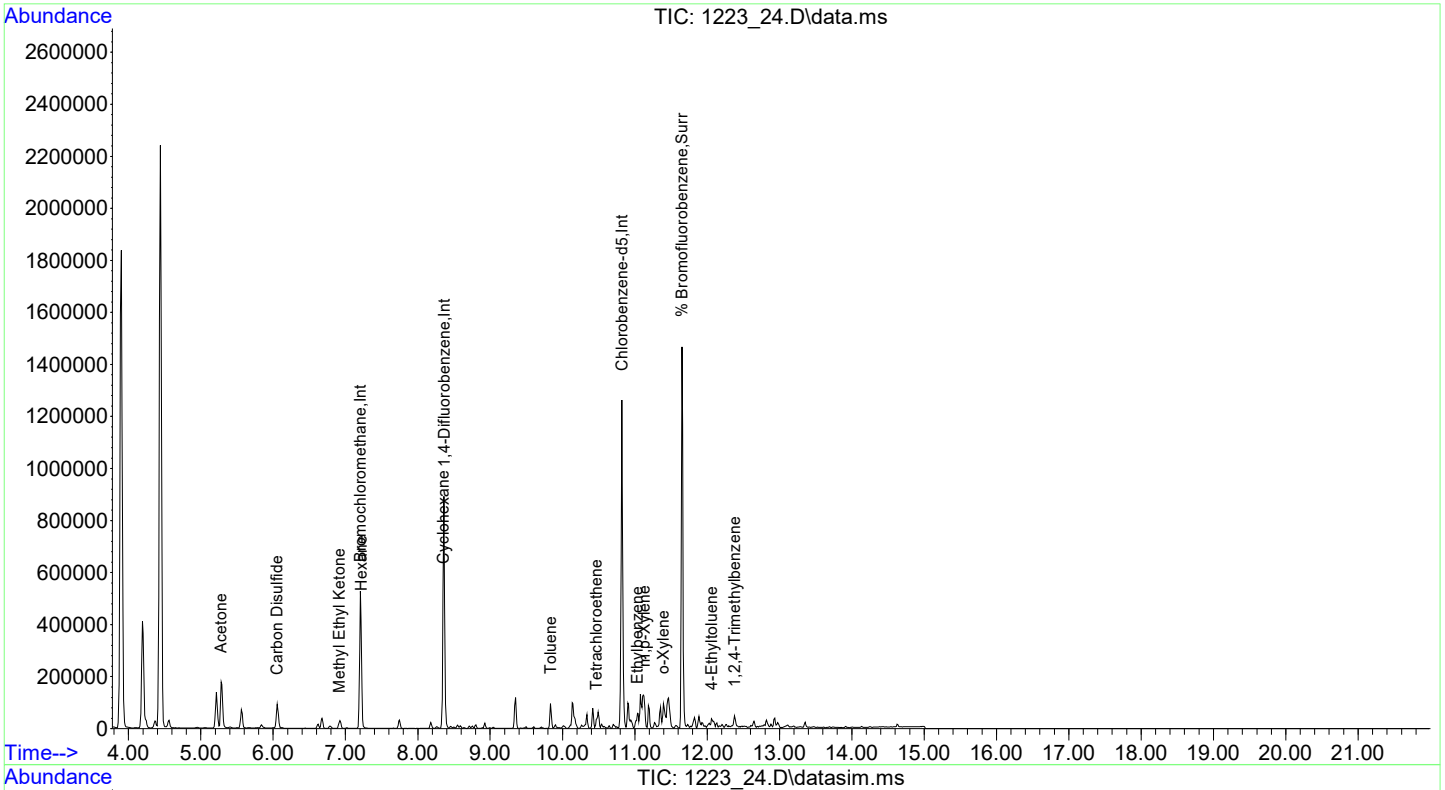
Quant Time: Dec 24 09:39:10 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

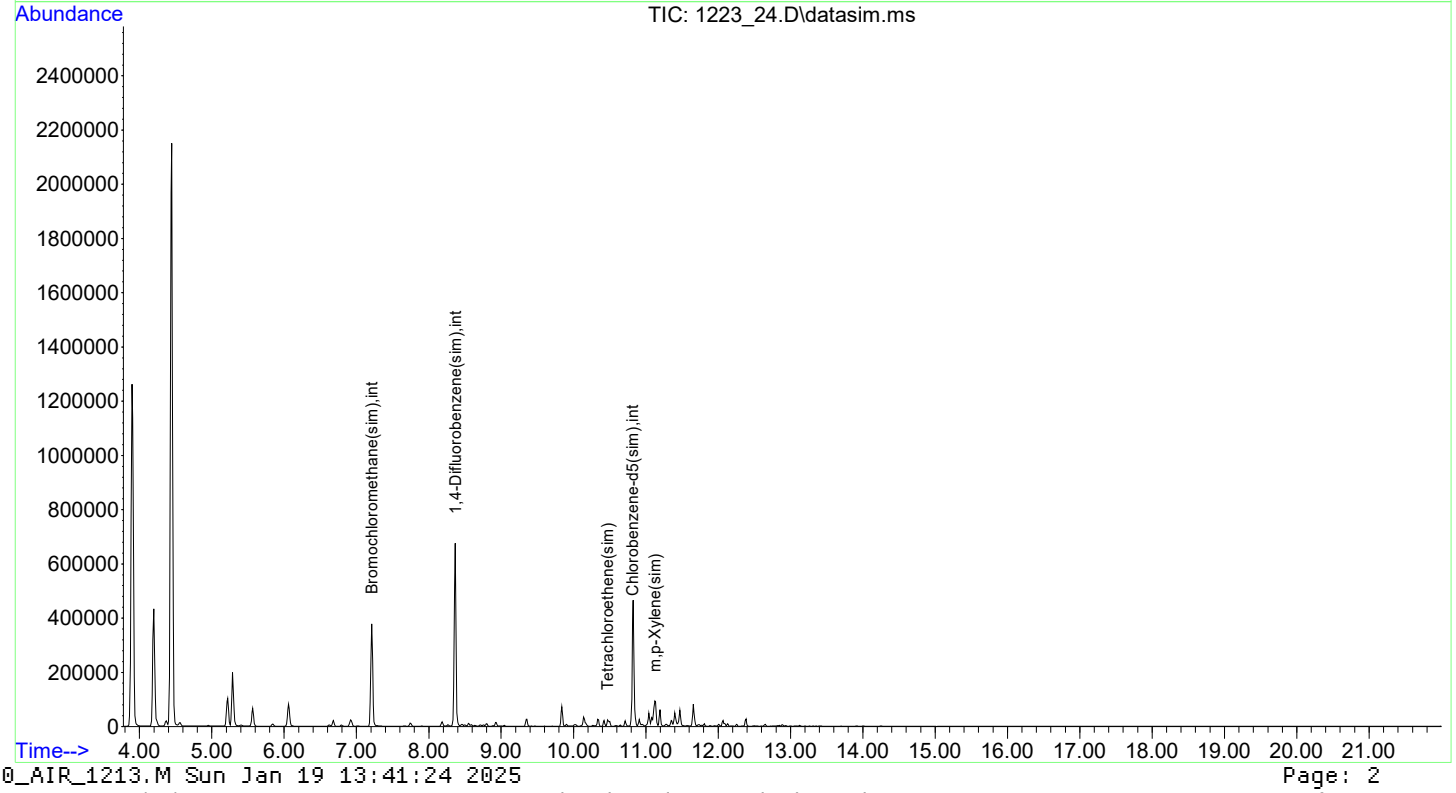
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.205	130	168286	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.360	114	606155	10.000	ng		0.00
53) Chlorobenzene-d5	10.821	82	302853	10.000	ng		0.00
80) Bromochloromethane(sim)	7.211	130	184048	10.000	ng	#	0.00
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

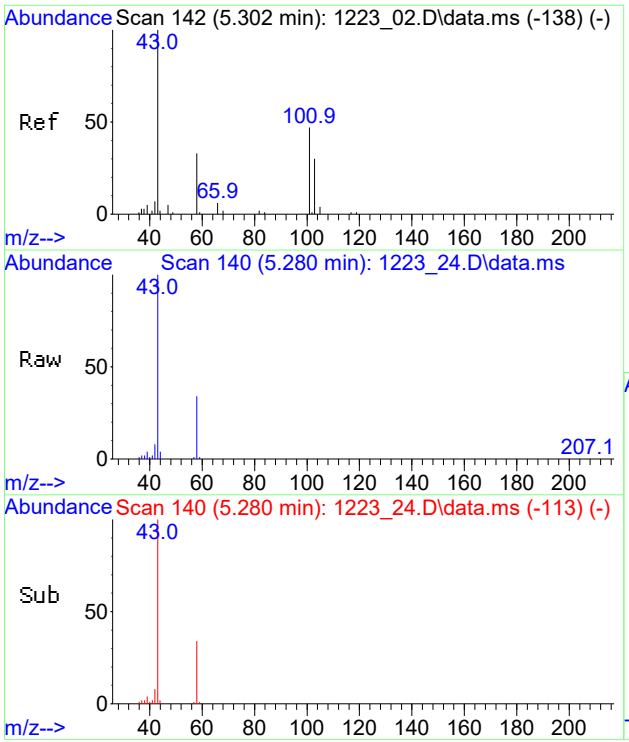
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

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



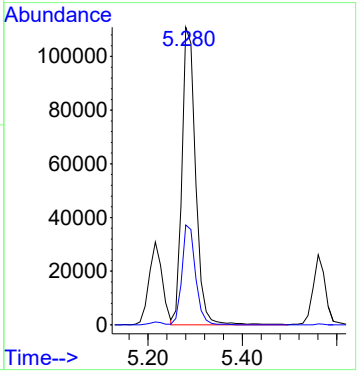


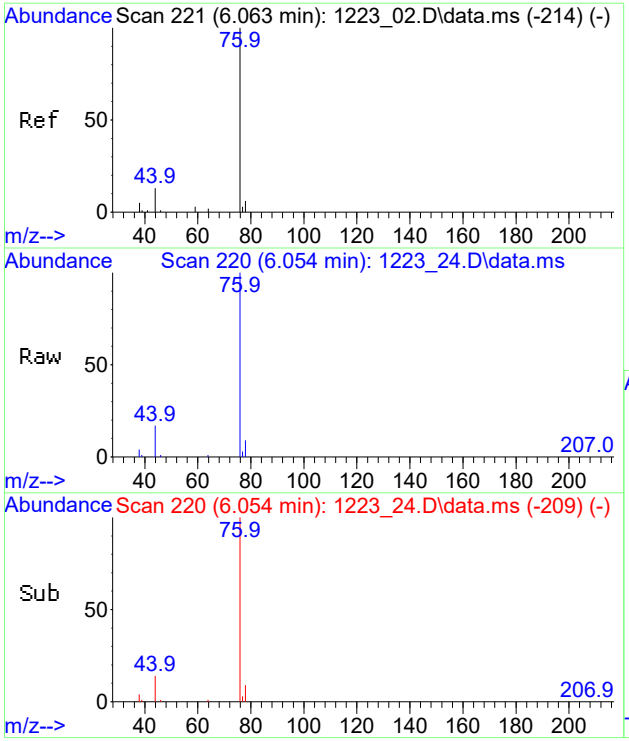


#12
Acetone
Conc: 8$ 7.667 ppbv
RT: 5.280 min Scan# 140
Delta R.T. -0.011 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

Tgt Ion: 43 Resp: 224199

Ion	Ratio	Lower	Upper
43	100		
58	33.4	19.5	29.3#

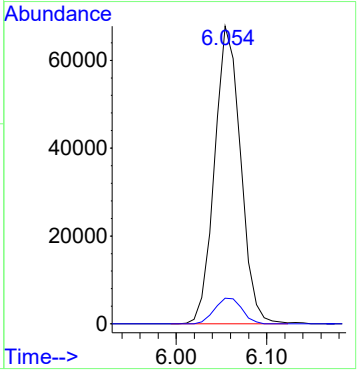


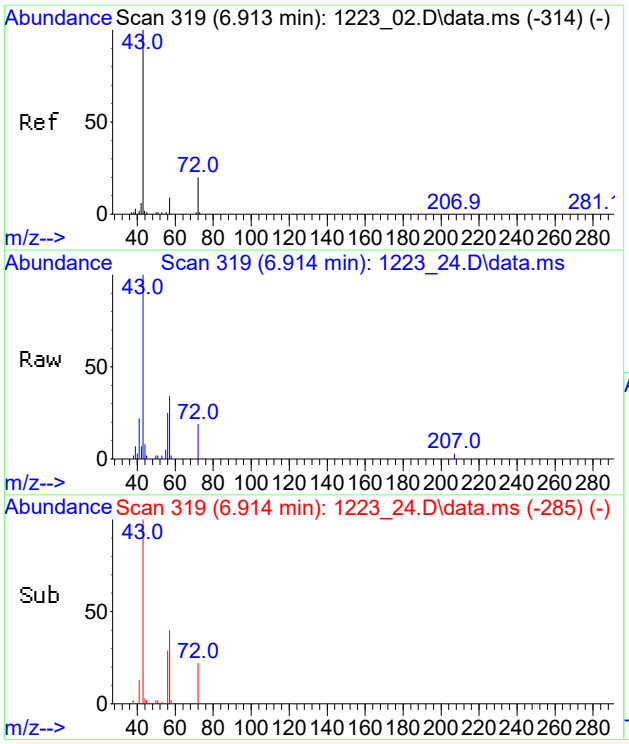


#20
Carbon Disulfide
Conc: 8$ 2.958 ppbv
RT: 6.054 min Scan# 220
Delta R.T. -0.009 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

Tgt Ion: 76 Resp: 135565

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

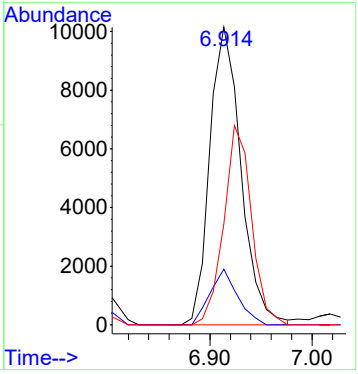


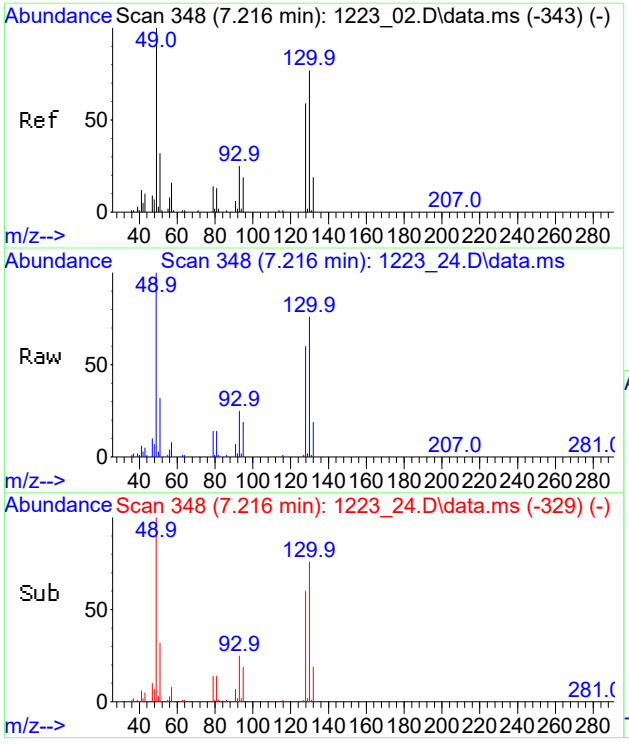


#25
Methyl Ethyl Ketone
Conc: 8$ 0.542 ppbv
RT: 6.914 min Scan# 319
Delta R.T. 0.011 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

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#

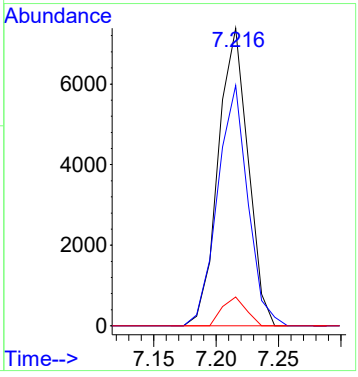


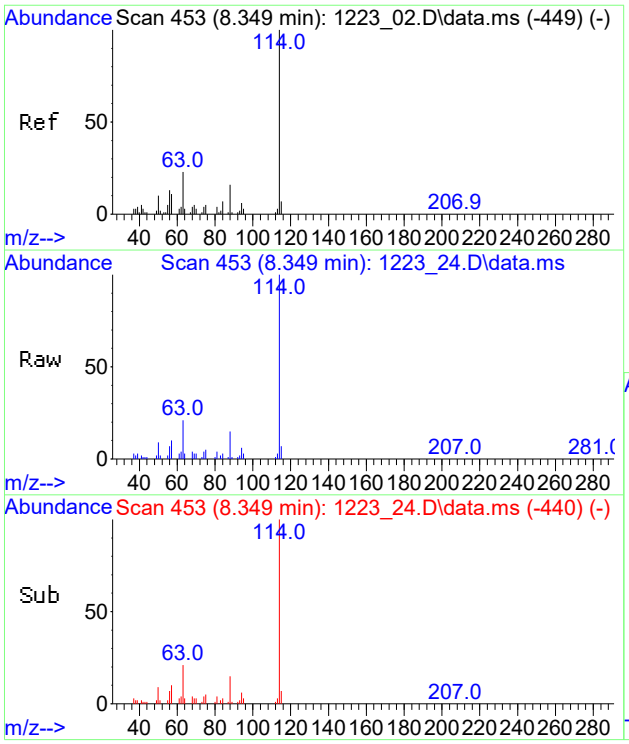


#27
Hexane
Conc: 8$ 0.422 ppbv
RT: 7.216 min Scan# 348
Delta R.T. 0.001 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

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#

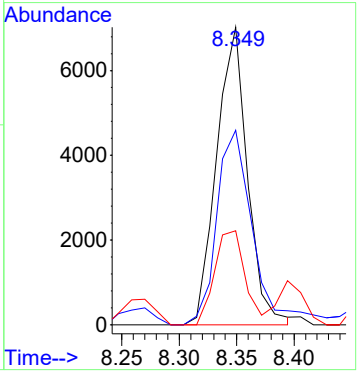


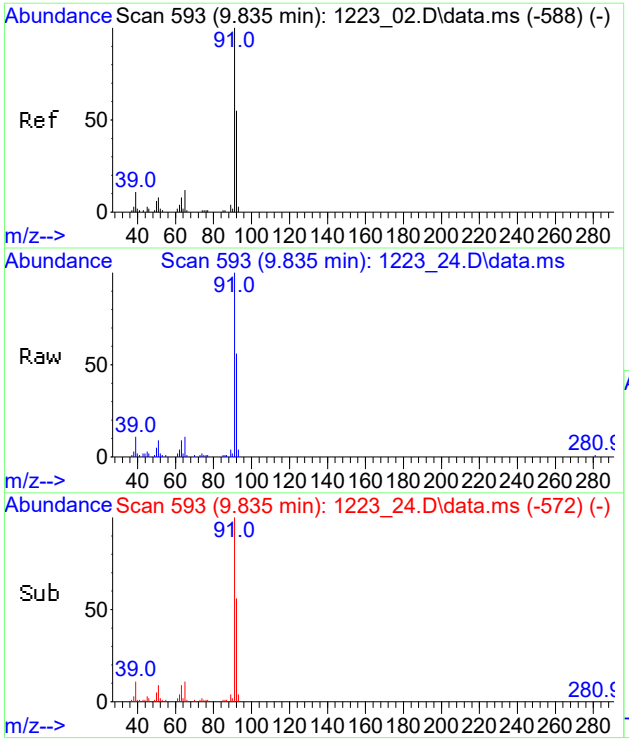


#35
Cyclohexane
Conc: 8$ 0.656 ppbv
RT: 8.349 min Scan# 453
Delta R.T. 0.000 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

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#

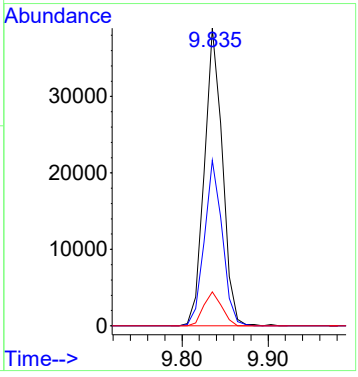


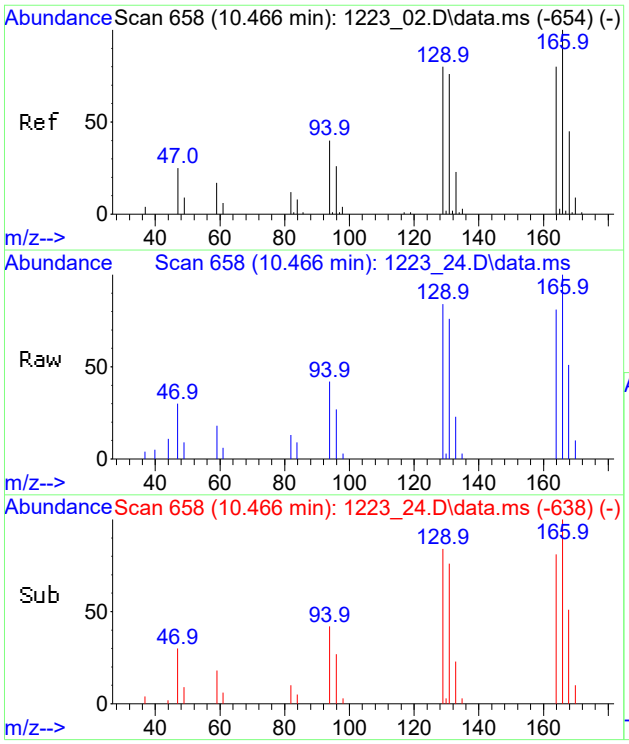


#48
Toluene
Conc: 8$ 0.862 ppbv
RT: 9.835 min Scan# 593
Delta R.T. 0.000 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

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

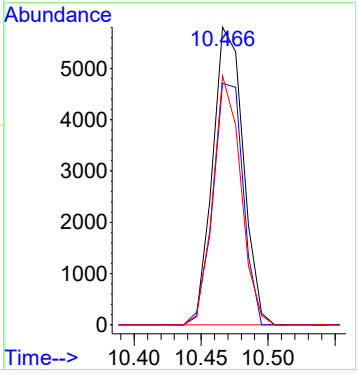


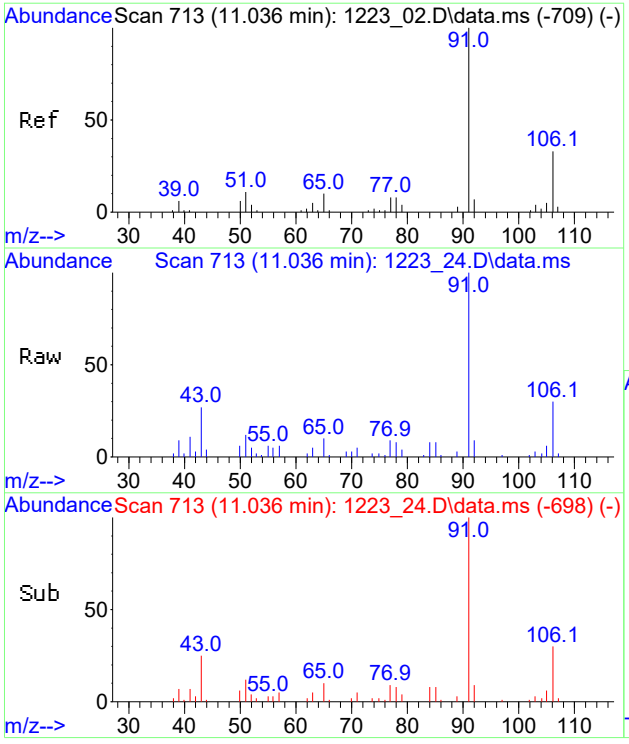


#52
Tetrachloroethene
Conc: 8$ 0.267 ppbv
RT: 10.466 min Scan# 658
Delta R.T. -0.010 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

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

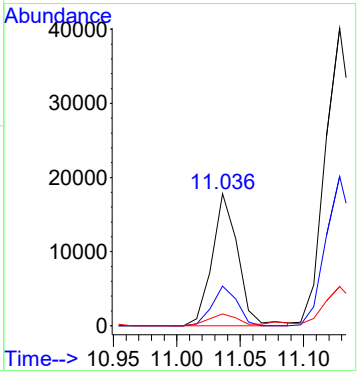


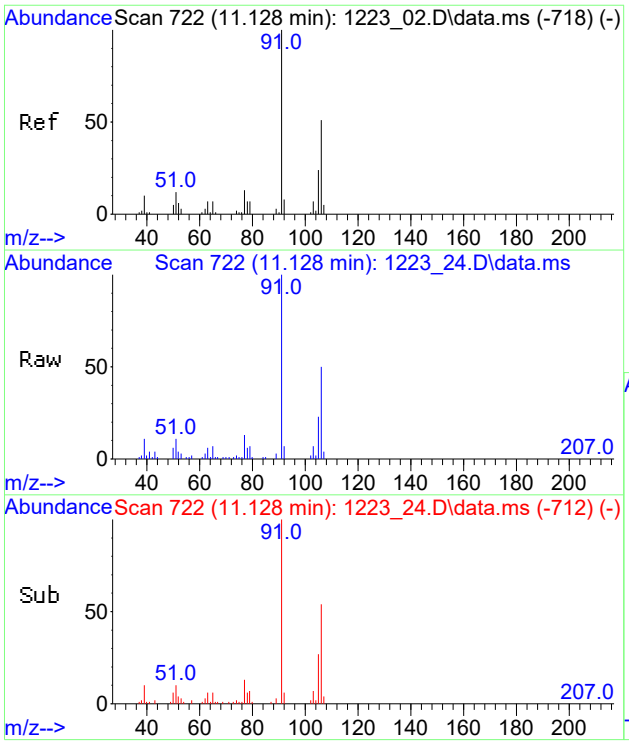


#56
Ethylbenzene
Conc: 8$ 0.326 ppbv
RT: 11.036 min Scan# 713
Delta R.T. 0.000 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

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

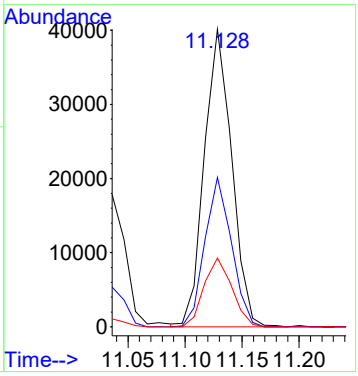


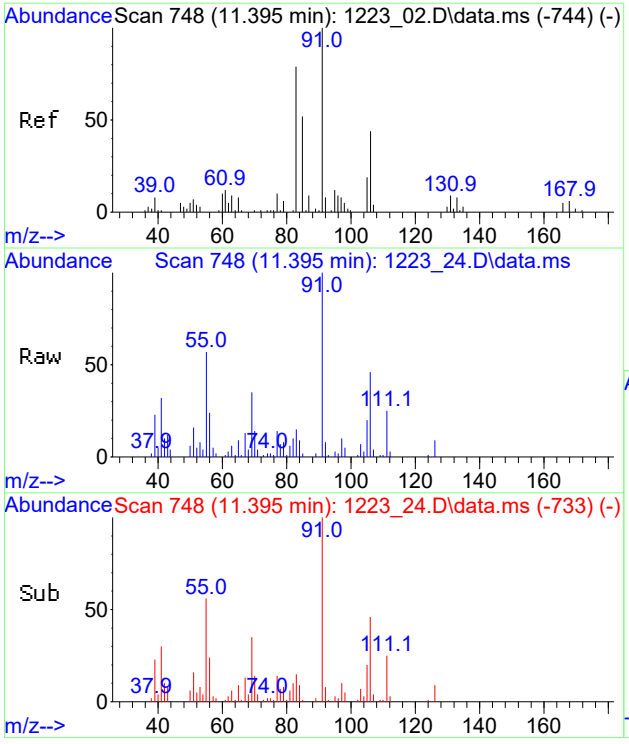


#57
m,p-Xylene
Conc: 8$ 1.144 ppbv
RT: 11.128 min Scan# 722
Delta R.T. 0.000 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

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

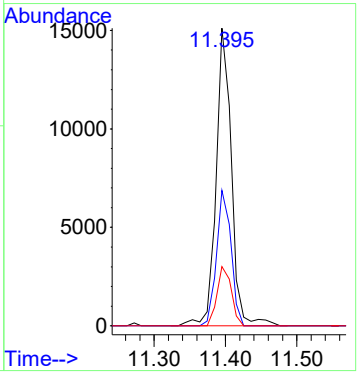


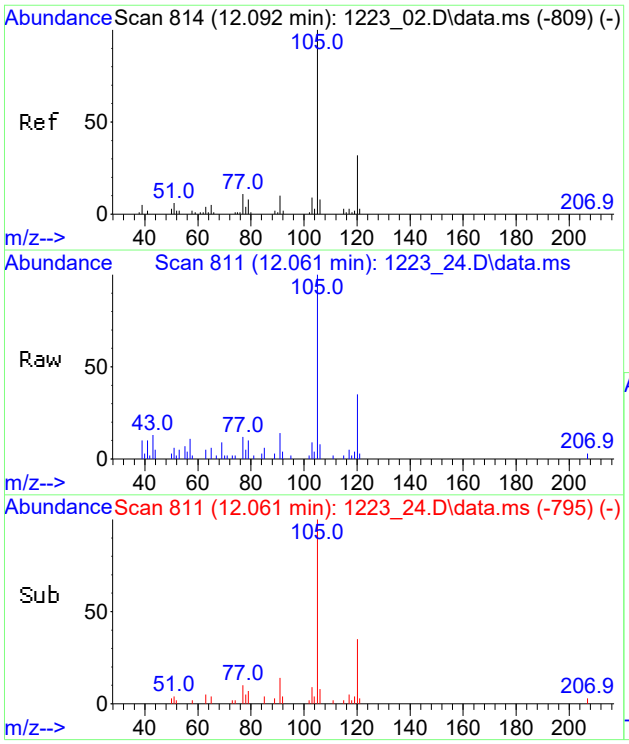


#61
o-Xylene
Conc: 8$ 0.365 ppbv
RT: 11.395 min Scan# 748
Delta R.T. -0.000 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

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

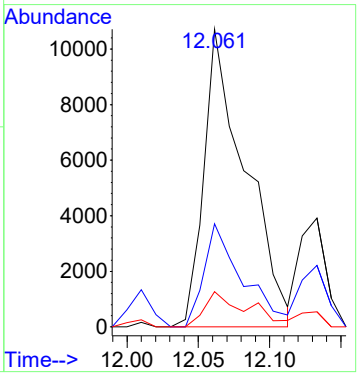


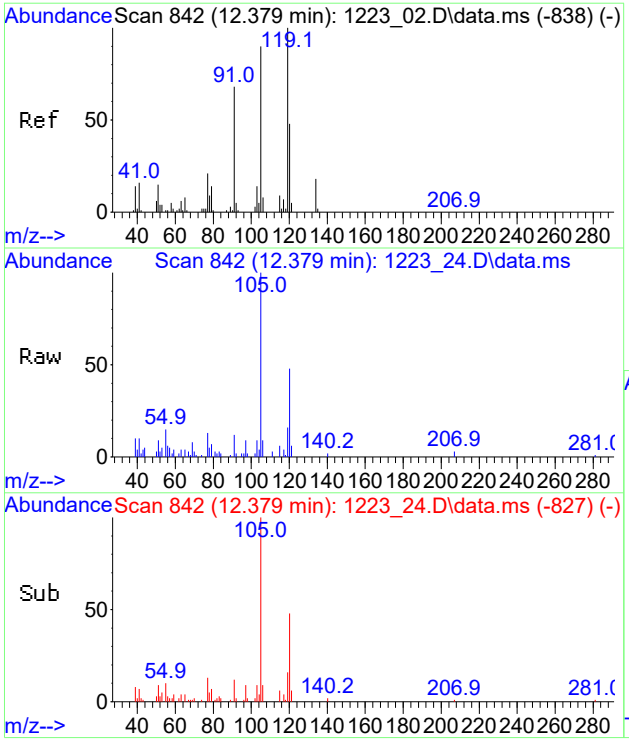


#66
4-Ethyltoluene
Conc: 8$ 0.247 ppbv
RT: 12.061 min Scan# 811
Delta R.T. -0.031 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

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

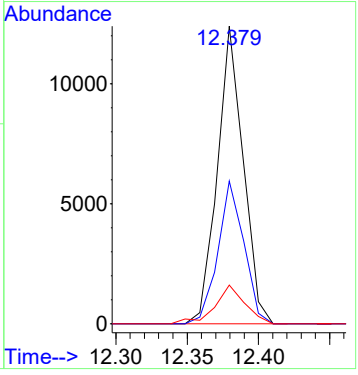


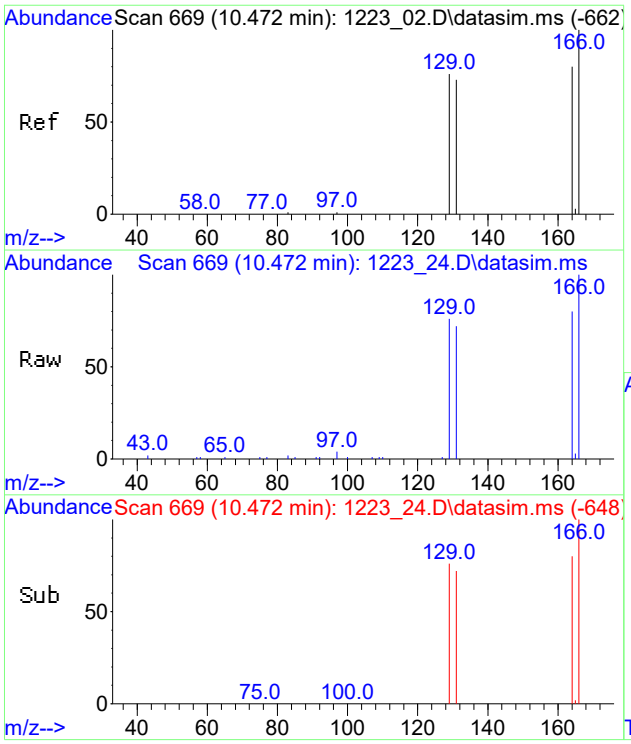


#68
1,2,4-Trimethylbenzene
Conc: 8$ 0.215 ppbv
RT: 12.379 min Scan# 842
Delta R.T. 0.000 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

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#

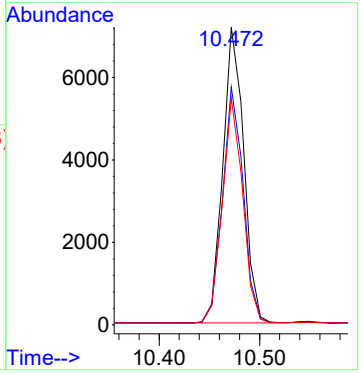


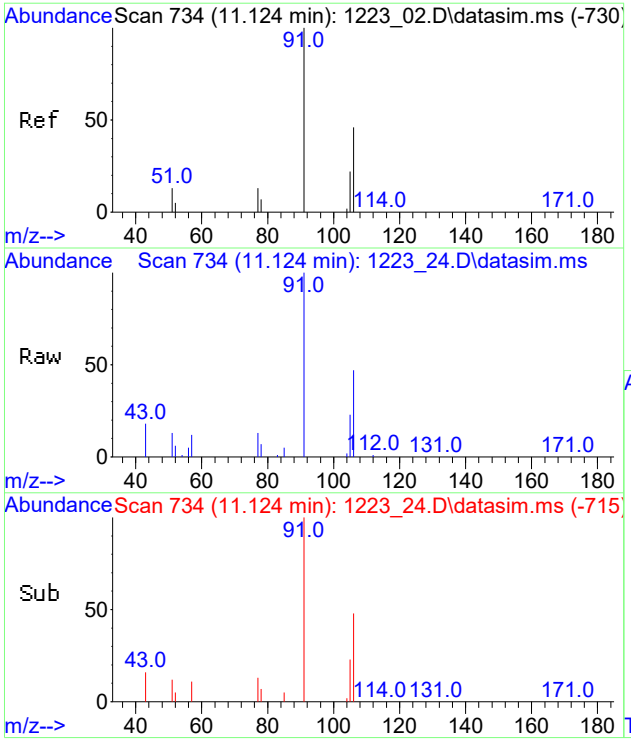


#104
Tetrachloroethene(sim)
Conc: 8$ 0.267 ppbv
RT: 10.472 min Scan# 669
Delta R.T. -0.000 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

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

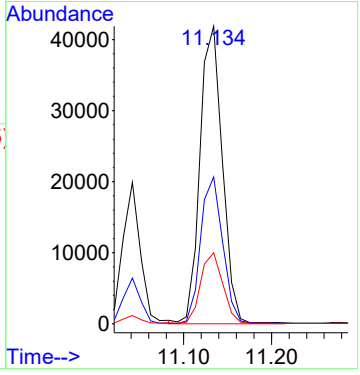




#107
m,p-Xylene(sim)
Conc: 8$ 0.971 ppbv
RT: 11.128 min Scan# 734
Delta R.T. 0.000 min
Lab File: 1223_24.D
Acq: 24 Dec 2024 5:03 am

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

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
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

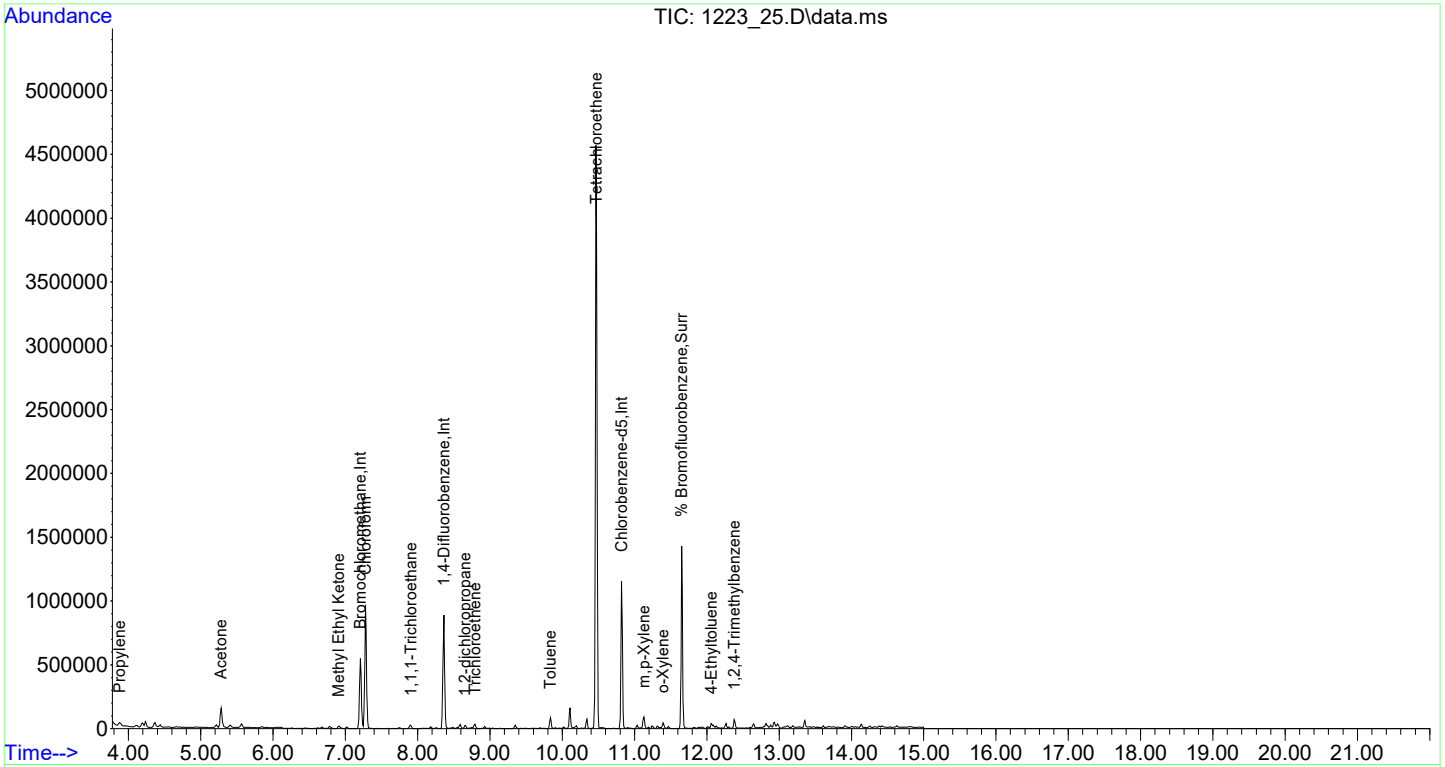
Quant Time: Dec 24 09:39:38 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

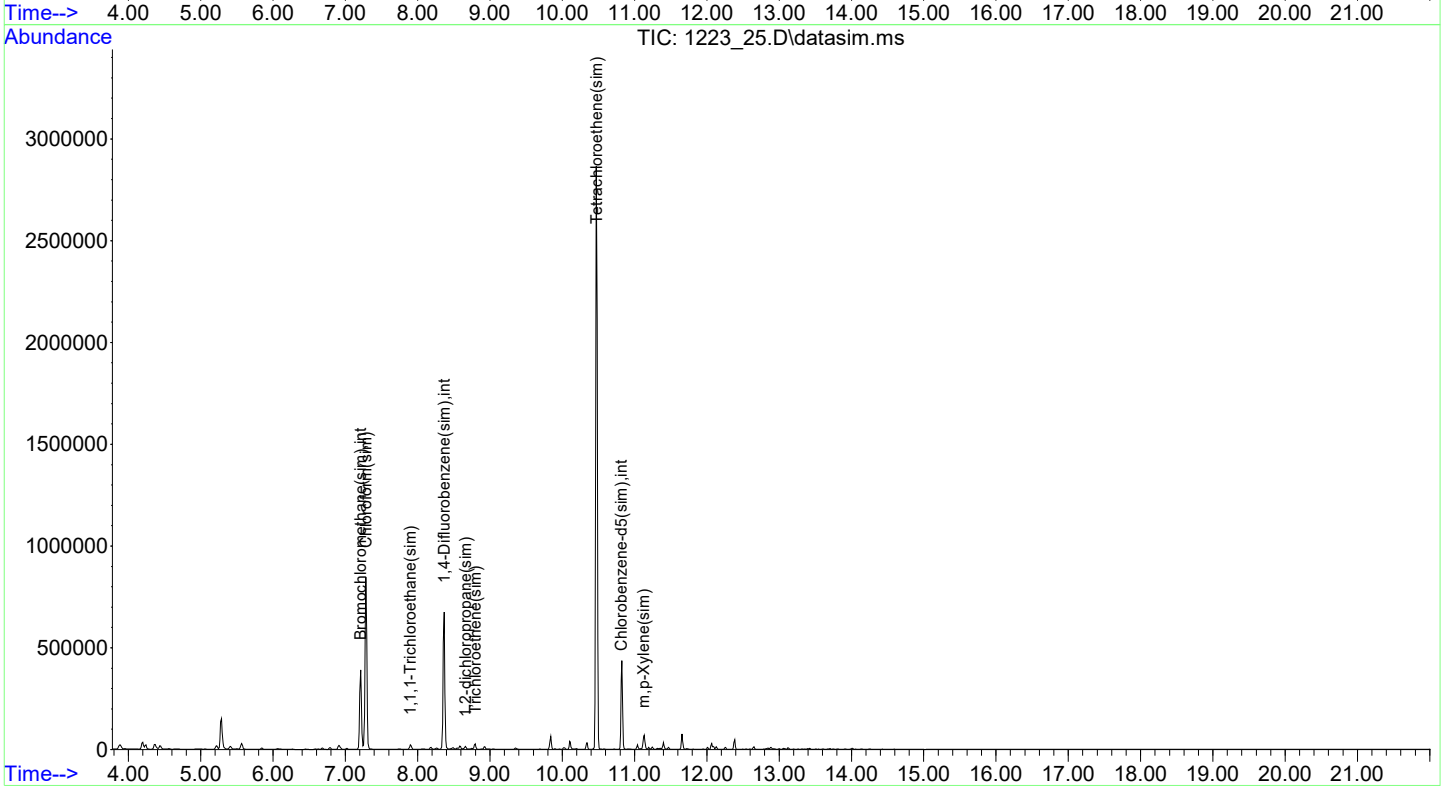
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.205	130	177900	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.360	114	610989	10.000	ng		0.00
53) Chlorobenzene-d5	10.821	82	281127	10.000	ng		0.00
80) Bromochloromethane(sim)	7.211	130	192553	10.000	ng	#	0.00
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

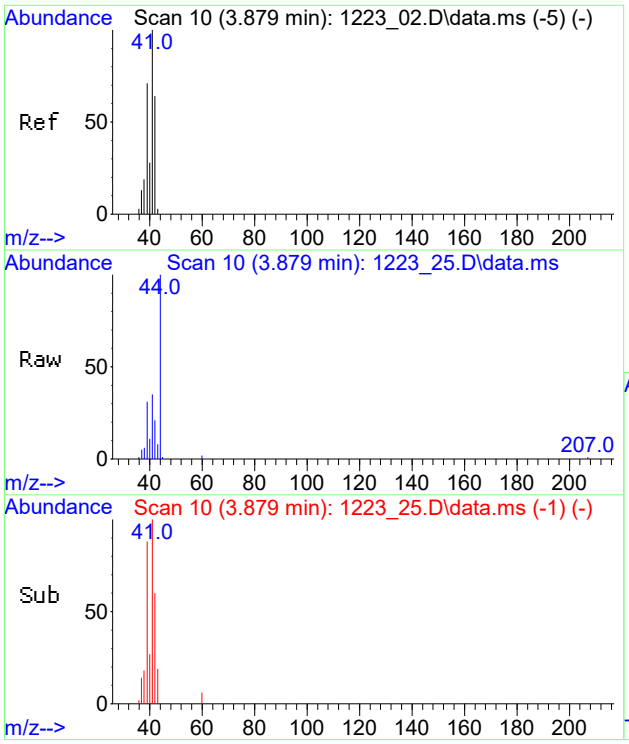
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

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



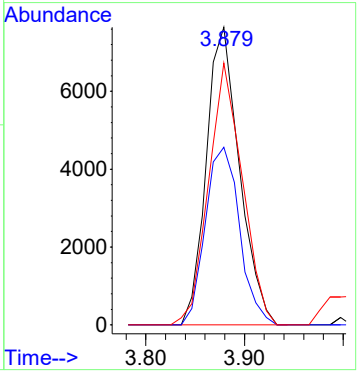


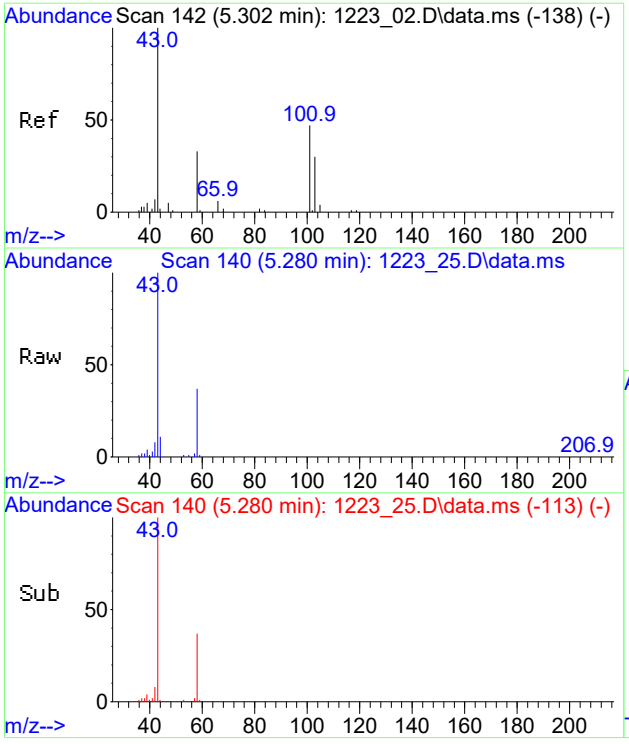


#2
Propylene
Conc: 8$ 1.010 ppbv
RT: 3.879 min Scan# 10
Delta R.T. -0.011 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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

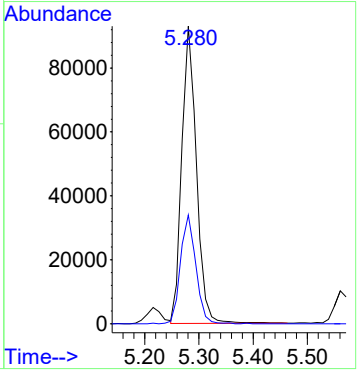


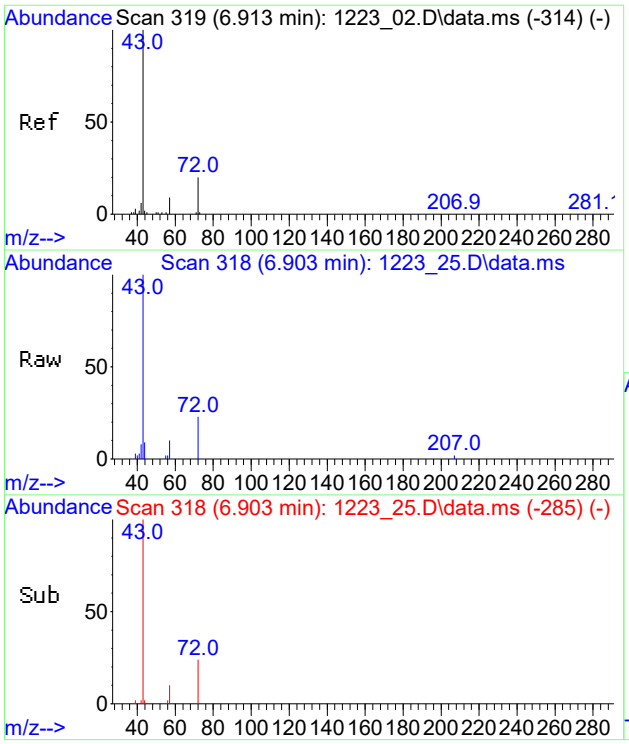


#12
Acetone
Conc: 8$ 5.643 ppbv
RT: 5.280 min Scan# 140
Delta R.T. -0.011 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

Tgt Ion: 43 Resp: 174454

Ion	Ratio	Lower	Upper
43	100		
58	38.4	19.5	29.3#

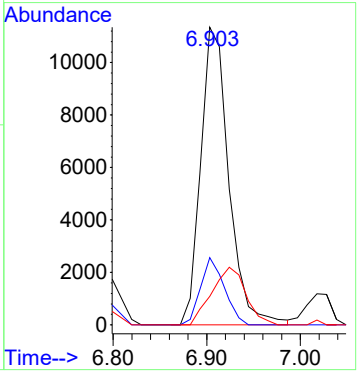


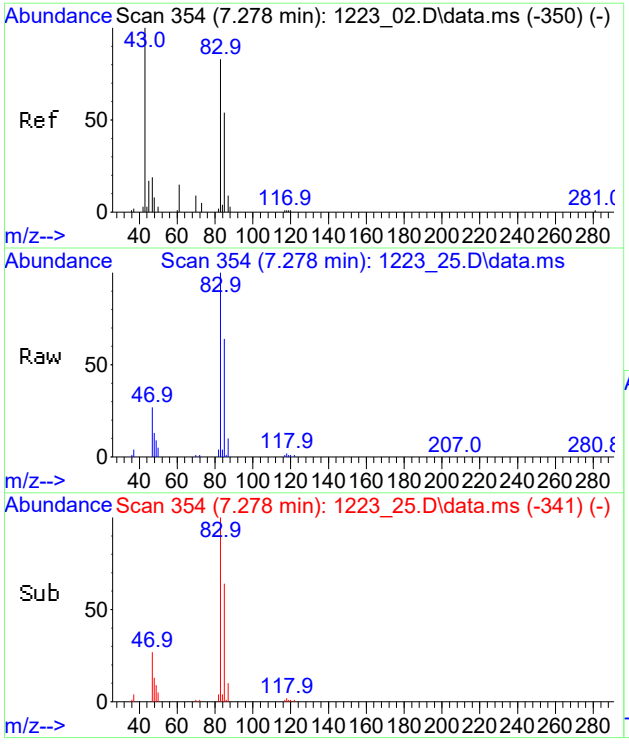


#25
Methyl Ethyl Ketone
Conc: 8$ 0.562 ppbv
RT: 6.903 min Scan# 318
Delta R.T. -0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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#

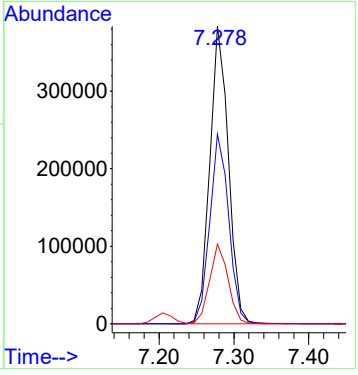


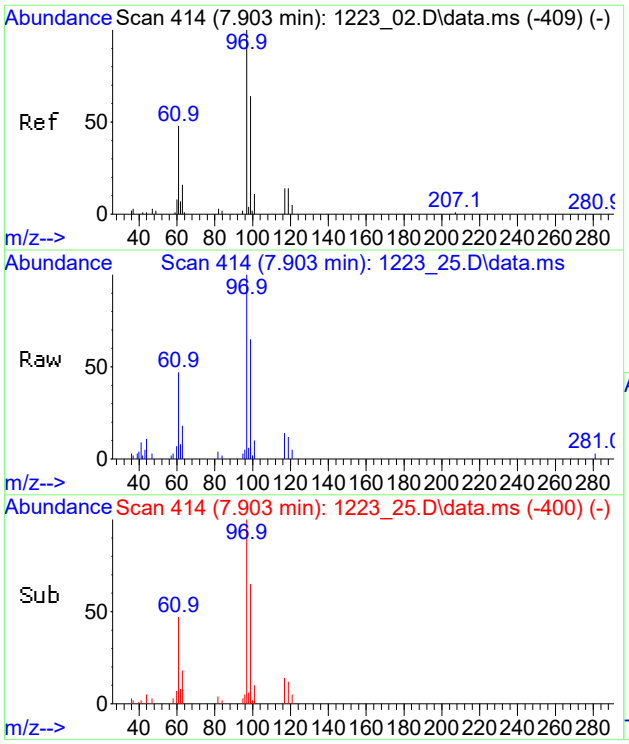


#28
Chloroform
Conc: 8$ 17.634 ppbv
RT: 7.278 min Scan# 354
Delta R.T. -0.010 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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

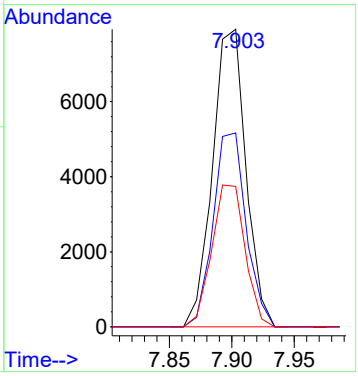


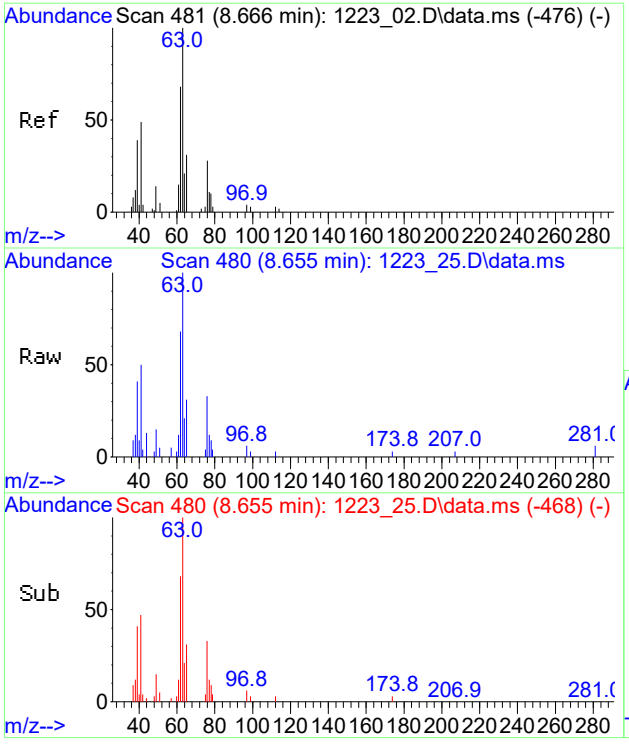


#32
1,1,1-Trichloroethane
Conc: 8$ 0.365 ppbv
RT: 7.903 min Scan# 414
Delta R.T. -0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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

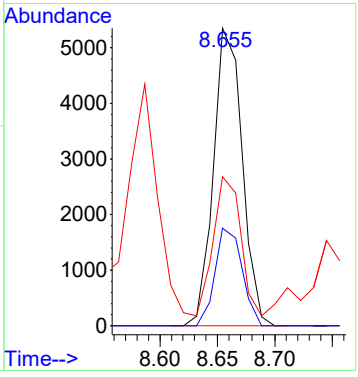


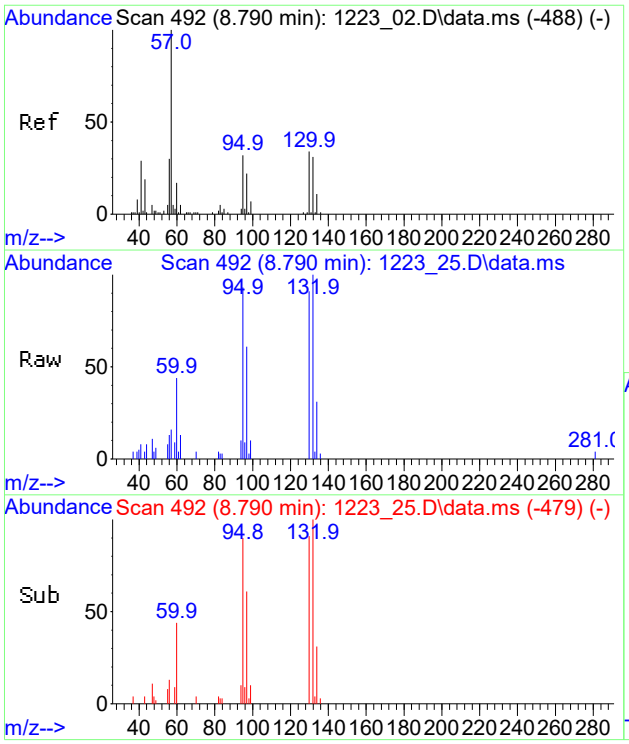


#37
1,2-dichloropropane
Conc: 8$ 0.407 ppbv
RT: 8.655 min Scan# 480
Delta R.T. -0.011 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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#

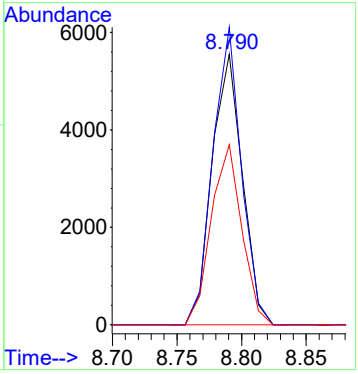


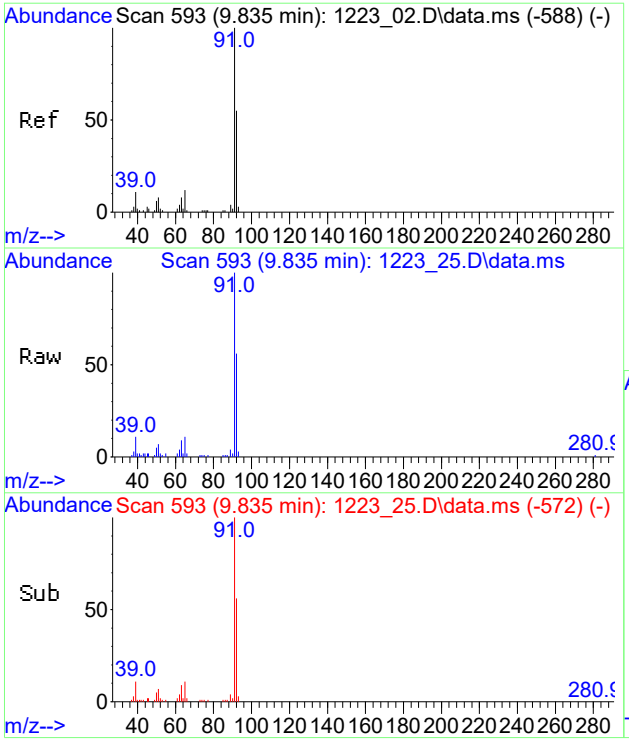


#39
Trichloroethene
Conc: 8$ 0.359 ppbv
RT: 8.790 min Scan# 492
Delta R.T. 0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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

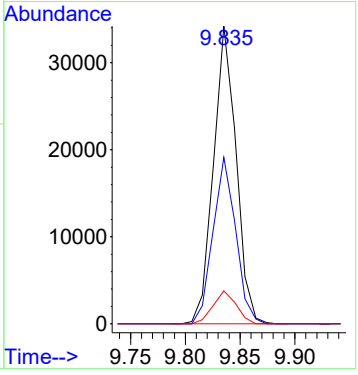


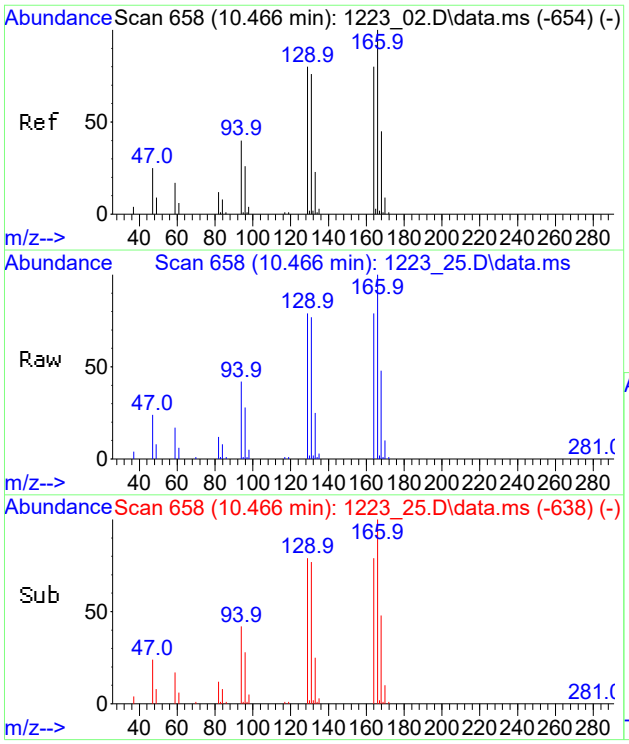


#48
Toluene
Conc: 8$ 0.746 ppbv
RT: 9.835 min Scan# 593
Delta R.T. 0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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

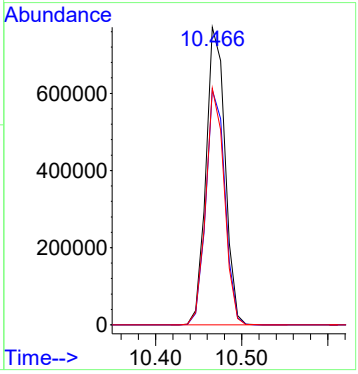


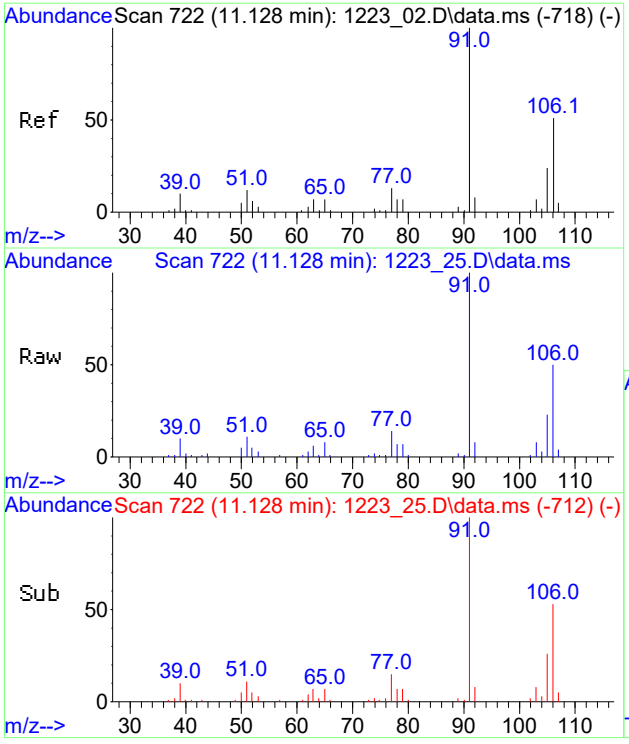


#52
Tetrachloroethene
Conc: 8$ 33.913 ppbv
RT: 10.466 min Scan# 658
Delta R.T. -0.010 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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

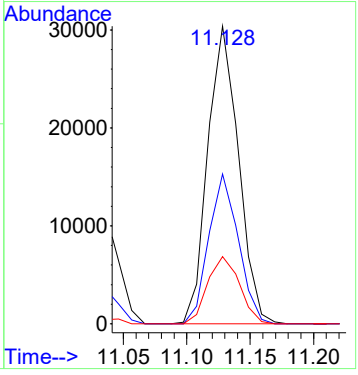


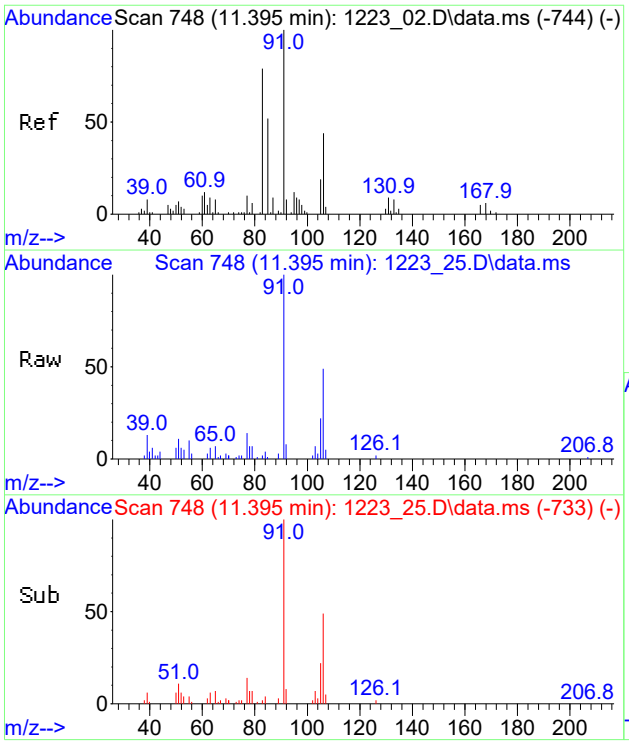


#57
m,p-Xylene
Conc: 8$ 0.945 ppbv
RT: 11.128 min Scan# 722
Delta R.T. 0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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

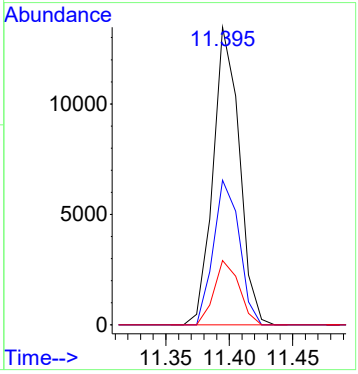


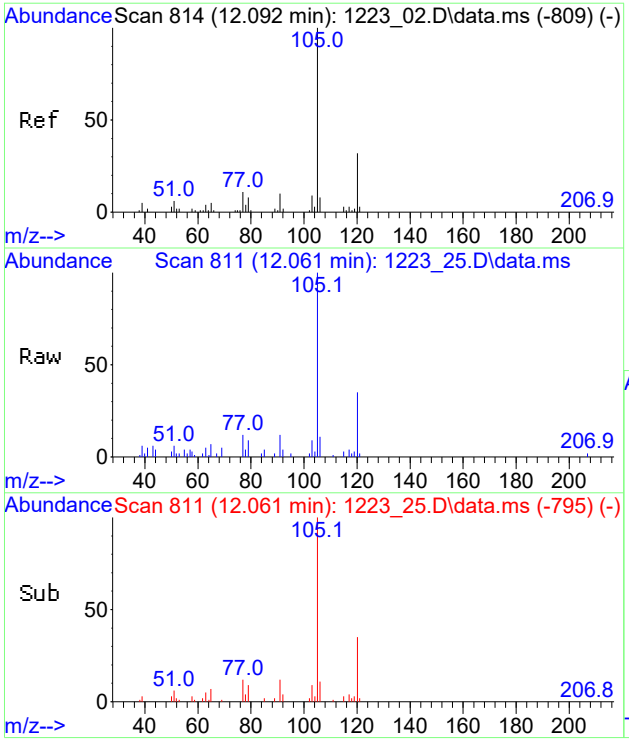


#61
o-Xylene
Conc: 8$ 0.338 ppbv
RT: 11.395 min Scan# 748
Delta R.T. -0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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

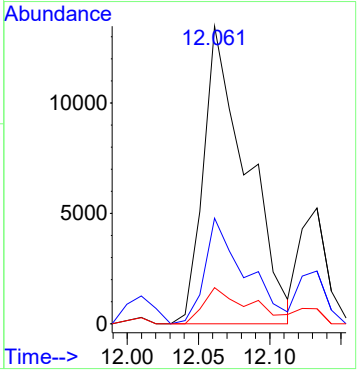


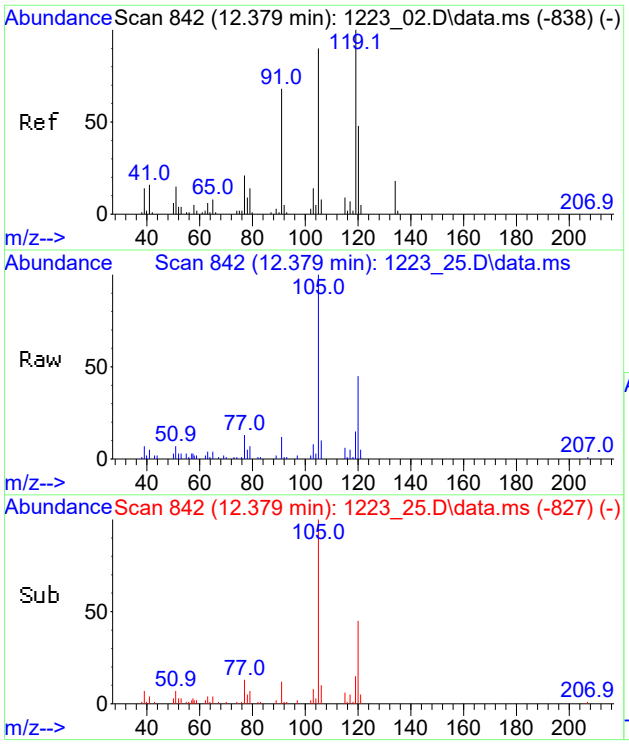


#66
4-Ethyltoluene
Conc: 8$ 0.348 ppbv
RT: 12.061 min Scan# 811
Delta R.T. -0.031 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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

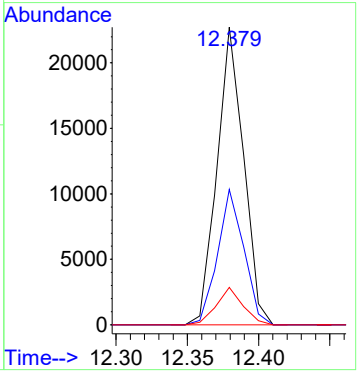


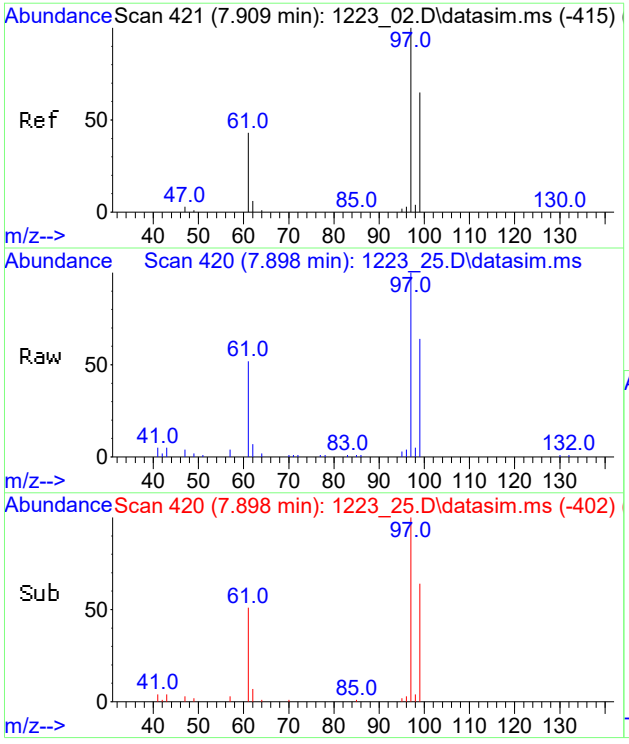


#68
1,2,4-Trimethylbenzene
Conc: 8$ 0.436 ppbv
RT: 12.379 min Scan# 842
Delta R.T. 0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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#

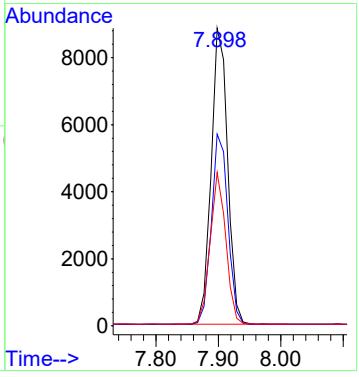


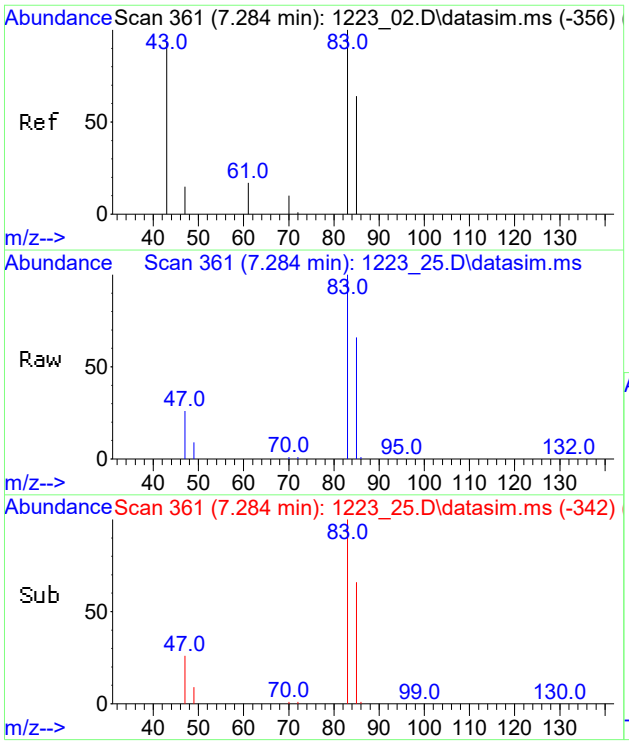


#86
1,1,1-Trichloroethane(sim)
Conc: 8$ 0.357 ppbv
RT: 7.898 min Scan# 420
Delta R.T. -0.011 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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

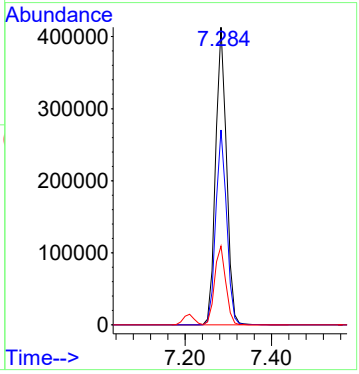


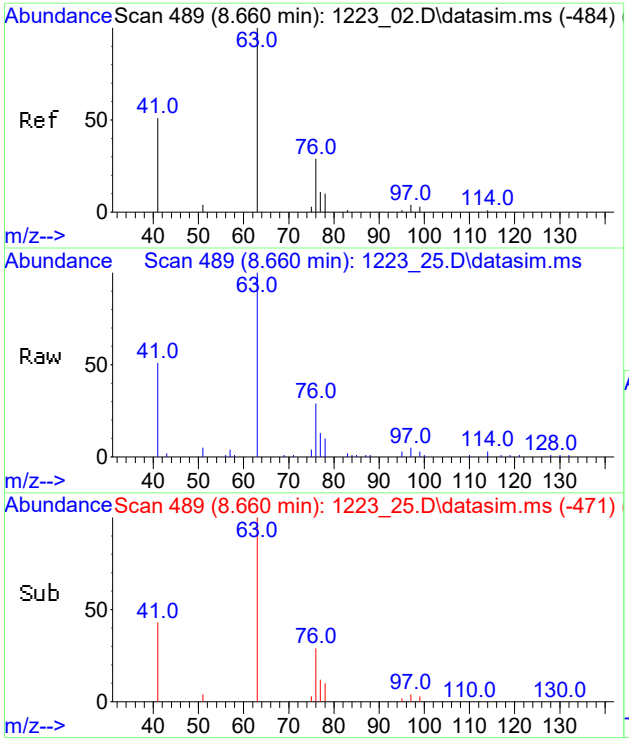


#94
Chloroform(sim)
Conc: 8$ 17.335 ppbv
RT: 7.284 min Scan# 361
Delta R.T. -0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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

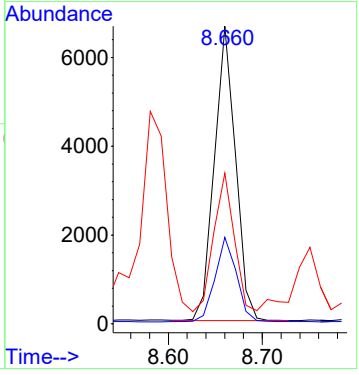


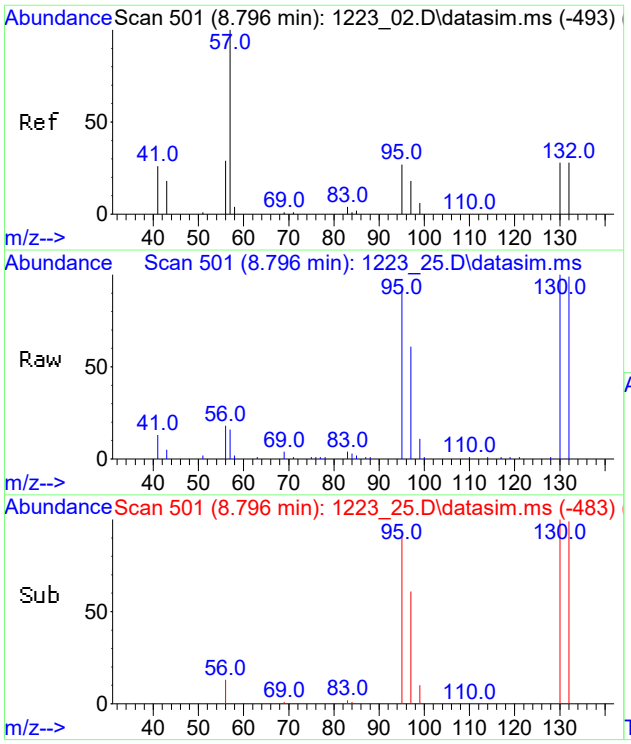


#96
1,2-dichloropropane(sim)
Conc: 8$ 0.412 ppbv
RT: 8.660 min Scan# 489
Delta R.T. 0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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#

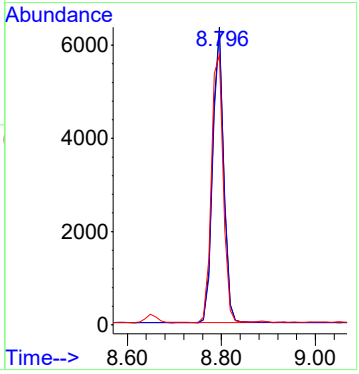


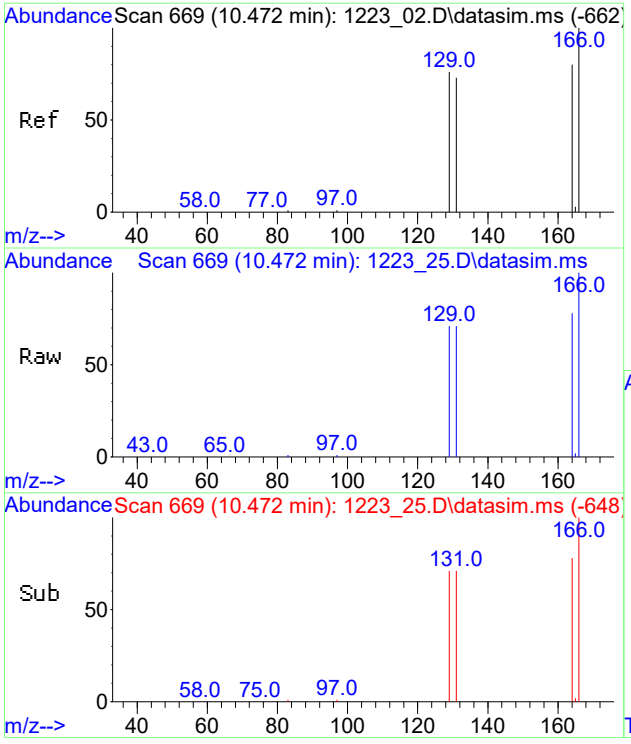


#98
Trichloroethene(sim)
Conc: 8$ 0.339 ppbv
RT: 8.796 min Scan# 501
Delta R.T. -0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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

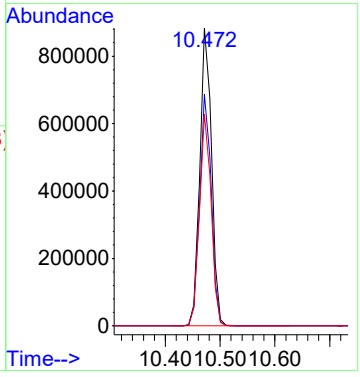


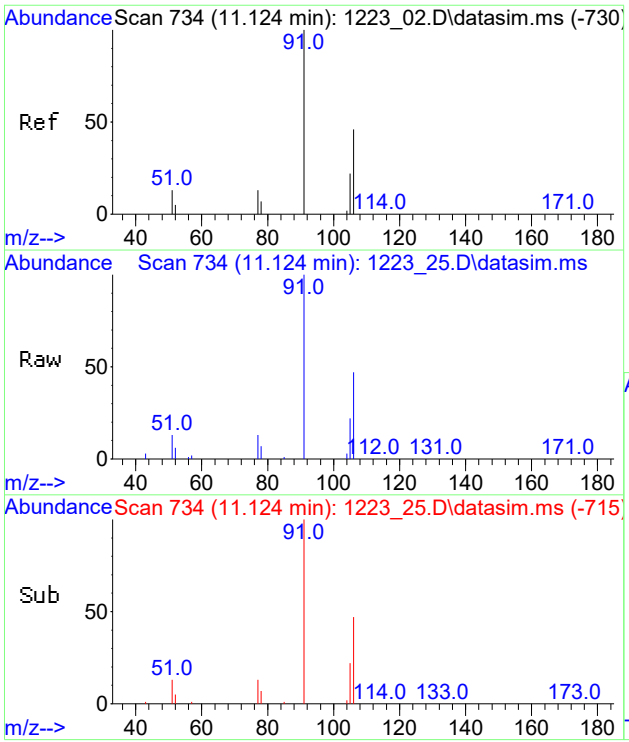


#104
Tetrachloroethene(sim)
Conc: 8$ 33.129 ppbv
RT: 10.472 min Scan# 669
Delta R.T. -0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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

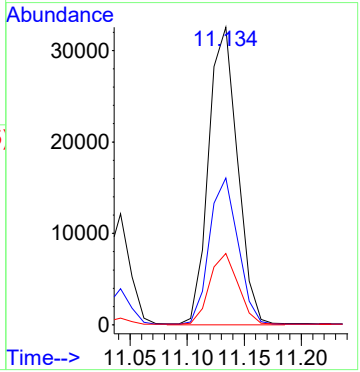




#107
m,p-Xylene(sim)
Conc: 8$ 0.801 ppbv
RT: 11.128 min Scan# 734
Delta R.T. 0.000 min
Lab File: 1223_25.D
Acq: 24 Dec 2024 5:34 am

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 5.0 =1213_12.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	%RSD
1)	Int Bromochloromethane	----------ISTD----------														
2)	Propylene				1.577	1.098	0.896	0.842	0.926	0.880	0.873	0.850			0.993	25.17
3)	Dichlorodifluo...				2.693	2.628	2.547	2.491	2.892	2.781	2.664	2.514			2.651	5.19
4)	Chloromethane				1.154	1.012	0.943	0.919	1.036	0.991	0.943	0.902			0.987	8.25
5)	1,2-Dichlorote...				2.659	2.583	2.480	2.522	2.829	2.654	2.491	2.356			2.572	5.59
6)	Vinyl Chloride				1.143	1.059	1.075	1.012	1.141	1.070	1.026	0.977			1.063	5.51
7)	1,3-Butadiene				0.920	0.931	0.858	0.826	0.930	0.863	0.821	0.773			0.865	6.70
8)	Bromomethane				1.105	1.054	1.010	0.967	1.081	1.007	0.967	0.940			1.017	5.78
9)	Chloroethane				0.531	0.560	0.498	0.466	0.519	0.496	0.475	0.455			0.500	7.07
11)	Ethanol				0.740	0.549	0.483	0.445	0.448	0.429	0.411	0.395			0.488	23.11
12)	Acetone				2.203	1.838	1.640	1.607	1.787	1.690	1.593	1.544			1.738	12.24
13)	Trichlorofluor...				2.819	2.775	2.654	2.647	2.950	2.790	2.660	2.537			2.729	4.74
14)	Isopropylalcohol				2.670	2.370	2.160	2.147	2.429	2.225	2.091	1.939			2.254	10.12
15)	Acrylonitrile				1.175	0.966	0.915	0.867	0.934	0.884	0.791	0.765			0.912	13.86
16)	1,1-Dichloroet...				1.868	1.838	1.791	1.741	1.938	1.842	1.730	1.667			1.802	4.82
17)	Methylene Chlo...				1.648	1.420	1.311	1.276	1.377	1.294	1.208	1.144			1.335	11.52
20)	Carbon Disulfide				3.006	2.809	2.814	2.644	2.864	2.702	2.538	2.413			2.724	6.98
21)	Trichlorotrifl...				2.288	2.228	2.118	2.075	2.291	2.120	1.951	1.866			2.117	7.23
22)	Trans-1,2-Dich...				1.836	1.687	1.662	1.633	1.828	1.719	1.657	1.616			1.705	4.97
23)	1,1-Dichloroet...				2.078	1.993	1.948	1.893	2.108	2.008	1.920	1.854			1.975	4.49
24)	Methyl tert-bu...				2.957	2.739	3.008	2.799	2.805	2.890	2.499	2.386			2.760	7.86
25)	Methyl Ethyl K...				2.620	2.485	2.339	2.178	2.458	2.296	2.328	2.255			2.370	6.00
26)	Cis-1,2-Dichlo...				1.672	1.597	1.592	1.530	1.699	1.626	1.566	1.527			1.601	3.88
27)	Hexane				1.820	1.758	1.694	1.643	1.882	1.756	1.682	1.622			1.732	5.15
28)	Chloroform				2.270	2.108	2.140	2.039	2.251	2.139	2.050	1.981			2.122	4.75
29)	Ethyl acetate				0.337	0.365	0.369	0.344	0.395	0.386	0.363	0.346			0.363	5.60
30)	Tetrahydrofuran				1.299	1.202	1.166	1.089	1.220	1.163	1.116	1.083			1.167	6.25
31)	1,2-Dichloroet...				1.632	1.578	1.555	1.558	1.726	1.636	1.594	1.539			1.602	3.83
32)	1,1,1-Trichlor...				2.306	2.282	2.231	2.194	2.458	2.337	2.259	2.179			2.281	3.93
33)	Benzene		3.571		3.166	3.092	3.043	2.944	3.306	3.153	3.034	2.933			3.138	6.35
34)	Carbon Tetrach...				2.476	2.415	2.428	2.321	2.624	2.508	2.423	2.351			2.443	3.87
35)	Cyclohexane				1.312	1.242	1.173	1.139	1.241	1.188	1.141	1.102			1.192	5.78
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	4.51
38)	Bromodichlorom...				0.642	0.644	0.631	0.621	0.706	0.676	0.670	0.655			0.655	4.19
39)	Trichloroethene				0.450	0.419	0.412	0.388	0.436	0.417	0.401	0.383			0.413	5.53
40)	2,2,4-trimethy...				1.535	1.518	1.492	1.431	1.567	1.480	1.413	1.327			1.470	5.25
41)	1,4-Dioxane				0.152	0.161	0.191	0.179	0.193	0.183	0.174	0.169			0.175	8.14
43)	Heptane				0.762	0.688	0.659	0.630	0.616	0.580	0.547	0.528			0.626	12.31

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		5.52
45)	4-Methyl-2-pen...		0.843	0.789	0.784	0.757	0.829	0.776	0.747	0.718			0.780		5.29
46)	trans-1,3-Dich...		0.415	0.420	0.426	0.420	0.468	0.463	0.467	0.462			0.443		5.41
47)	1,1,2-Trichlor...		0.368	0.369	0.358	0.355	0.390	0.383	0.374	0.367			0.371		3.17
48)	Toluene		1.137	1.075	1.073	1.028	1.150	1.096	1.066	1.038			1.083		3.99
49)	Dibromochlorom...		0.698	0.690	0.705	0.688	0.784	0.763	0.748	0.735			0.726		4.99
50)	2-Hexanone(MBK)		0.834	0.775	0.793	0.751	0.801	0.752	0.731	0.706			0.768		5.38
51)	1,2-Dibromoeth...		0.607	0.607	0.633	0.606	0.671	0.647	0.637	0.623			0.629		3.68
52)	Tetrachloroethene		0.562	0.557	0.579	0.539	0.612	0.589	0.571	0.553			0.570		4.02
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		8.05
55)	Chlorobenzene		1.585	1.560	1.626	1.527	1.673	1.538	1.361	1.224			1.512		9.78
56)	Ethylbenzene	2.852	2.759	2.694	2.683	2.549	2.768	2.532	2.234	2.007			2.564		10.81
57)	m,p-Xylene	2.265	2.155	2.133	1.705	1.963	2.138	1.944	1.662	1.466			1.937		13.97
58)	Bromoform		1.232	1.298	1.360	1.305	1.481	1.393	1.250	1.129			1.306		8.23
59)	Styrene		1.548	1.512	1.604	1.487	1.631	1.483	1.317	1.201			1.473		9.88
60)	1,1,2,2-Tetrac...		1.586	1.564	1.574	1.479	1.615	1.455	1.263	1.122			1.457		12.07
61)	o-Xylene	2.390	2.263	2.230	2.200	2.017	2.159	1.940	1.693	1.492			2.043		14.26
62)	Surr% Bromofluorob...		1.379	1.386	1.367	1.345	1.346	1.302	1.225	1.157			1.313		6.24
64)	Isopropylbenzene		3.031	2.954	2.993	2.749	2.992	3.134	2.796	2.465			2.889		7.33
66)	4-Ethyltoluene		3.280	3.161	3.121	2.919	3.189	2.860	2.465	2.216			2.901		13.06
67)	1,3,5-Trimethy...		2.580	2.479	2.442	2.243	2.426	2.211	1.913	1.711			2.251		13.38
68)	1,2,4-Trimethy...		2.664	2.634	2.632	2.412	2.659	2.385	2.064	1.792			2.405		13.40
70)	Benzyl chloride		1.742	1.753	1.923	1.827	2.129	2.035	1.849	1.691			1.869		8.12
71)	1,3-Dichlorobe...		1.780	1.708	1.840	1.608	1.806	1.605	1.383	1.393			1.640		10.82
72)	1,4-Dichlorobe...		1.645	1.690	1.795	1.561	1.734	1.568	1.375	1.058			1.553		15.31
73)	sec-Butylbenzene		3.999	3.788	3.816	3.443	3.637	3.236	2.757	2.376			3.382		16.68
74)	4-Isopropyltol...		3.812	3.635	3.668	3.309	3.509	3.168	2.745	2.378			3.278		15.15
75)	1,2-Dichlorobe...		1.600	1.671	1.701	1.496	1.692	1.544	1.375	1.239			1.540		10.69
76)	n-Butylbenzene		3.117	2.987	3.211	2.893	3.071	2.831	2.473	2.175			2.845		12.38
77)	1,2,4-Trichlor...		1.158	1.161	1.717	1.075	1.423	1.395	1.321	1.236			1.311		15.57
78)	Naphthalene		2.706	2.565	3.741	2.293	2.965	2.827	2.577	2.358			2.754		16.60
79)	Hexachlorobuta...		1.691	1.665	1.687	1.342	1.581	1.454	1.286	1.138			1.480		14.12
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	6.81
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	4.85
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	7.41
84)	Trichlorofluor...	2.595	2.598	2.835	2.772	2.728	2.679	2.630	2.882			2.595	2.742	2.706	3.83
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	8.42
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	5.41
87)	Benzene(sim)	3.922	3.683	3.340	2.965	2.892	2.852	2.767				4.301		3.340	17.12
88)	Carbon Tetrach...	2.227	2.345	2.552	2.474	2.394	2.388	2.332				2.400	2.521	2.404	4.18
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	4.55
90)	Trichlorotrifl...	2.084	2.108	2.292	2.216	2.156	2.112	2.052	2.218			2.124	2.291	2.165	3.91
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	17.99
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	4.61
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	6.22
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	4.12

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	3.82
97)		Bromodichlorom...	0.677	0.714	0.687	0.642	0.644	0.631	0.621	0.706	0.695	0.799	0.681	7.71
98)		Trichloroethen...	0.549	0.529	0.503	0.466	0.449	0.442	0.422	0.466	0.675		0.500	15.54
99)		1,4-Dioxane(sim)			0.182	0.152	0.161	0.191	0.179	0.193			0.176	9.34
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	5.09
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	9.03
102)		Dibromochlorom...	0.676	0.684	0.740	0.727	0.733	0.749	0.736		0.661	0.691	0.711	4.59
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	7.35
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	4.73
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	7.15
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	14.82
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	8.95
111)		Benzyl chlorid...	2.047	1.978	1.903	1.742	1.753	1.923	1.827				1.882	6.04
112)		1,3-Dichlorobe...	2.109	2.044	2.120	2.011	1.999	2.100	1.853		2.332	3.206	2.197	18.17
113)		1,4-Dichlorobe...	2.054	1.969	1.771	1.645	1.690	1.795	1.561				1.784	9.85
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	11.61
115)		4-Isopropyltol...	3.795	3.747	3.917	3.812	3.635	3.668	3.309				3.698	5.29
116)		1,2-Dichlorobe...	1.989	1.917	2.009	1.884	1.836	1.951	1.690	1.902	2.239		1.935	7.64
117)		n-Butylbenzene...	3.288	3.234	3.236	3.117	2.987	3.211	2.893		4.007		3.247	10.36
118)	qfi	1,2,4-Trichlor...	0.048	0.062	0.110	0.194	0.431	1.025			0.038		Coef R2	0.99
119)	qfi	Hexachlorobuta...	0.036	0.051	0.100	0.186	0.473	1.024	2.496		0.027	0.023	Coef R2	1.00

(#,$,@)=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: SESI-NYSAMPLES
Lab Code: Phoenix
SDG No.: GCS34475
Instrument ID: CHEM20
Calibration Date From: 12/13/24 17:05
Heated Purge (Y/N): Y
Calibration Date Thru: 12/13/24 20:55
GC Column:
Method File: 20_AIR_1213.M

Laboratory File Ids

RRF1 1213_04.D RRF2 1213_05.D RRF3 1213_06.D RRF4 1213_07.D RRF5 1213_08.D RRF6 1213_09.D
RRF7 1213_10.D RRF8 1213_15.D RRF9 1213_11.D RRF10 1213_12.D RRF11 1213_16.D RRF12 1213_13.D
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	RRF13 40	_ RRF	% RSD
Propylene						1.577	1.098	0.896	0.842	0.926	0.880	0.873	0.850	0.993	25.17
Dichlorodifluoromethane						2.693	2.628	2.547	2.491	2.892	2.781	2.664	2.514	2.651	5.19
Chloromethane						1.154	1.012	0.943	0.919	1.036	0.991	0.943	0.902	0.987	8.25
1,2-Dichlorotetrafluoroethane						2.659	2.583	2.480	2.522	2.829	2.654	2.491	2.356	2.572	5.59
Vinyl Chloride						1.143	1.059	1.075	1.012	1.141	1.070	1.026	0.977	1.063	5.51
1,3-Butadiene						0.920	0.931	0.858	0.826	0.930	0.863	0.821	0.773	0.865	6.70
Bromomethane						1.105	1.054	1.010	0.967	1.081	1.007	0.967	0.940	1.017	5.78
Chloroethane						0.531	0.560	0.498	0.466	0.519	0.496	0.475	0.455	0.500	7.07
Ethanol						0.740	0.549	0.483	0.445	0.448	0.429	0.411	0.395	0.488	23.11
Acetone						2.203	1.838	1.640	1.607	1.787	1.690	1.593	1.544	1.738	12.24
Trichlorofluoromethane						2.819	2.775	2.654	2.647	2.950	2.790	2.660	2.537	2.729	4.74
Isopropylalcohol						2.670	2.370	2.160	2.147	2.429	2.225	2.091	1.939	2.254	10.12
Acrylonitrile						1.175	0.966	0.915	0.867	0.934	0.884	0.791	0.765	0.912	13.86
1,1-Dichloroethene						1.868	1.838	1.791	1.741	1.938	1.842	1.730	1.667	1.802	4.82
Methylene Chloride						1.648	1.420	1.311	1.276	1.377	1.294	1.208	1.144	1.335	11.52
Carbon Disulfide						3.006	2.809	2.814	2.644	2.864	2.702	2.538	2.413	2.724	6.98
Trichlorotrifluoroethane						2.288	2.228	2.118	2.075	2.291	2.120	1.951	1.866	2.117	7.23
Trans-1,2-Dichloroethene						1.836	1.687	1.662	1.633	1.828	1.719	1.657	1.616	1.705	4.97
1,1-Dichloroethane						2.078	1.993	1.948	1.893	2.108	2.008	1.920	1.854	1.975	4.49
Methyl tert-butyl ether(MTBE)						2.957	2.739	3.008	2.799	2.805	2.890	2.499	2.386	2.760	7.86
Methyl Ethyl Ketone						2.620	2.485	2.339	2.178	2.458	2.296	2.328	2.255	2.370	6.00
Cis-1,2-Dichloroethene						1.672	1.597	1.592	1.530	1.699	1.626	1.566	1.527	1.601	3.88
Hexane						1.820	1.758	1.694	1.643	1.882	1.756	1.682	1.622	1.732	5.15
Chloroform						2.270	2.108	2.140	2.039	2.251	2.139	2.050	1.981	2.122	4.75

(#) 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: SESI-NYSAMPLES
Lab Code: Phoenix
SDG No.: GCS34475
Instrument ID: CHEM20
Calibration Date From: 12/13/24 17:05
Heated Purge (Y/N): Y
Calibration Date Thru: 12/13/24 20:55
GC Column:
Method File: 20_AIR_1213.M

Laboratory File Ids

RRF1 1213_04.D RRF2 1213_05.D RRF3 1213_06.D RRF4 1213_07.D RRF5 1213_08.D RRF6 1213_09.D
RRF7 1213_10.D RRF8 1213_15.D RRF9 1213_11.D RRF10 1213_12.D RRF11 1213_16.D RRF12 1213_13.D
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	RRF13 40	__ RRF	% RSD
Ethyl acetate						0.337	0.365	0.369	0.344	0.395	0.386	0.363	0.346	0.363	5.60
Tetrahydrofuran						1.299	1.202	1.166	1.089	1.220	1.163	1.116	1.083	1.167	6.25
1,2-Dichloroethane						1.632	1.578	1.555	1.558	1.726	1.636	1.594	1.539	1.602	3.83
1,1,1-Trichloroethane						2.306	2.282	2.231	2.194	2.458	2.337	2.259	2.179	2.281	3.93
Benzene					3.571	3.166	3.092	3.043	2.944	3.306	3.153	3.034	2.933	3.138	6.35
Carbon Tetrachloride						2.476	2.415	2.428	2.321	2.624	2.508	2.423	2.351	2.443	3.87
Cyclohexane						1.312	1.242	1.173	1.139	1.241	1.188	1.141	1.102	1.192	5.78
1,2-dichloropropane						0.390	0.357	0.361	0.354	0.400	0.386	0.382	0.380	0.376	4.51
Bromodichloromethane						0.642	0.644	0.631	0.621	0.706	0.676	0.670	0.655	0.655	4.19
Trichloroethene						0.450	0.419	0.412	0.388	0.436	0.417	0.401	0.383	0.413	5.53
2,2,4-trimethylpentane						1.535	1.518	1.492	1.431	1.567	1.480	1.413	1.327	1.470	5.25
1,4-Dioxane						0.152	0.161	0.191	0.179	0.193	0.183	0.174	0.169	0.175	8.14
Heptane						0.762	0.688	0.659	0.630	0.616	0.580	0.547	0.528	0.626	12.31
cis-1,3-Dichloropropene						0.505	0.504	0.519	0.520	0.581	0.561	0.558	0.561	0.539	5.52
4-Methyl-2-pentanone(MIBK)						0.843	0.789	0.784	0.757	0.829	0.776	0.747	0.718	0.780	5.29
trans-1,3-Dichloropropene						0.415	0.420	0.426	0.420	0.468	0.463	0.467	0.462	0.443	5.41
1,1,2-Trichloroethane						0.368	0.369	0.358	0.355	0.390	0.383	0.374	0.367	0.371	3.17
Toluene						1.137	1.075	1.073	1.028	1.150	1.096	1.066	1.038	1.083	3.99
Dibromochloromethane						0.698	0.690	0.705	0.688	0.784	0.763	0.748	0.735	0.726	4.99
2-Hexanone(MBK)						0.834	0.775	0.793	0.751	0.801	0.752	0.731	0.706	0.768	5.38
1,2-Dibromoethane(EDB)						0.607	0.607	0.633	0.606	0.671	0.647	0.637	0.623	0.629	3.68
Tetrachloroethene						0.562	0.557	0.579	0.539	0.612	0.589	0.571	0.553	0.570	4.02
1,1,1,2-Tetrachloroethane						0.880	0.912	0.914	0.879	0.966	0.903	0.814	0.737	0.876	8.05
Chlorobenzene						1.585	1.560	1.626	1.527	1.673	1.538	1.361	1.224	1.512	9.78

(#) 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: SESI-NYSAMPLES

Lab Code: Phoenix | SDG No.: GCS34475

Instrument ID: CHEM20 | Calibration Date From: 12/13/24 17:05

Heated Purge (Y/N): Y | Calibration Date Thru: 12/13/24 20:55

GC Column: | Method File: 20_AIR_1213.M

Laboratory File Ids

RRF1 1213_04.D RRF2 1213_05.D RRF3 1213_06.D RRF4 1213_07.D RRF5 1213_08.D RRF6 1213_09.D
RRF7 1213_10.D RRF8 1213_15.D RRF9 1213_11.D RRF10 1213_12.D RRF11 1213_16.D RRF12 1213_13.D
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	RRF13 40	__ RRF	% RSD
Ethylbenzene					2.852	2.759	2.694	2.683	2.549	2.768	2.532	2.234	2.007	2.564	10.81
m,p-Xylene					2.265	2.155	2.133	1.705	1.963	2.138	1.944	1.662	1.466	1.937	13.97
Bromoform						1.232	1.298	1.360	1.305	1.481	1.393	1.250	1.129	1.306	8.23
Styrene						1.548	1.512	1.604	1.487	1.631	1.483	1.317	1.201	1.473	9.88
1,1,2,2-Tetrachloroethane						1.586	1.564	1.574	1.479	1.615	1.455	1.263	1.122	1.457	12.07
o-Xylene					2.390	2.263	2.230	2.200	2.017	2.159	1.940	1.693	1.492	2.043	14.26
Isopropylbenzene						3.031	2.954	2.993	2.749	2.992	3.134	2.796	2.465	2.889	7.33
4-Ethyltoluene						3.280	3.161	3.121	2.919	3.189	2.860	2.465	2.216	2.901	13.06
1,3,5-Trimethylbenzene						2.580	2.479	2.442	2.243	2.426	2.211	1.913	1.711	2.251	13.38
1,2,4-Trimethylbenzene						2.664	2.634	2.632	2.412	2.659	2.385	2.064	1.792	2.405	13.40
Benzyl chloride						1.742	1.753	1.923	1.827	2.129	2.035	1.849	1.691	1.869	8.12
1,3-Dichlorobenzene						1.780	1.708	1.840	1.608	1.806	1.605	1.383	1.393	1.640	10.82
1,4-Dichlorobenzene						1.645	1.690	1.795	1.561	1.734	1.568	1.375	1.058	1.553	15.31
sec-Butylbenzene						3.999	3.788	3.816	3.443	3.637	3.236	2.757	2.376	3.382	16.68
4-Isopropyltoluene						3.812	3.635	3.668	3.309	3.509	3.168	2.745	2.378	3.278	15.15
1,2-Dichlorobenzene						1.600	1.671	1.701	1.496	1.692	1.544	1.375	1.239	1.540	10.69
n-Butylbenzene						3.117	2.987	3.211	2.893	3.071	2.831	2.473	2.175	2.845	12.38
1,2,4-Trichlorobenzene						1.158	1.161	1.717	1.075	1.423	1.395	1.321	1.236	1.311	15.57
Naphthalene						2.706	2.565	3.741	2.293	2.965	2.827	2.577	2.358	2.754	16.60
Hexachlorobutadiene						1.691	1.665	1.687	1.342	1.581	1.454	1.286	1.138	1.480	14.12
1,2-Dichlorotetrafluoroethane(sim)	2.874	2.577	2.736	2.664	2.694	2.491	2.416	2.324	2.367	2.615				2.576	6.81
Vinyl Chloride(sim)	1.206	1.082	1.108	1.042	1.137	1.101	1.073	1.039	1.046	1.143				1.098	4.85
Bromomethane(sim)	1.161	1.042	0.984	1.058	1.117	1.035	0.985	0.947	0.909	1.003				1.024	7.41
Trichlorofluoromethane(sim)	2.742	2.595	2.595	2.598	2.835	2.772	2.728	2.679	2.630	2.882				2.706	3.83

(#) 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: SESI-NYSAMPLES
Lab Code: Phoenix
SDG No.: GCS34475
Instrument ID: CHEM20
Calibration Date From: 12/13/24 17:05
Heated Purge (Y/N): Y
Calibration Date Thru: 12/13/24 20:55
GC Column:
Method File: 20_AIR_1213.M

Laboratory File Ids

RRF1 1213_04.D RRF2 1213_05.D RRF3 1213_06.D RRF4 1213_07.D RRF5 1213_08.D RRF6 1213_09.D
RRF7 1213_10.D RRF8 1213_15.D RRF9 1213_11.D RRF10 1213_12.D RRF11 1213_16.D RRF12 1213_13.D
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	RRF13 40	_ RRF	% RSD
1,2-Dichloroethane(sim)	1.893	1.637	1.658	1.548	1.491	1.529	1.476	1.457	1.465	1.602				1.576	8.42
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				2.348	5.41
Benzene(sim)		4.301	3.922	3.683	3.340	2.965	2.892	2.852	2.767					3.340	17.12
Carbon Tetrachloride(sim)	2.521	2.400	2.227	2.345	2.552	2.474	2.394	2.388	2.332					2.404	4.18
1,1-Dichloroethene(sim)	1.884	1.690	1.705	1.778	1.858	1.749	1.719	1.679	1.637	1.797				1.750	4.55
Trichlorotrifluoroethane(sim)	2.291	2.124	2.084	2.108	2.292	2.216	2.156	2.112	2.052	2.218				2.165	3.91
Trans-1,2-Dichloroethene(sim)		2.487	2.217	2.022	1.759	1.720	1.578	1.557	1.535	1.696				1.841	17.99
1,1-Dichloroethane(sim)	2.255	2.023	2.003	1.985	2.193	2.122	2.066	2.035	1.981	2.169				2.083	4.61
Cis-1,2-Dichloroethene(sim)	1.703	1.670	1.713	1.618	1.581	1.566	1.493	1.492	1.438					1.586	6.22
Chloroform(sim)	2.268	2.106	2.040	2.080	2.276	2.195	2.142	2.101	2.055	2.242				2.151	4.12
1,2-dichloropropane(sim)	0.434	0.419	0.399	0.410	0.425	0.412	0.403	0.403	0.395	0.444				0.414	3.82
Bromodichloromethane(sim)	0.799	0.695	0.677	0.714	0.687	0.642	0.644	0.631	0.621	0.706				0.681	7.71
Trichloroethene(sim)		0.675	0.549	0.529	0.503	0.466	0.449	0.442	0.422	0.466				0.500	15.54
1,4-Dioxane(sim)					0.182	0.152	0.161	0.191	0.179	0.193				0.176	9.34
cis-1,3-Dichloropropene(sim)	0.625	0.540	0.530	0.537	0.578	0.568	0.561	0.569	0.555					0.562	5.09
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				0.392	9.03
Dibromochloromethane(sim)	0.691	0.661	0.676	0.684	0.740	0.727	0.733	0.749	0.736					0.711	4.59
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				0.653	7.35
Tetrachloroethene(sim)	0.716	0.635	0.630	0.634	0.669	0.646	0.632	0.626	0.601	0.671	0.639			0.645	4.73
Bromoform(sim)	1.297	1.197	1.223	1.269	1.376	1.364	1.408	1.478	1.421					1.337	7.15
m,p-Xylene(sim)	3.192	2.396	2.309	2.168	2.265	2.155	2.133	2.131	1.970	2.143				2.286	14.82
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				1.705	8.95
Benzyl chloride(sim)			2.047	1.978	1.903	1.742	1.753	1.923	1.827					1.882	6.04
1,3-Dichlorobenzene(sim)	3.206	2.332	2.109	2.044	2.120	2.011	1.999	2.100	1.853					2.197	18.17

(#) 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: SESI-NYSAMPLES
Lab Code: Phoenix
SDG No.: GCS34475
Instrument ID: CHEM20
Calibration Date From: 12/13/24 17:05
Heated Purge (Y/N): Y
Calibration Date Thru: 12/13/24 20:55
GC Column:
Method File: 20_AIR_1213.M

Laboratory File Ids

RRF1 1213_04.D RRF2 1213_05.D RRF3 1213_06.D RRF4 1213_07.D RRF5 1213_08.D RRF6 1213_09.D
RRF7 1213_10.D RRF8 1213_15.D RRF9 1213_11.D RRF10 1213_12.D RRF11 1213_16.D RRF12 1213_13.D
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	RRF13 40	_ RRF	% RSD
1,4-Dichlorobenzene(sim)				2.054	1.969	1.771	1.645	1.690	1.795	1.561					1.784	9.85
sec-Butylbenzene(sim)		5.63	4.447	4.188	4.150	4.478	4.265	4.142	4.166	3.786	3.975				4.323	11.61
4-Isopropyltoluene(sim)				3.795	3.747	3.917	3.812	3.635	3.668	3.309					3.698	5.29
1,2-Dichlorobenzene(sim)			2.239	1.989	1.917	2.009	1.884	1.836	1.951	1.690	1.902				1.935	7.64
n-Butylbenzene(sim)			4.007	3.288	3.234	3.236	3.117	2.987	3.211	2.893					3.247	10.36
1,2,4-Trichlorobenzene(sir	li		0.028	0.036	0.047	0.088	0.163	0.398	1.145						Coef R2	0.97
Hexachlorobutadiene(sim)	qfi	0.023	0.027	0.036	0.051	0.100	0.186	0.473	1.024	2.496					Coef R2	1.00
% Bromofluorobenzene							1.379	1.386	1.367	1.345	1.346	1.302	1.225	1.157	1.313	6.24

(#) 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

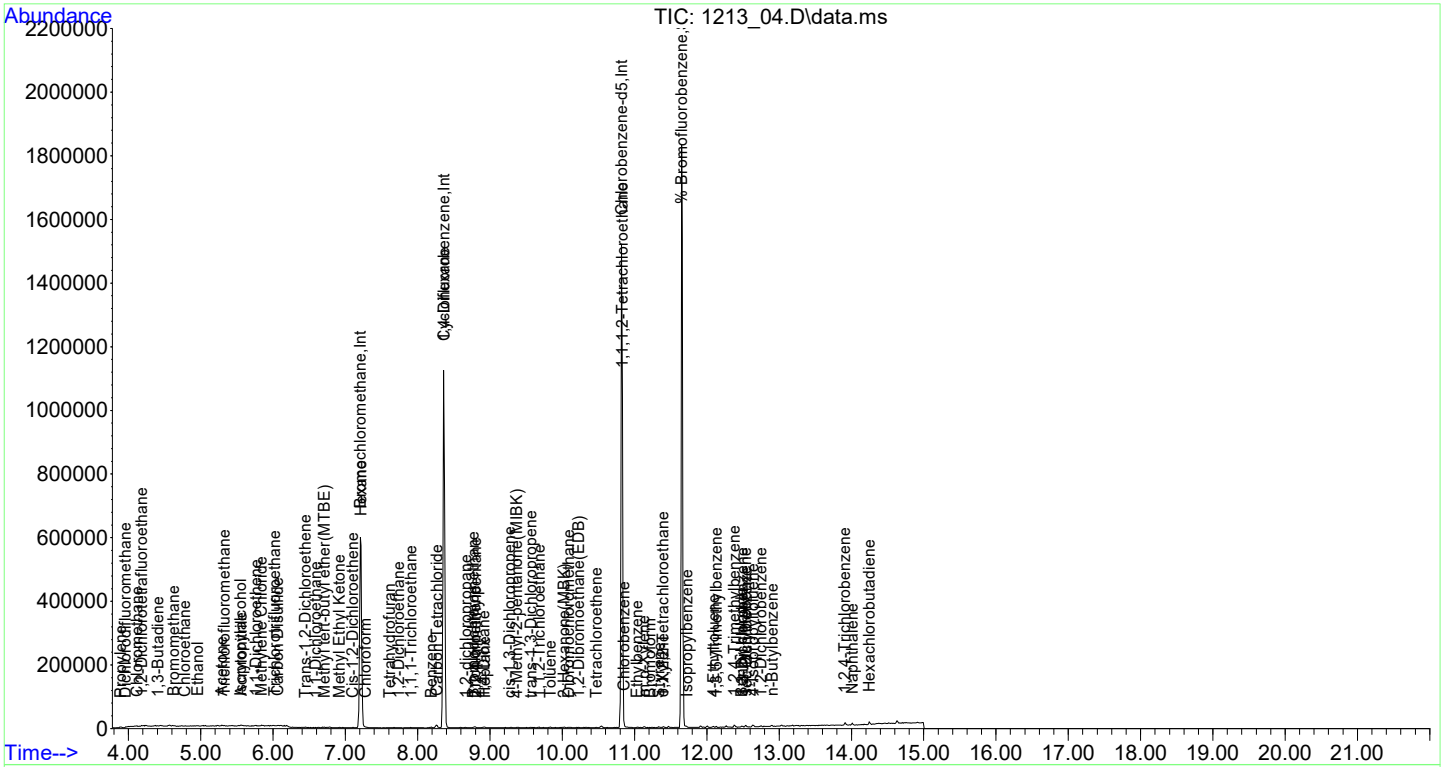
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	2197	0.013	ppbv	97
115] 4-Isopropyltoluene(sim)	12.631	119	2691m	0.019	ppbv	85
116] 1,2-Dichlorobenzene(sim)	12.754	146	1194	0.016	ppbv	94
117] n-Butylbenzene(sim)	12.898	91	2375m	0.019	ppbv	90
118] 1,2,4-Trichlorobenzene...	13.914	180	1790	0.036	ppbv	98
119] Hexachlorobutadiene(sim)	14.252	225	1644m	0.022	ppbv	94

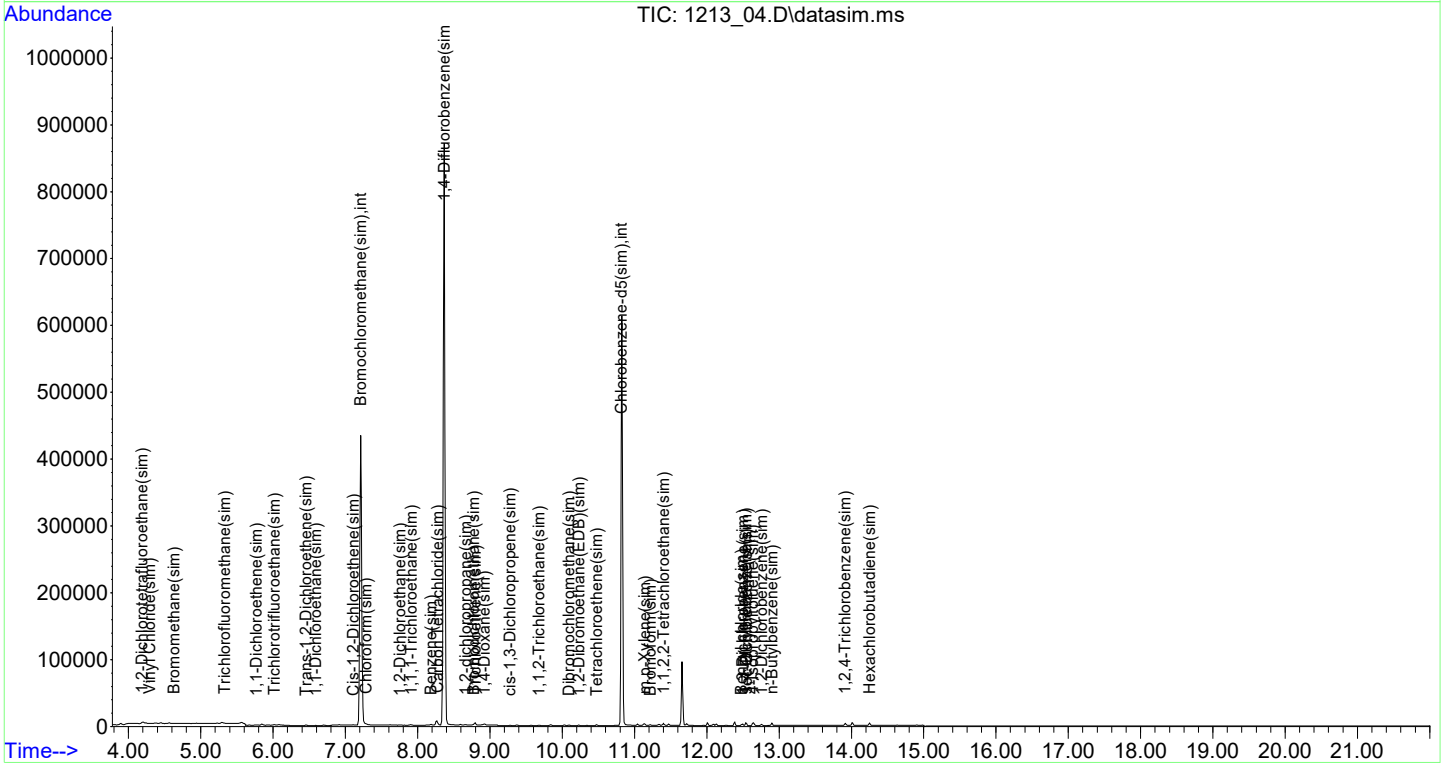
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

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

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

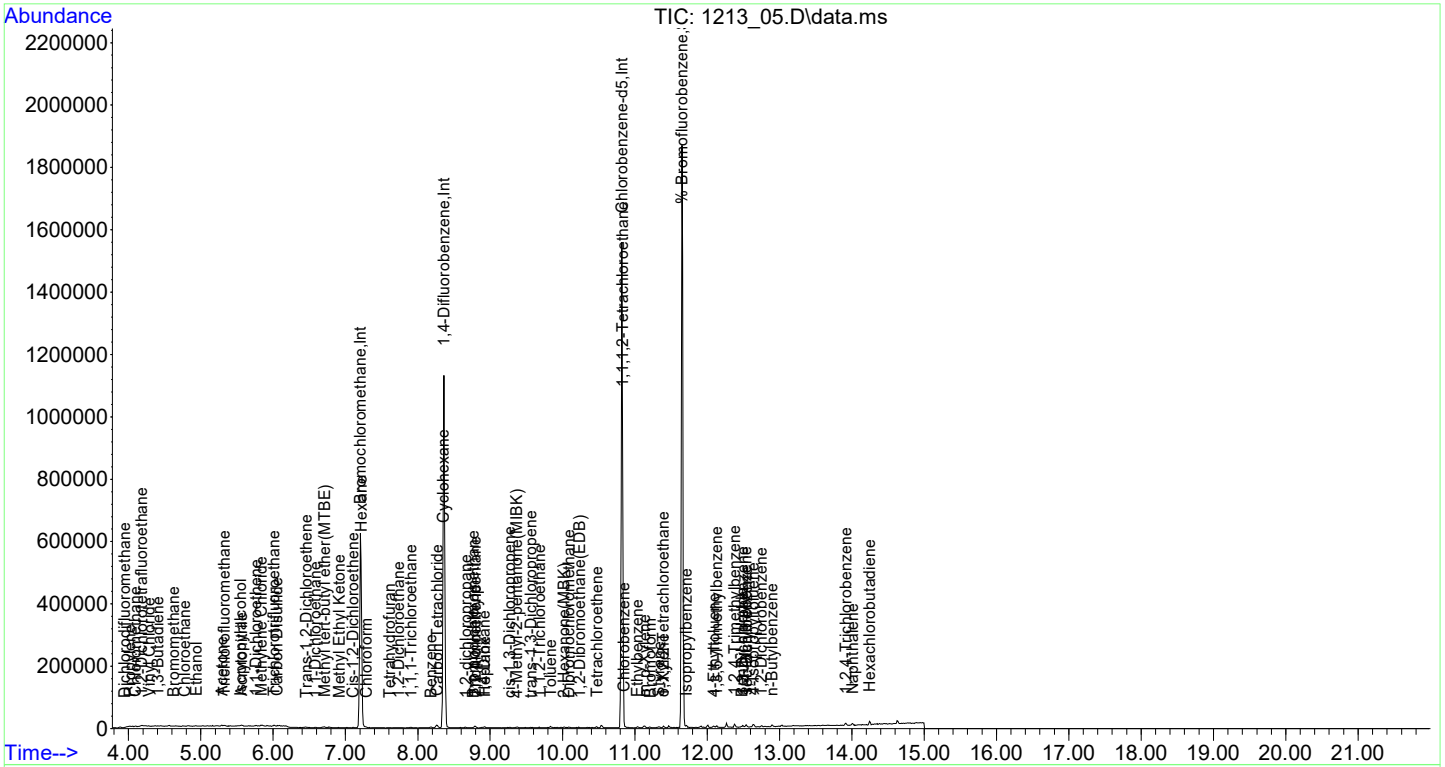
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	3480	0.021	ppbv	99
115] 4-Isopropyltoluene(sim)	12.631	119	3905m	0.027	ppbv	93
116] 1,2-Dichlorobenzene(sim)	12.754	146	1752	0.023	ppbv	94
117] n-Butylbenzene(sim)	12.898	91	3136m	0.025	ppbv	94
118] 1,2,4-Trichlorobenzene...	13.914	180	1978	0.040	ppbv	98
119] Hexachlorobutadiene(sim)	14.247	225	1930	0.025	ppbv#	80

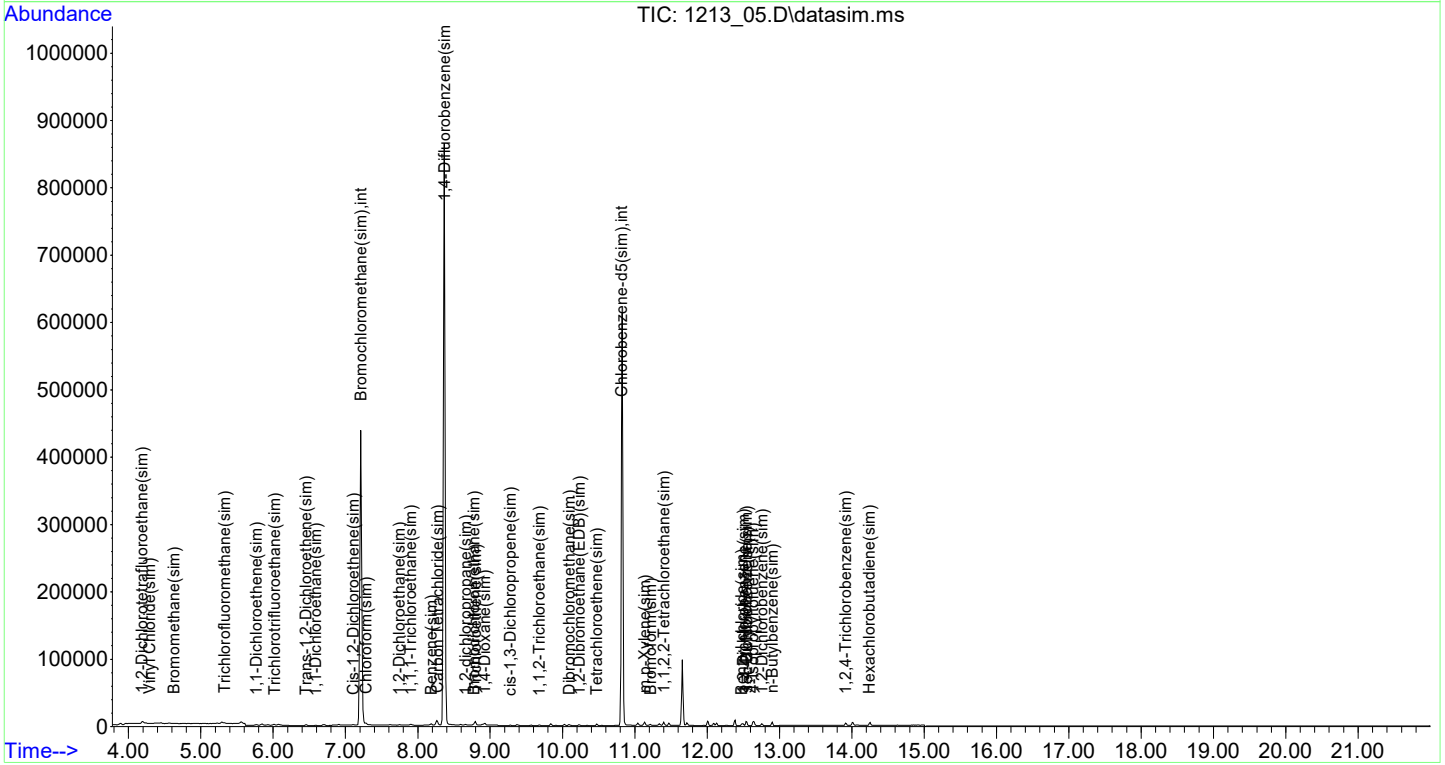
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

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

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

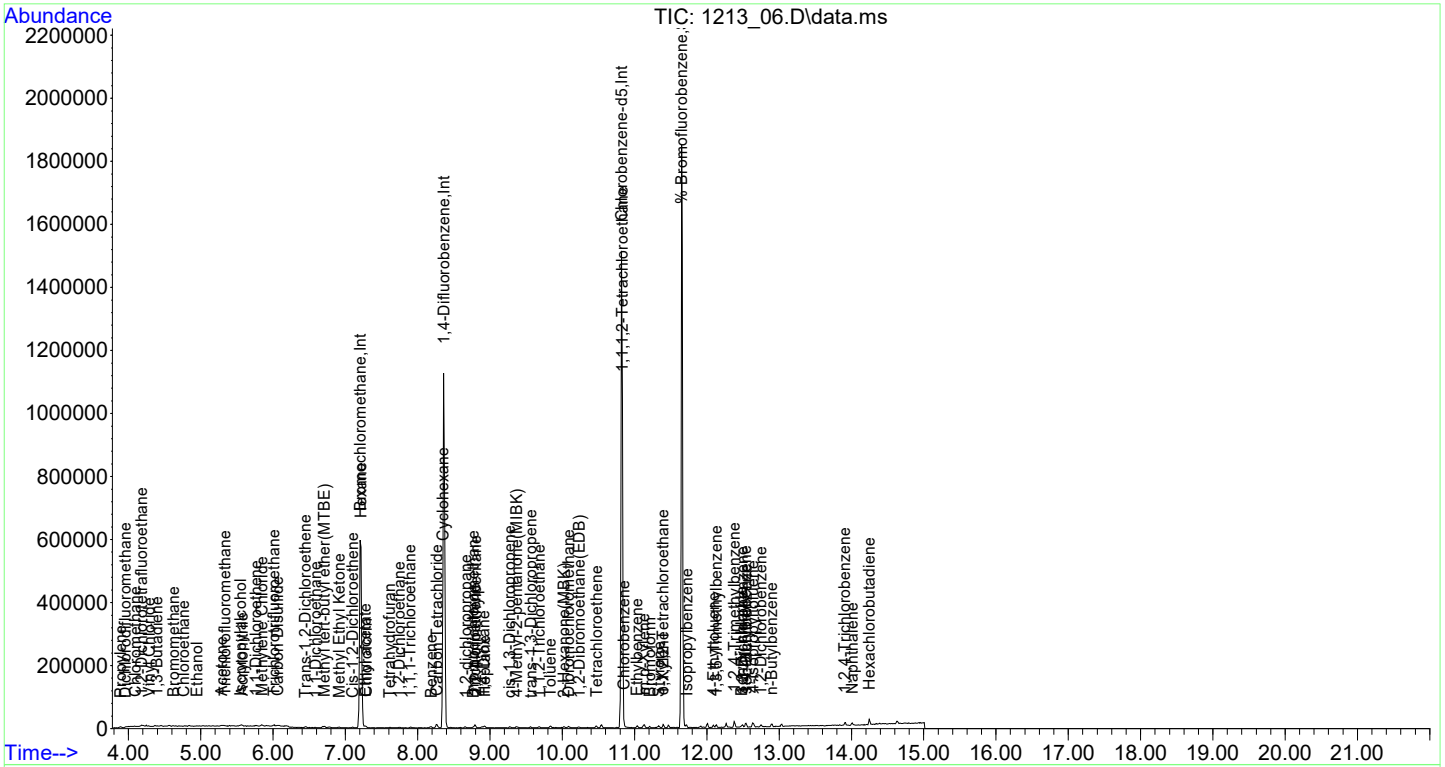
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	5738	0.034	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	5200	0.036	ppbv	99
116] 1,2-Dichlorobenzene(sim)	12.754	146	2725	0.036	ppbv	95
117] n-Butylbenzene(sim)	12.893	91	4505	0.035	ppbv	98
118] 1,2,4-Trichlorobenzene...	13.914	180	2538	0.051	ppbv	98
119] Hexachlorobutadiene(sim)	14.247	225	2601	0.034	ppbv	96

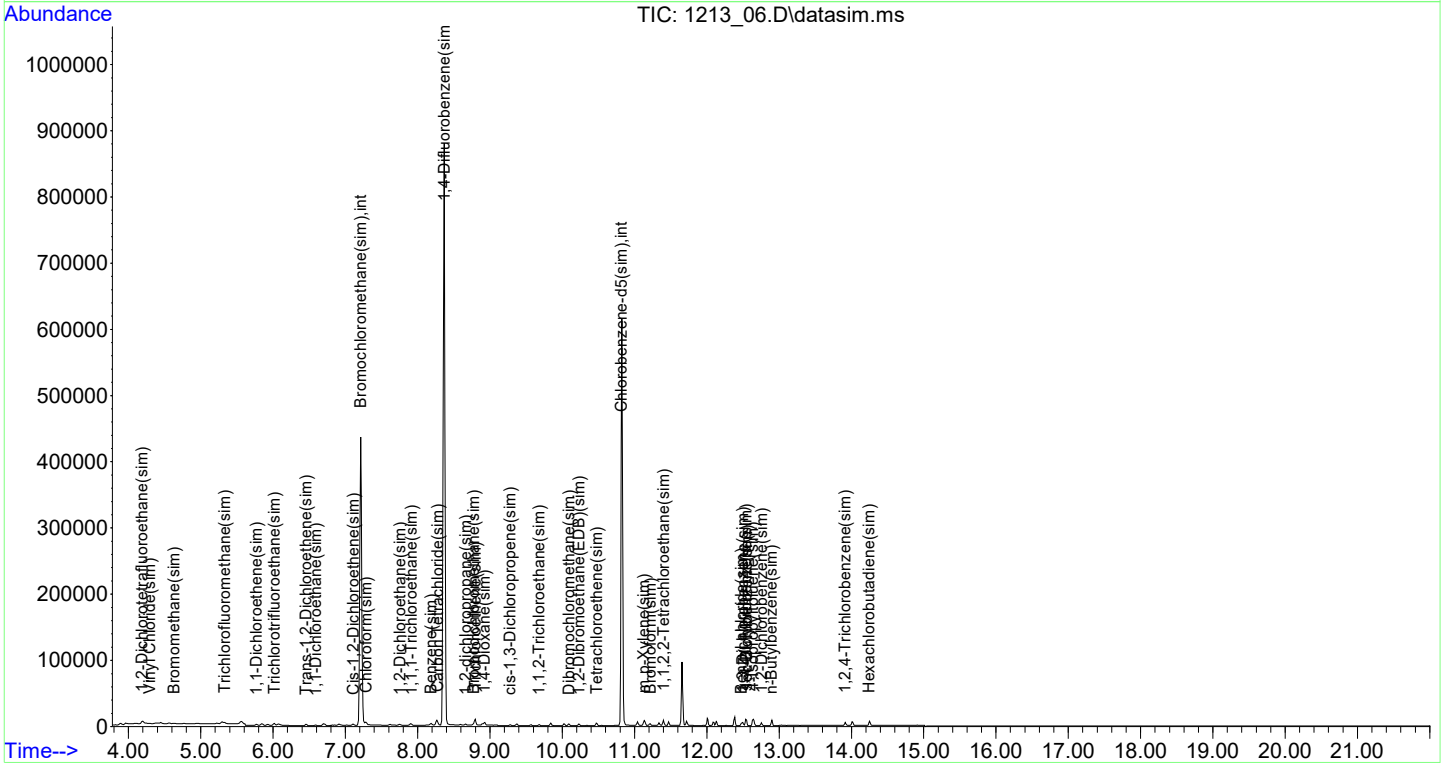
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

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

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)
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

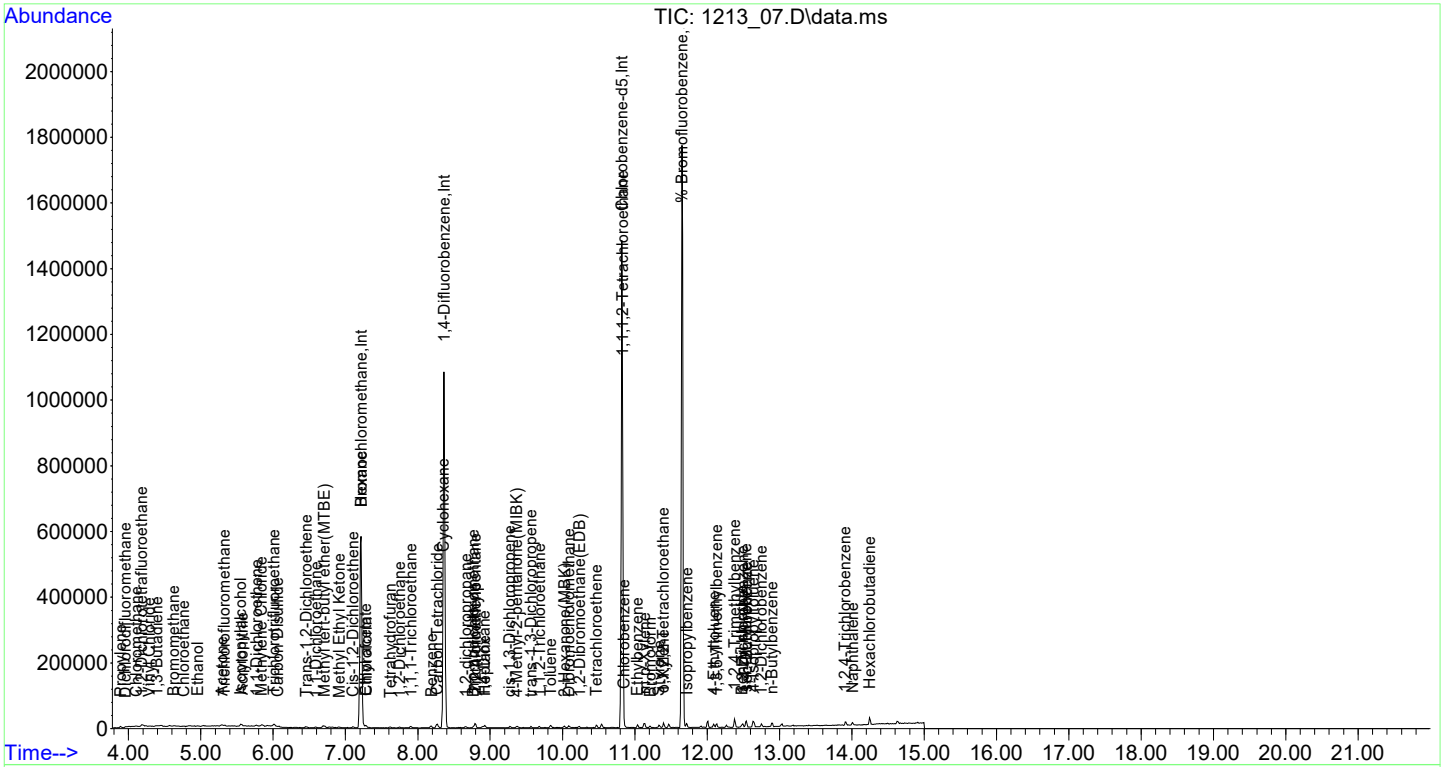
Quant Time: Dec 15 10:16:27 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

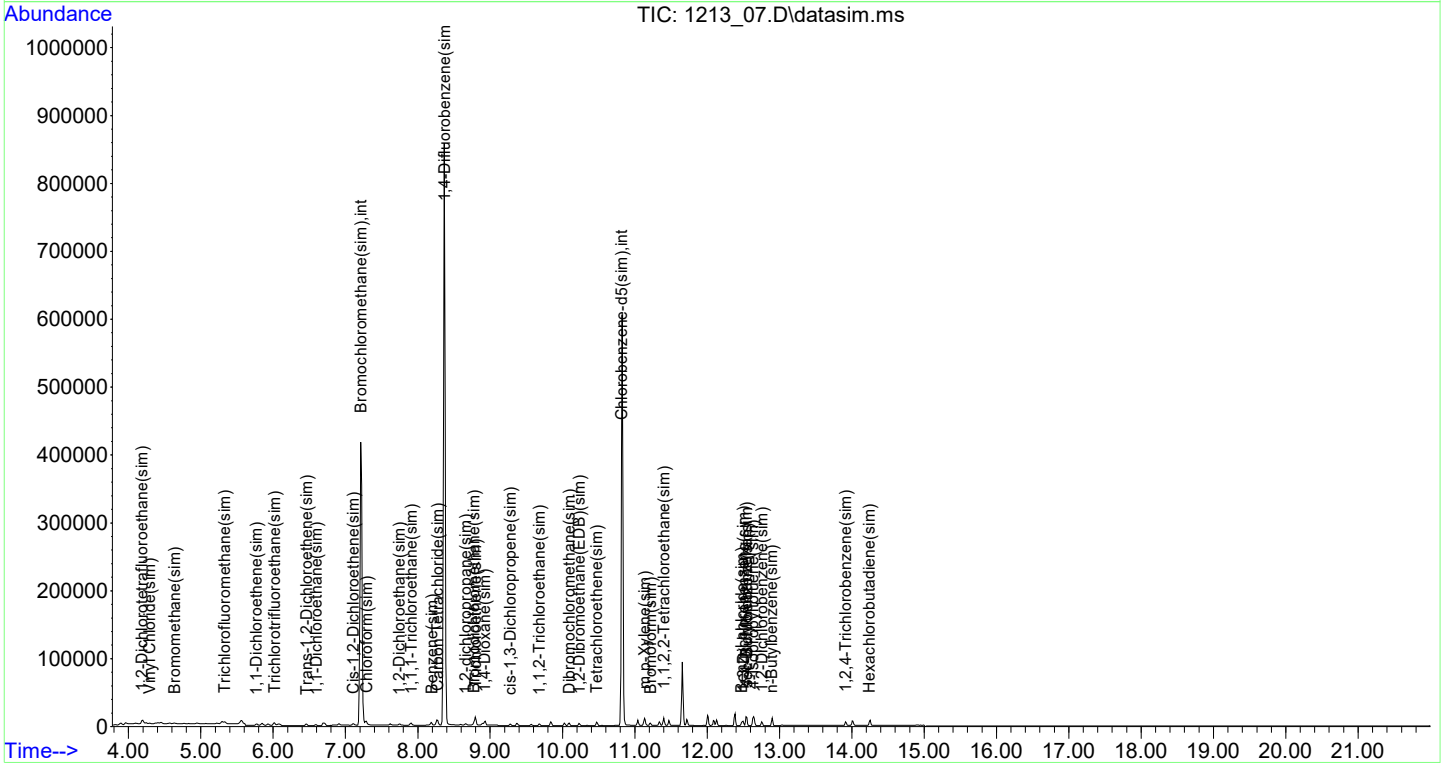
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	7870	0.048	ppbv	100
115] 4-Isopropyltoluene(sim)	12.636	119	7107	0.051	ppbv	95
116] 1,2-Dichlorobenzene(sim)	12.754	146	3635	0.050	ppbv	95
117] n-Butylbenzene(sim)	12.892	91	6134	0.050	ppbv	93
118] 1,2,4-Trichlorobenzene...	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

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

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

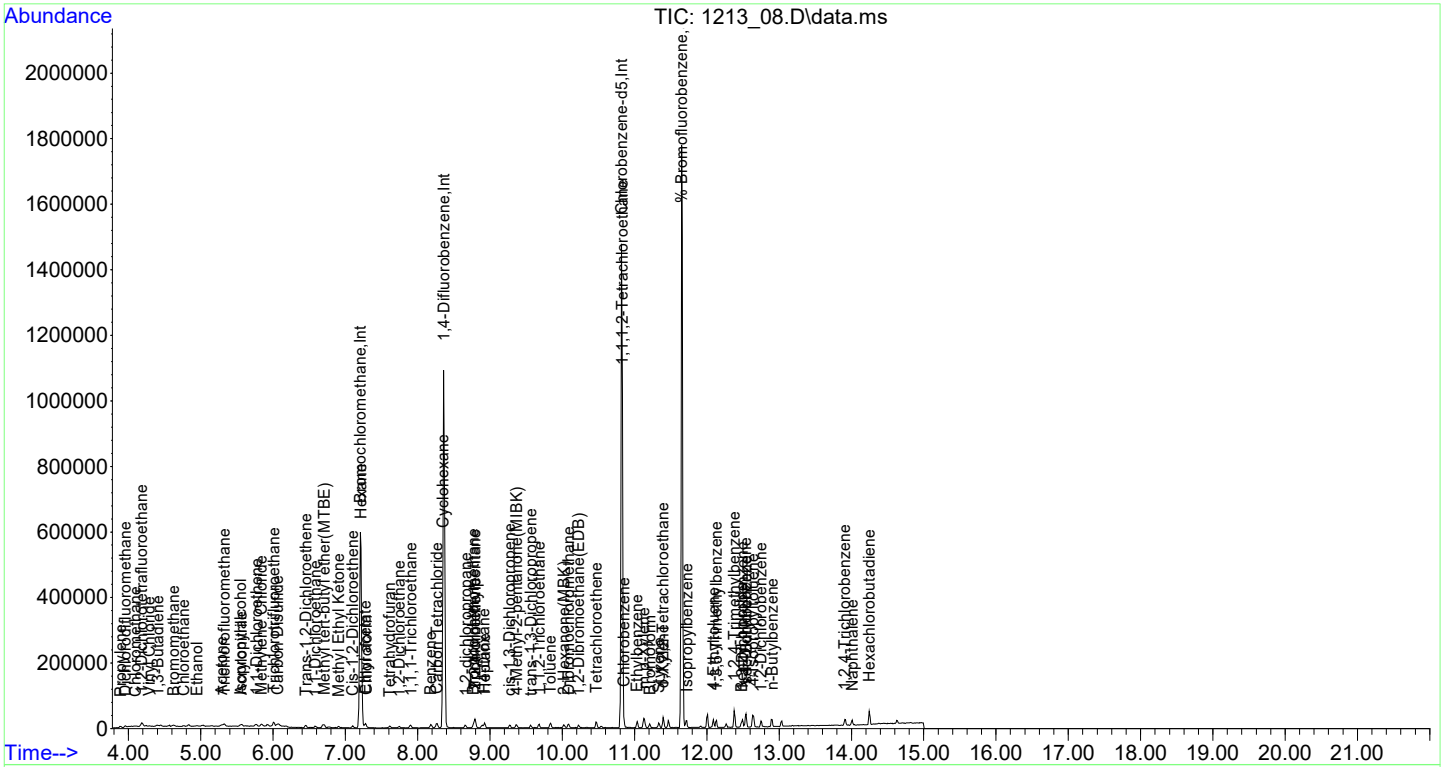
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	16953	0.104	ppbv	98
115] 4-Isopropyltoluene(sim)	12.636	119	14831	0.106	ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	7605	0.104	ppbv	96
117] n-Butylbenzene(sim)	12.903	91	12252	0.100	ppbv	95
118] 1,2,4-Trichlorobenzene...	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

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

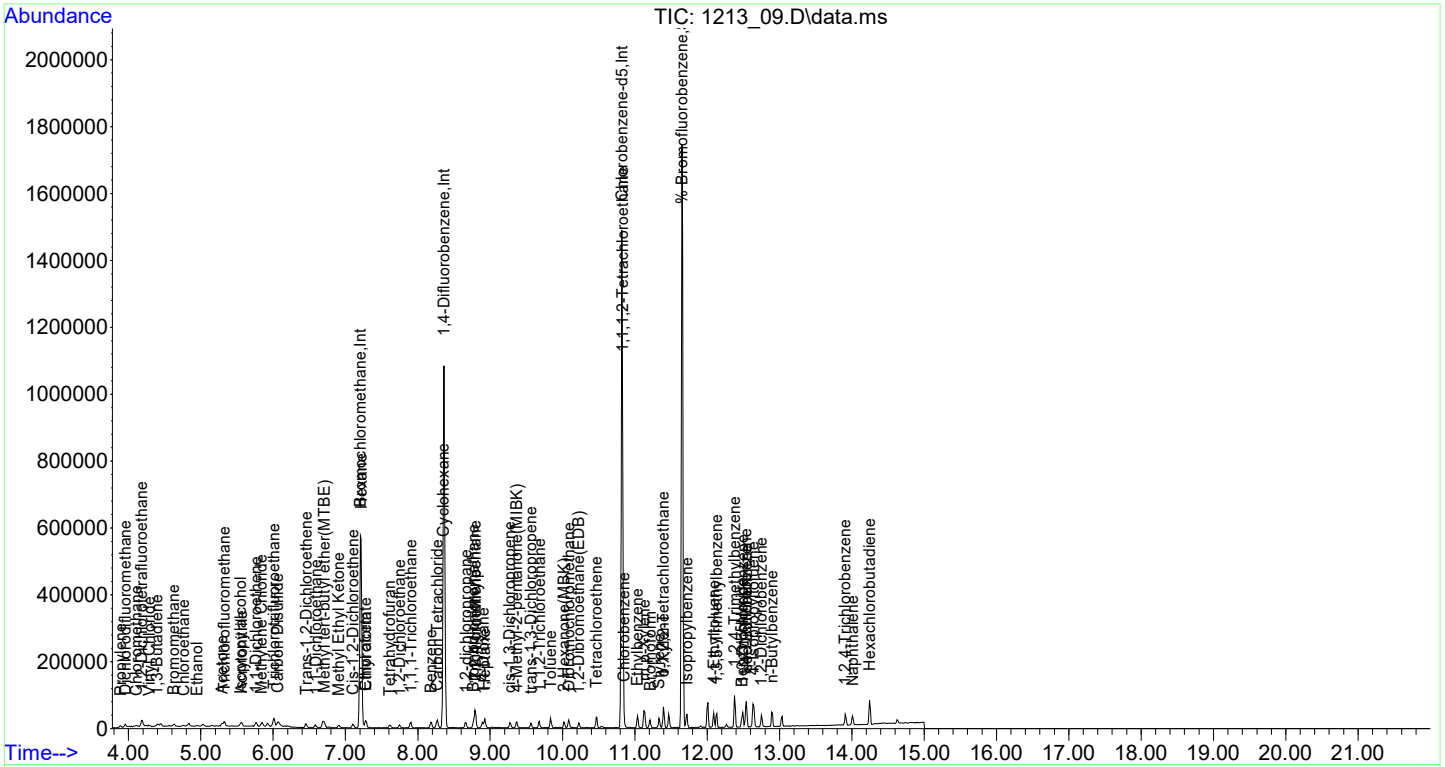
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	31985	0.197	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	28590	0.206	ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	14127	0.195	ppbv	96
117] n-Butylbenzene(sim)	12.892	91	23373	0.192	ppbv	95
118] 1,2,4-Trichlorobenzene...	13.914	180	10382	0.203	ppbv	98
119] Hexachlorobutadiene(sim)	14.247	225	12680	0.176	ppbv	97

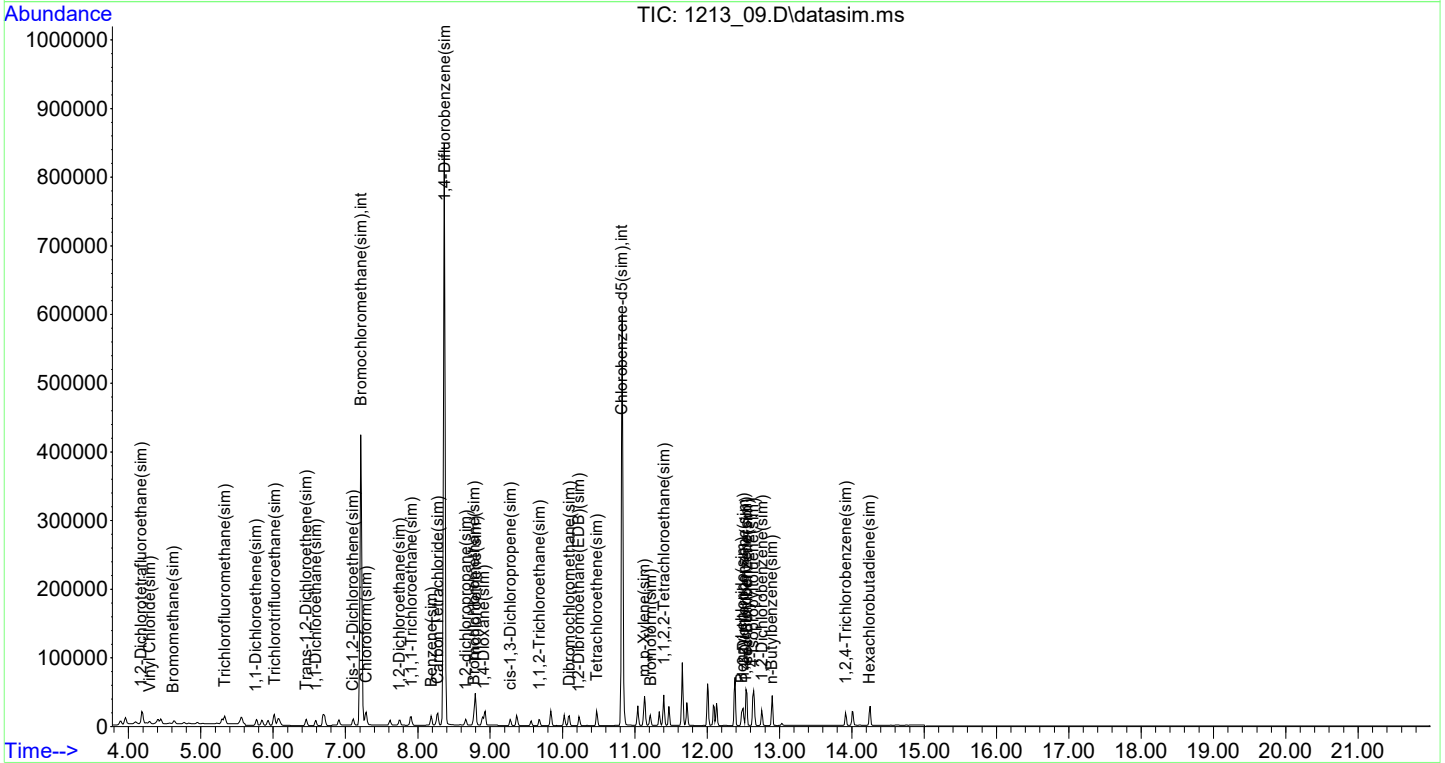
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

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

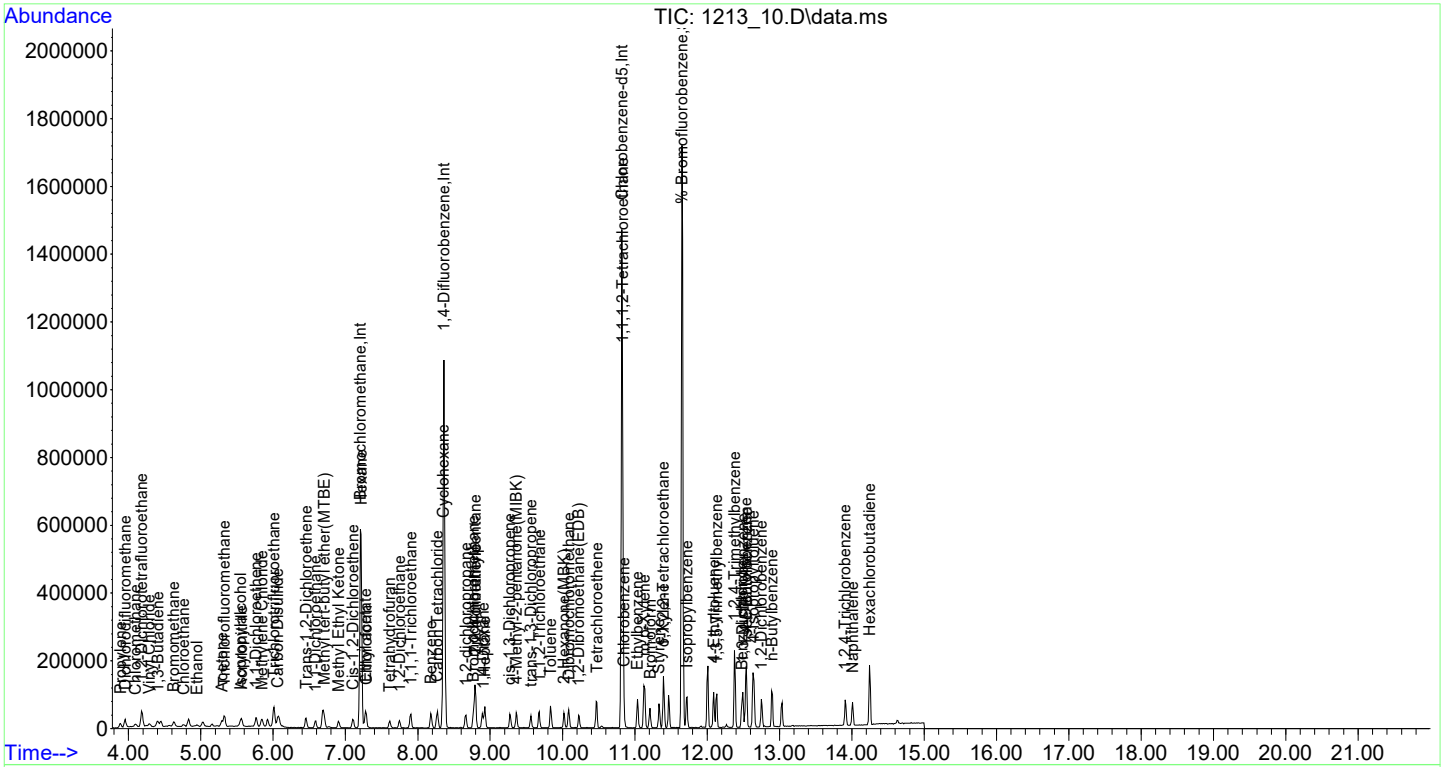
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	76381	0.479	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	67034	0.491	ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	33858	0.474	ppbv	96
117] n-Butylbenzene(sim)	12.893	91	55092	0.460	ppbv	98
118] 1,2,4-Trichlorobenzene...	13.914	180	24660	0.443	ppbv	98
119] Hexachlorobutadiene(sim)	14.247	225	30698	0.446	ppbv	98

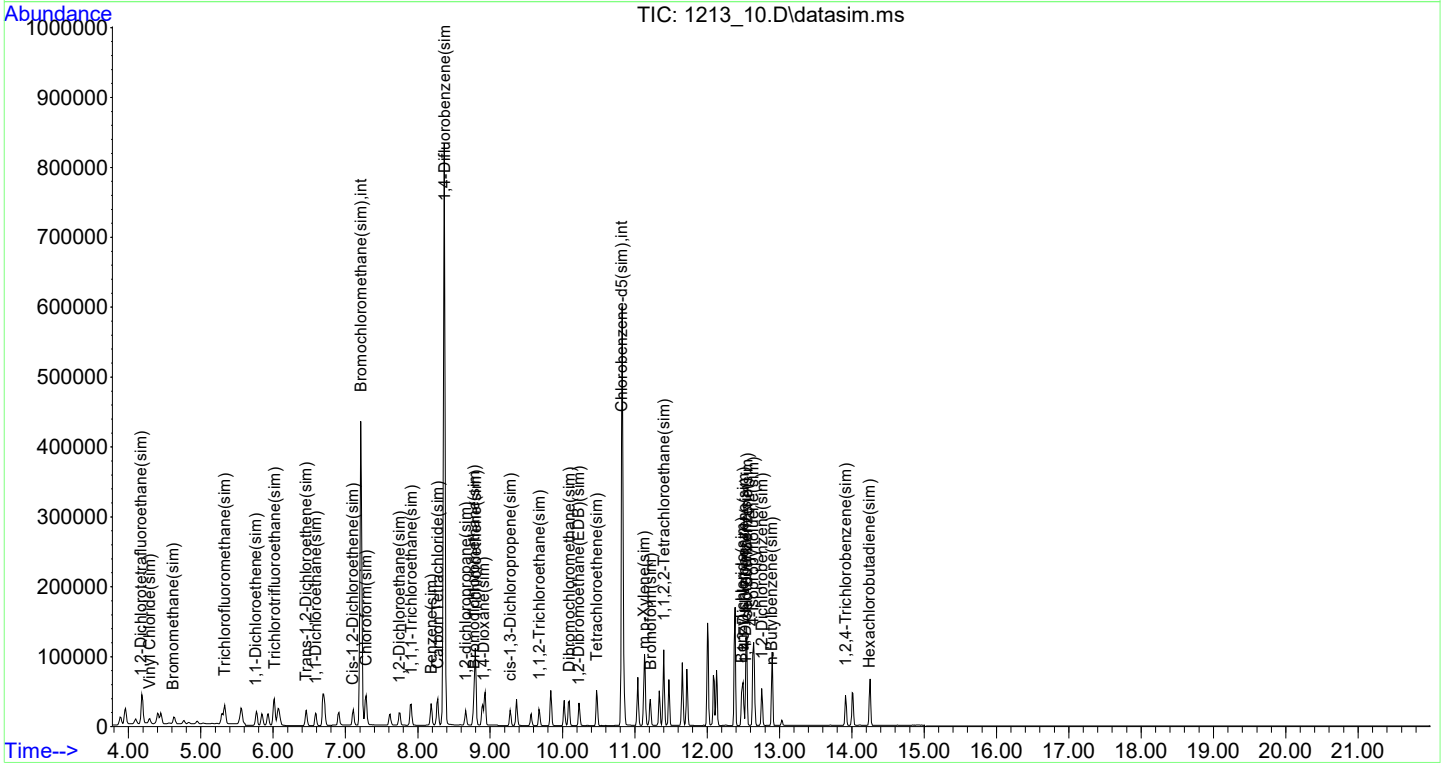
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

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

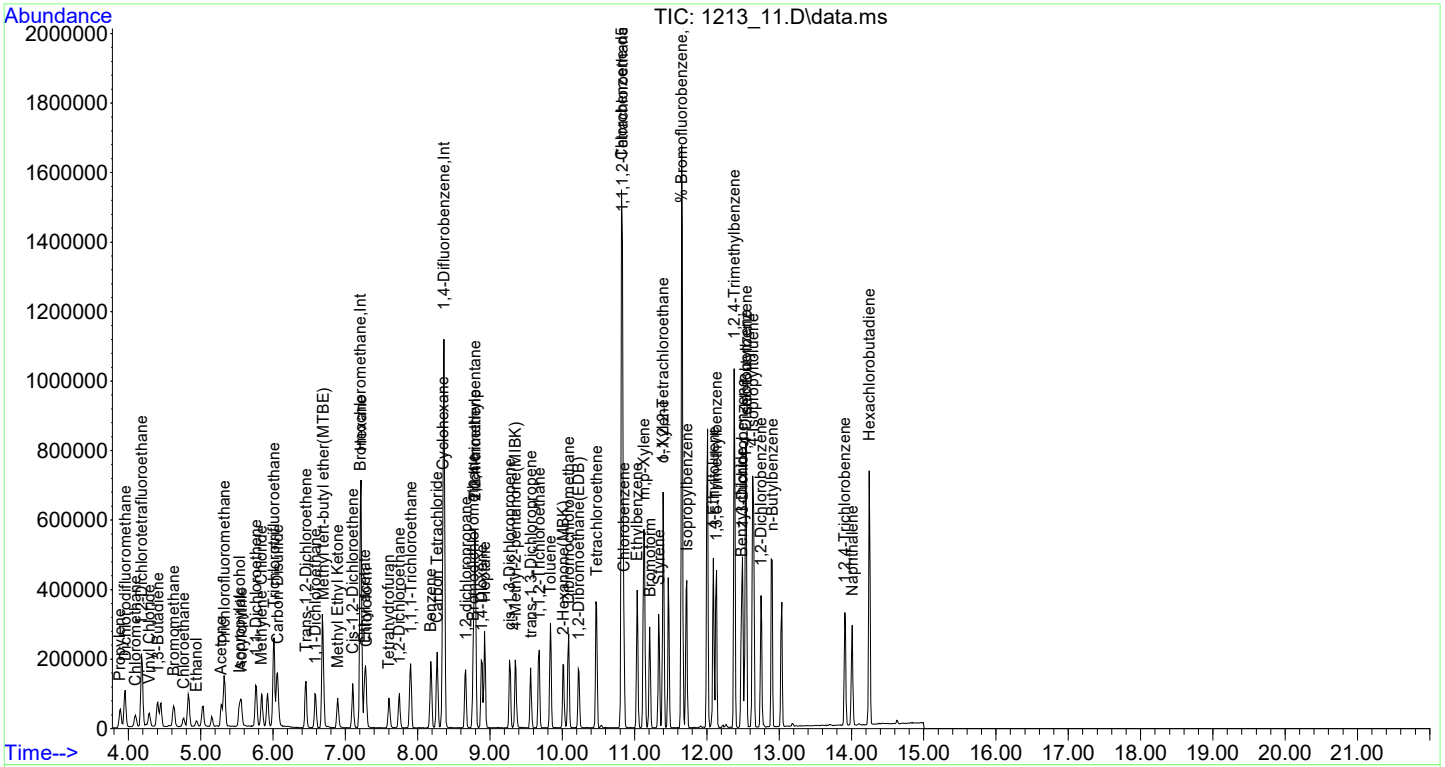
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	348450	2.189	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	304560	2.237	ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	155582	2.184	ppbv	96
117] n-Butylbenzene(sim)	12.903	91	266262	2.227	ppbv	96
118] 1,2,4-Trichlorobenzene...	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

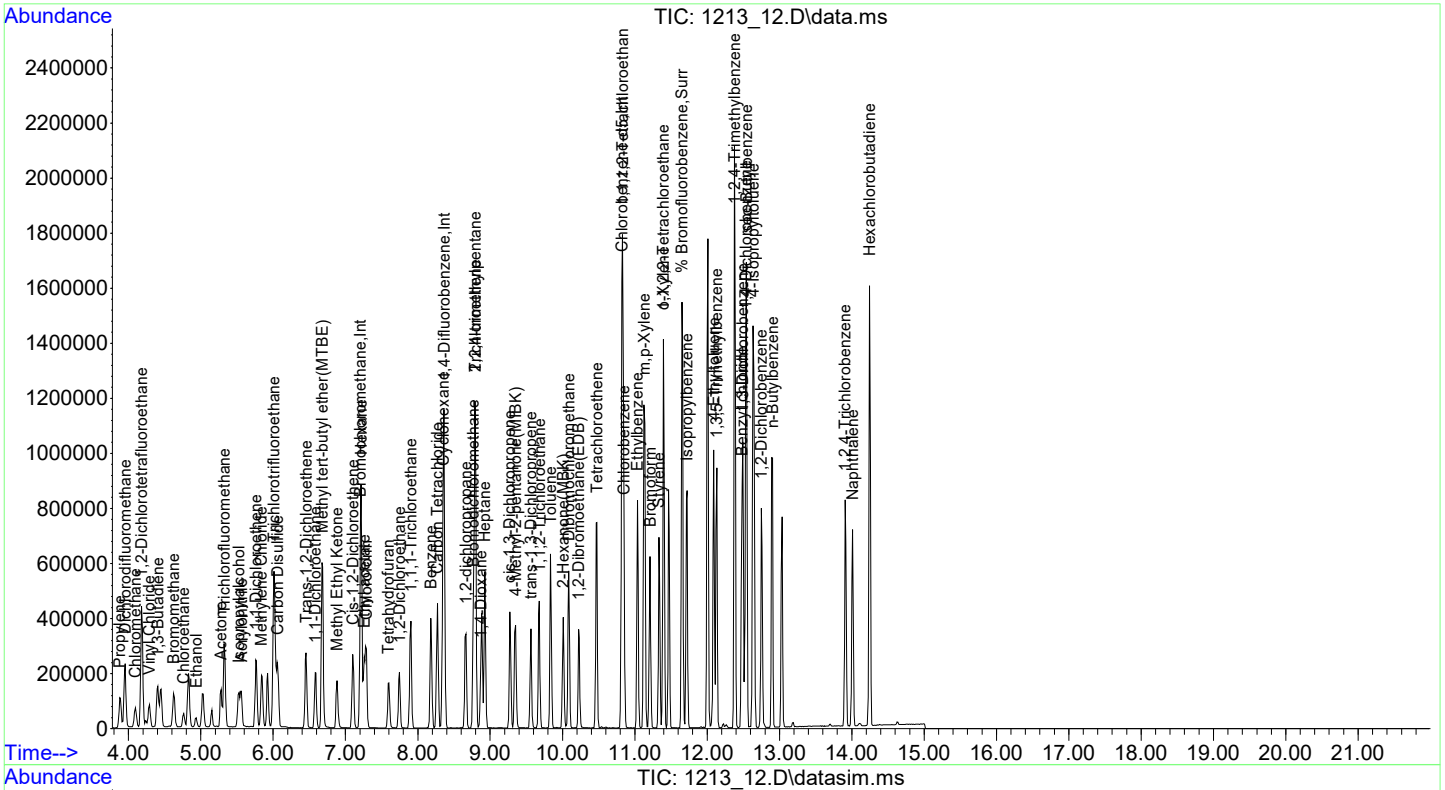
Quant Time: Dec 15 09:47:40 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Fri Dec 13 09:20:54 2024
Response via : Initial Calibration

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

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

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

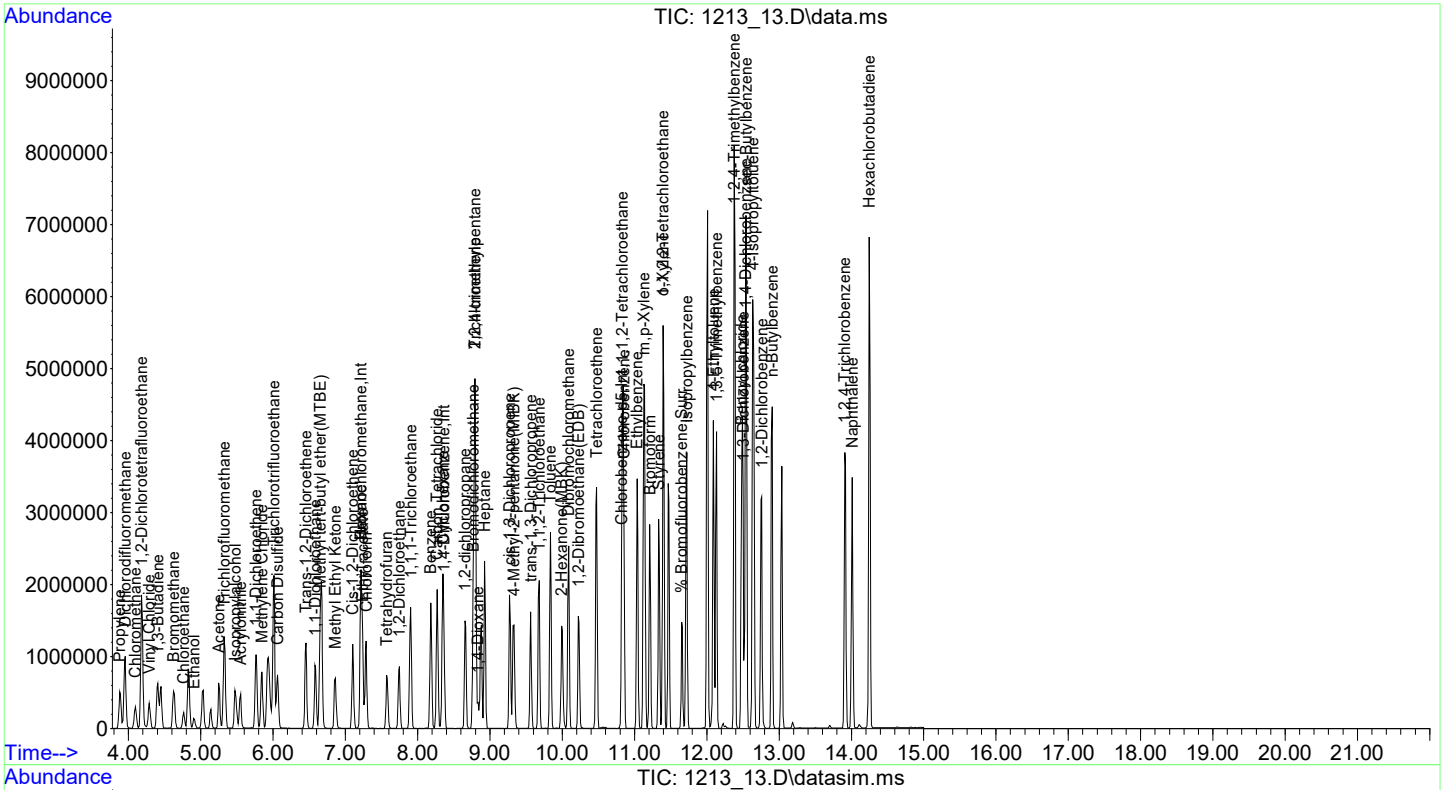
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	2739746	16.774	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	2593173	18.559	ppbv	98
116] 1,2-Dichlorobenzene(sim)	12.754	146	1434781	19.622	ppbv	95
117] n-Butylbenzene(sim)	12.903	91	2336467	19.045	ppbv	98
118] 1,2,4-Trichlorobenzene...	13.914	180	1355864	6.730	ppbv	96

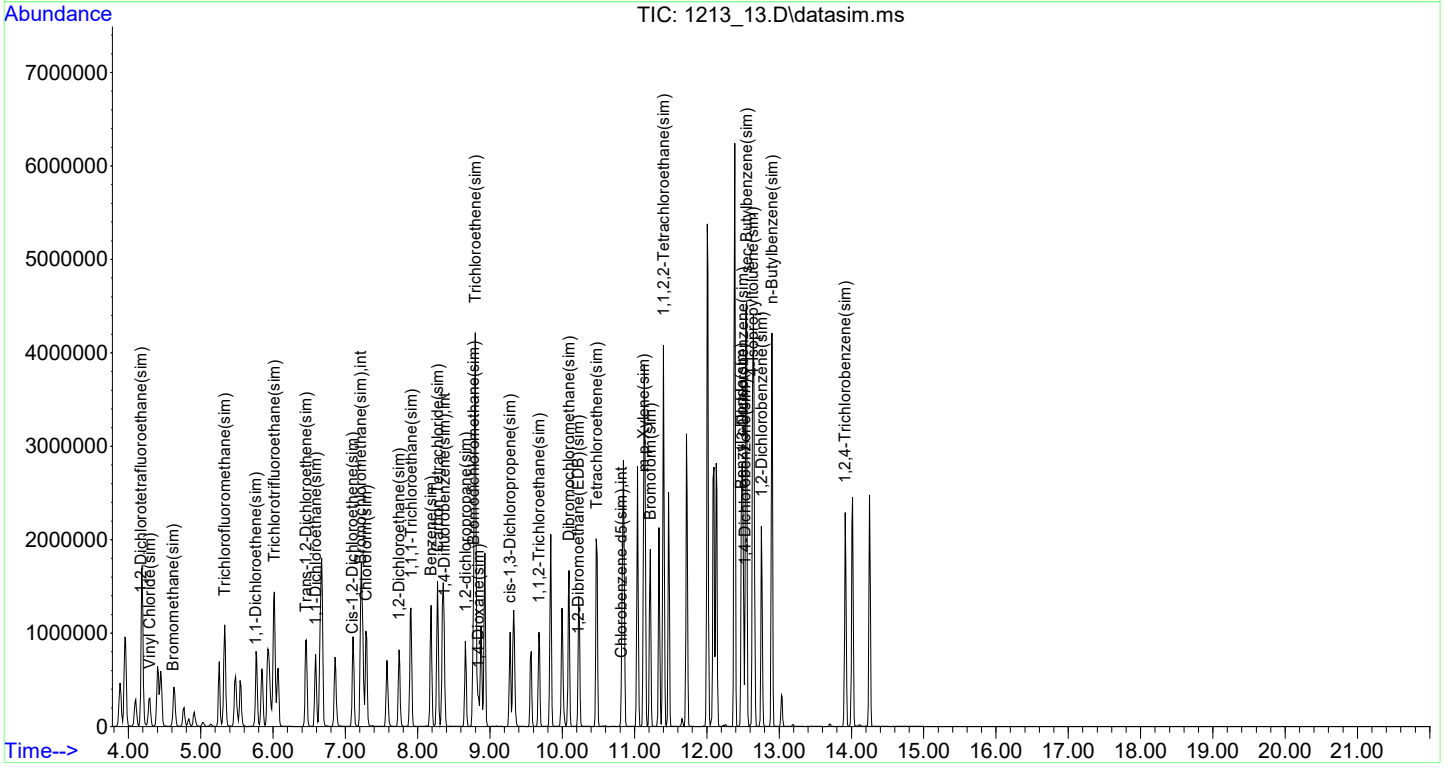
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

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

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

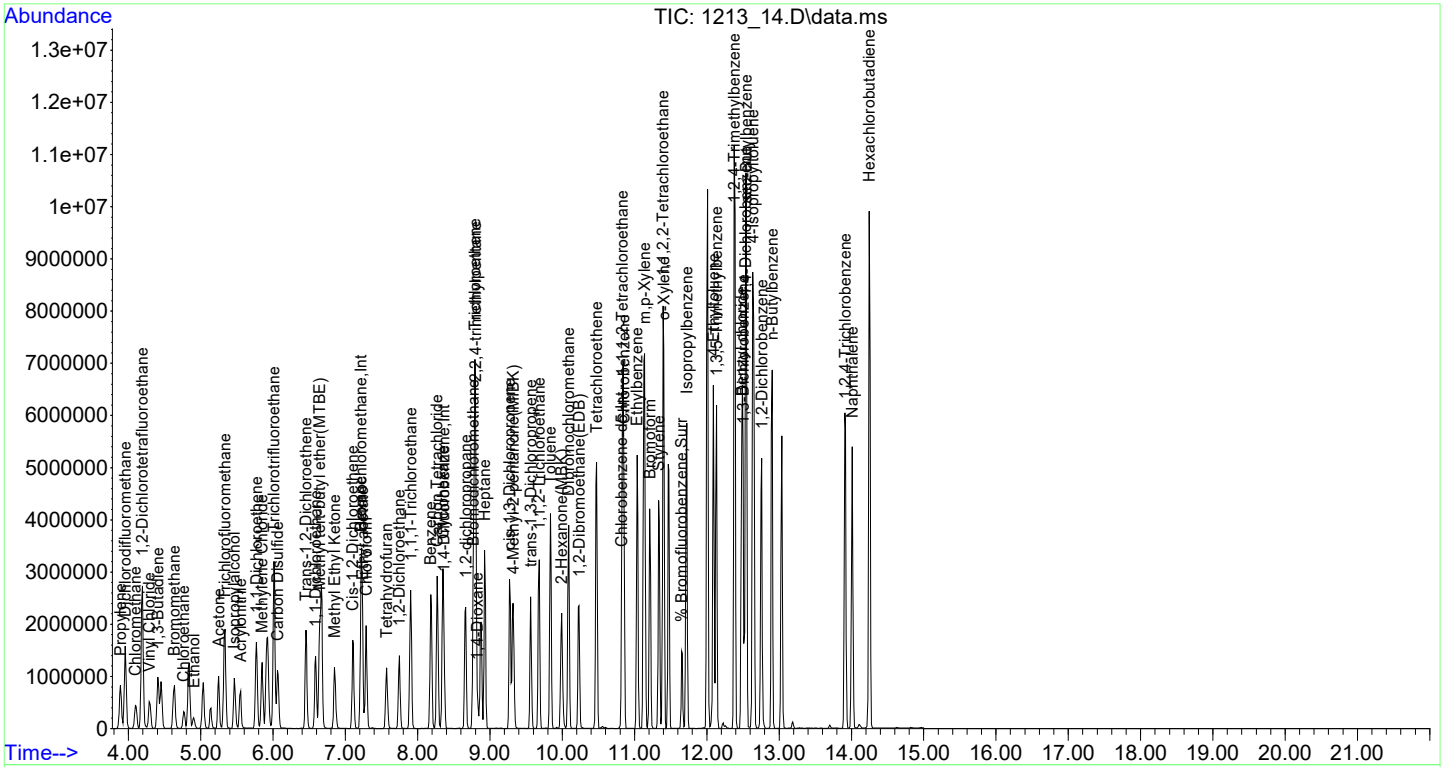
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	3915125	22.586	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	3814253	25.722	ppbv	99
116] 1,2-Dichlorobenzene(sim)	12.754	146	2170227	27.967	ppbv	94
117] n-Butylbenzene(sim)	12.903	91	3489316	26.800	ppbv	99
118] 1,2,4-Trichlorobenzene...	13.914	180	2105762	8.330	ppbv	96

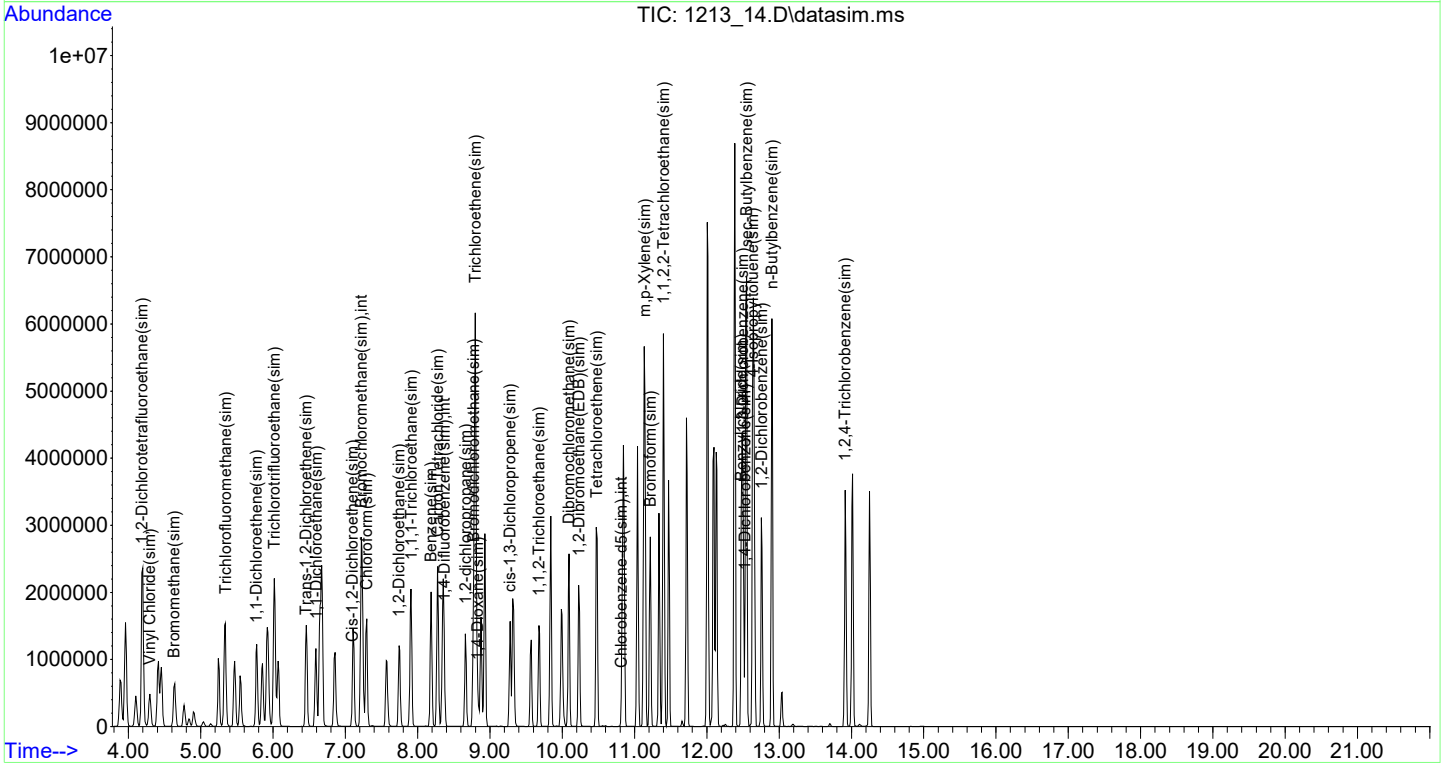
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

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

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)
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

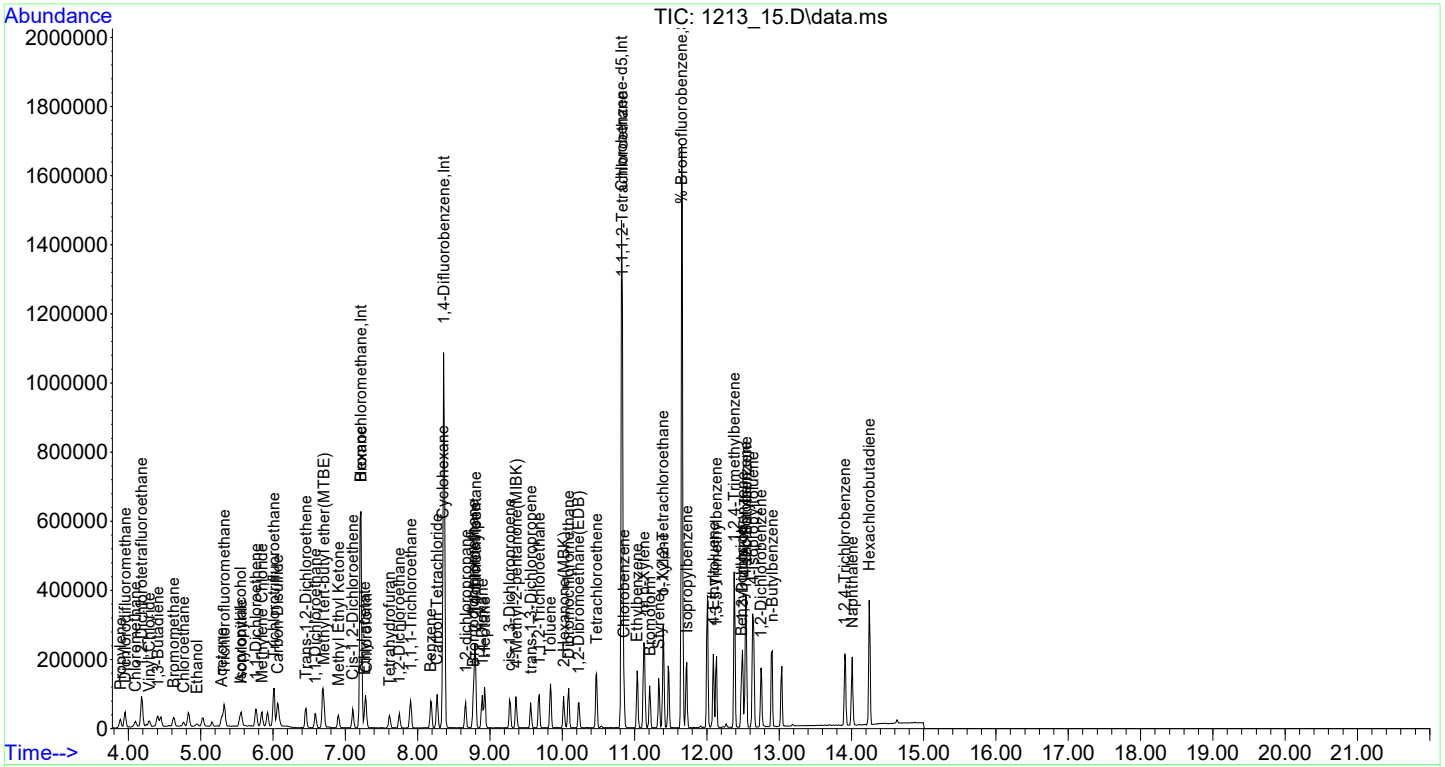
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	156004	0.964	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	137365	0.992	ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	73063	1.008	ppbv	96
117] n-Butylbenzene(sim)	12.903	91	120236	0.989	ppbv	96
118] 1,2,4-Trichlorobenzene...	13.914	180	71800	1.025	ppbv	98
119] Hexachlorobutadiene(sim)	14.247	225	63171	1.024	ppbv	98

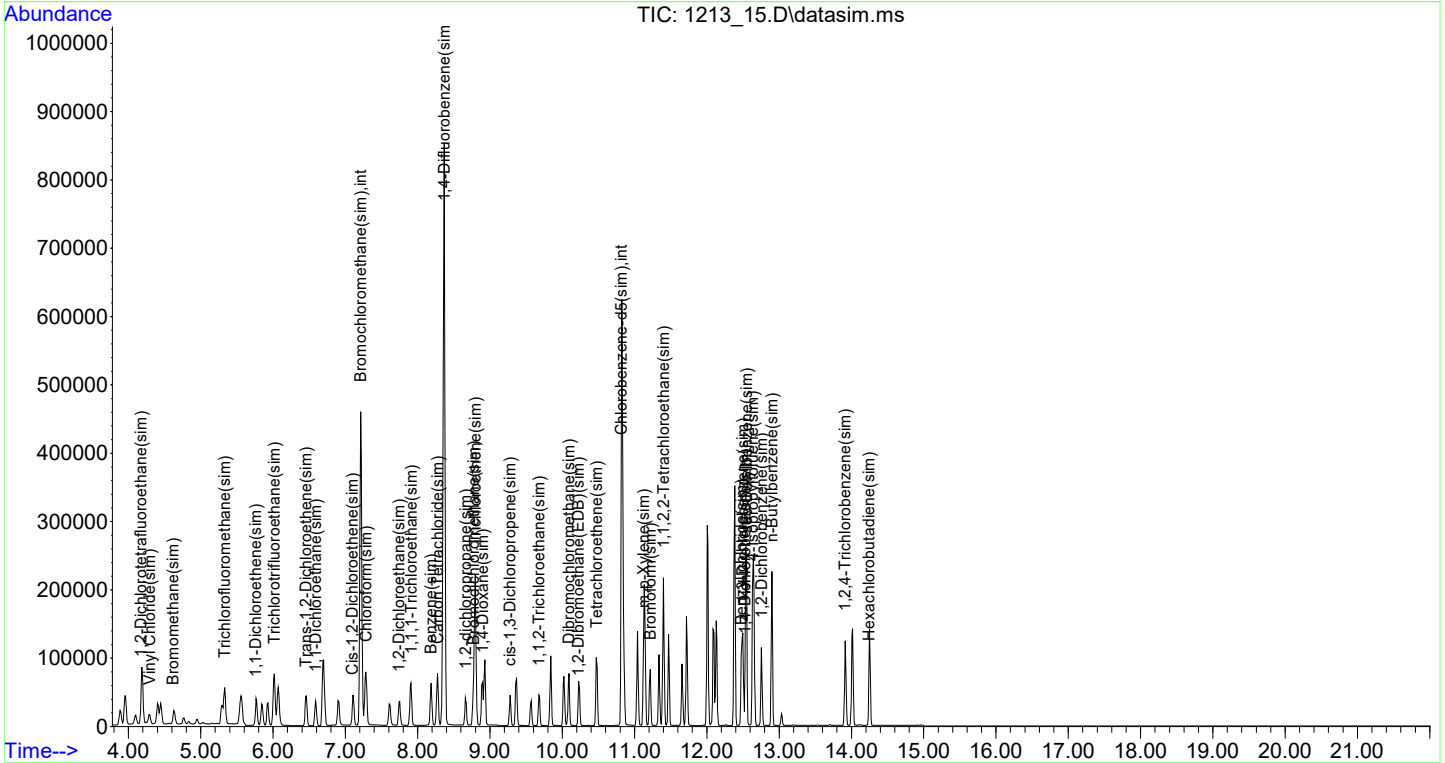
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

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

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

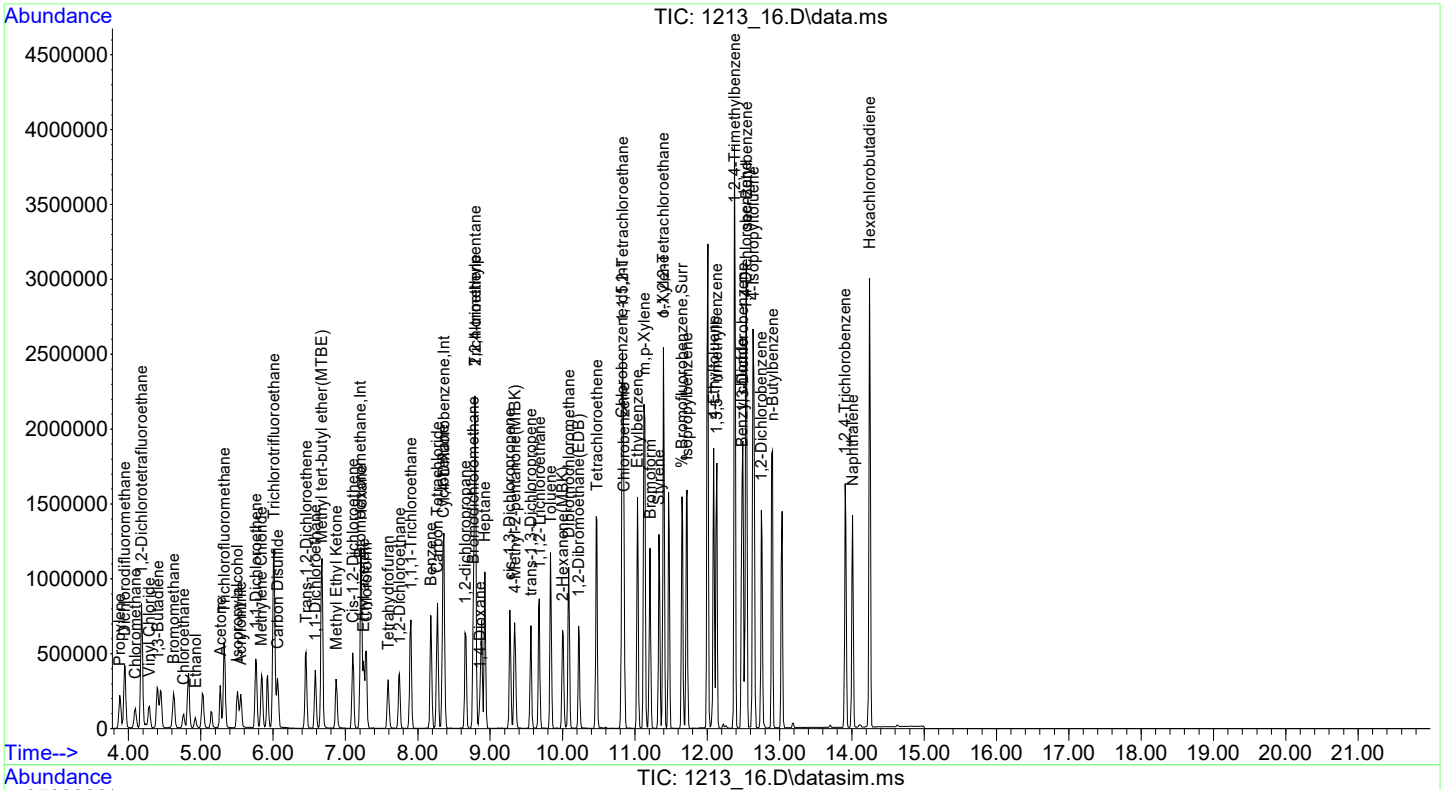
Quant Time: Dec 15 10:20:52 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

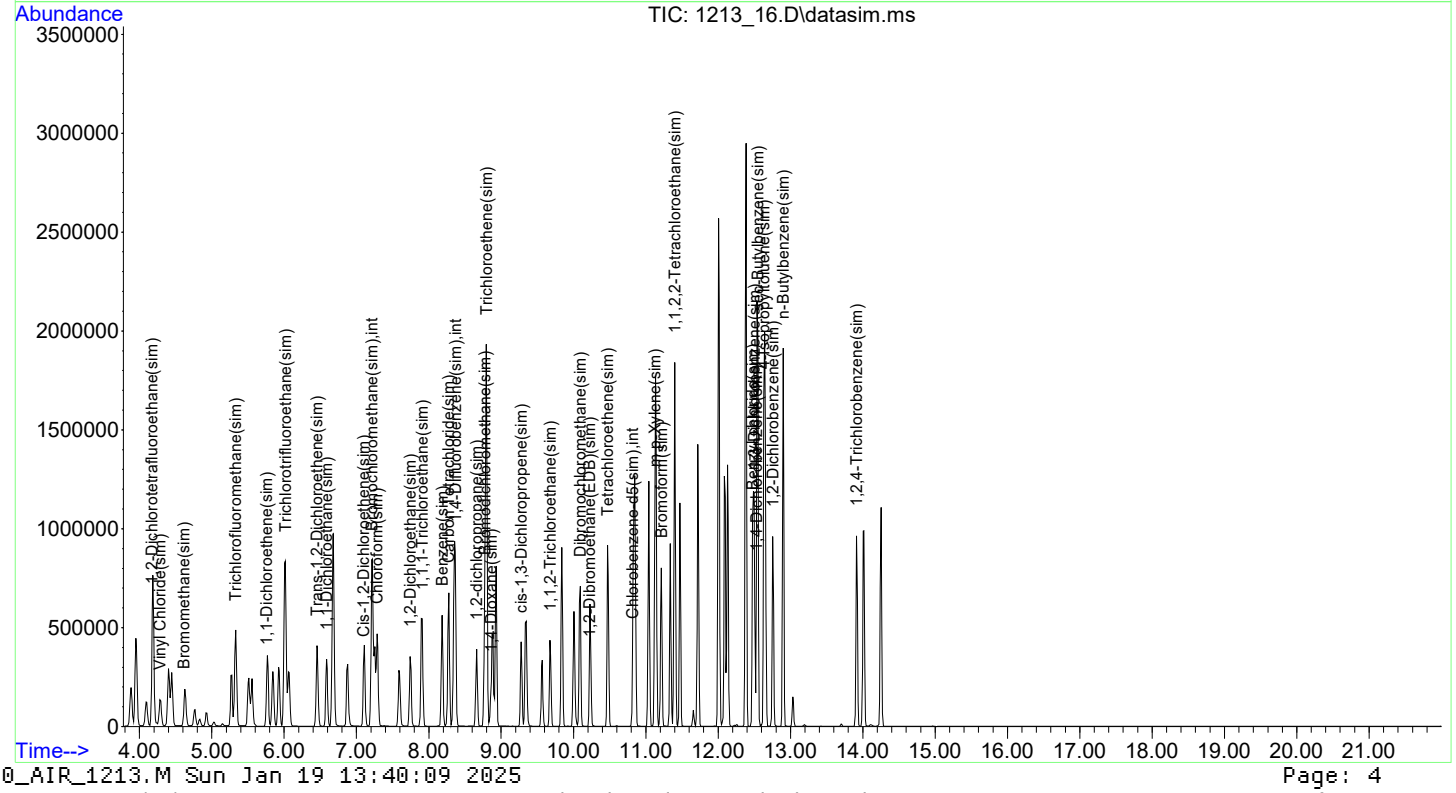
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	1262986	8.103	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	1142460	8.569	ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	622210	8.917	ppbv	96
117] n-Butylbenzene(sim)	12.903	91	1020693	8.719	ppbv	97
118] 1,2,4-Trichlorobenzene...	13.914	180	554731	4.263	ppbv	97

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

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

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)
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

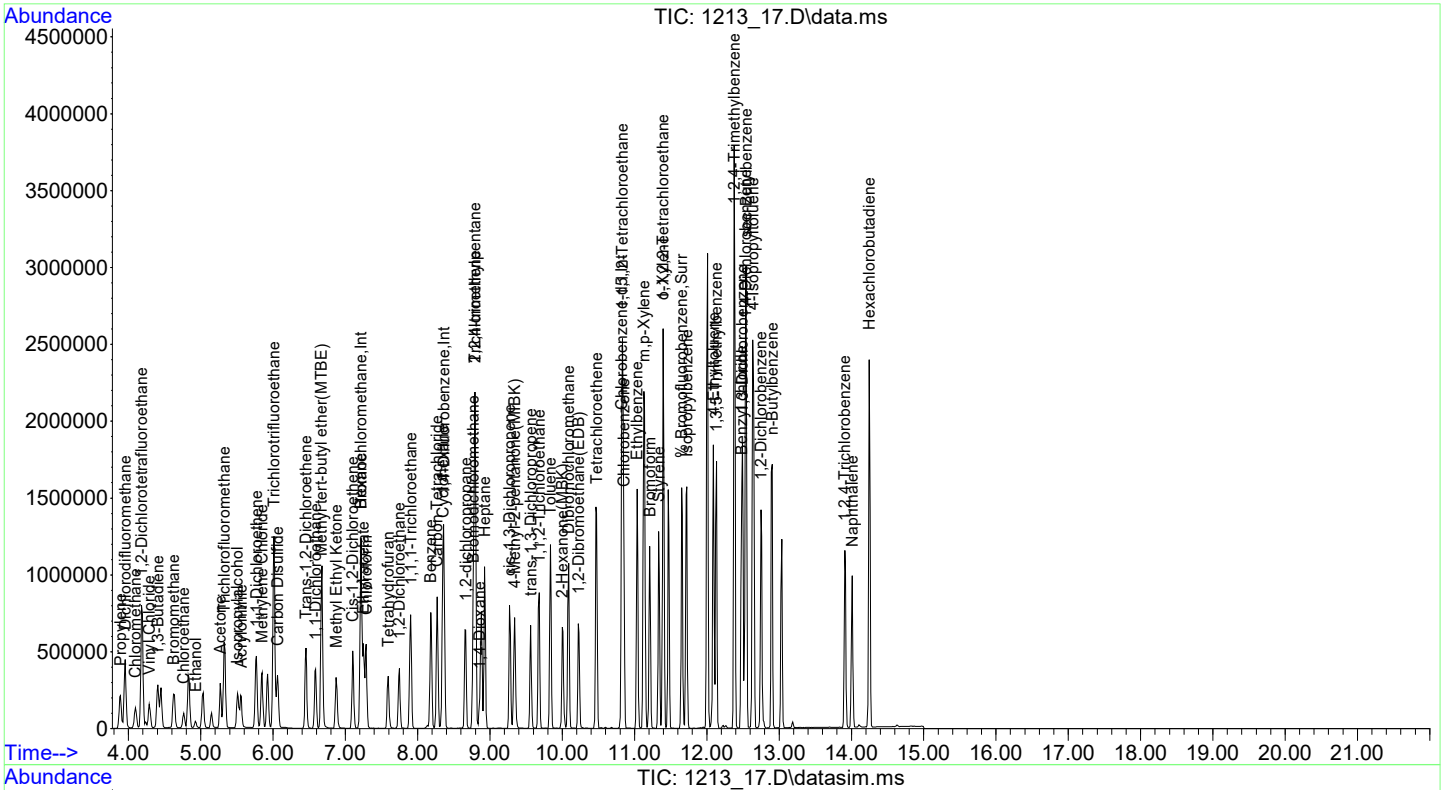
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	1204921	7.606	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	1078702	7.960	ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	606433	8.552	ppbv	96
117] n-Butylbenzene(sim)	12.903	91	936984	7.875	ppbv	97
118] 1,2,4-Trichlorobenzene...	13.914	180	394652	3.415	ppbv	97

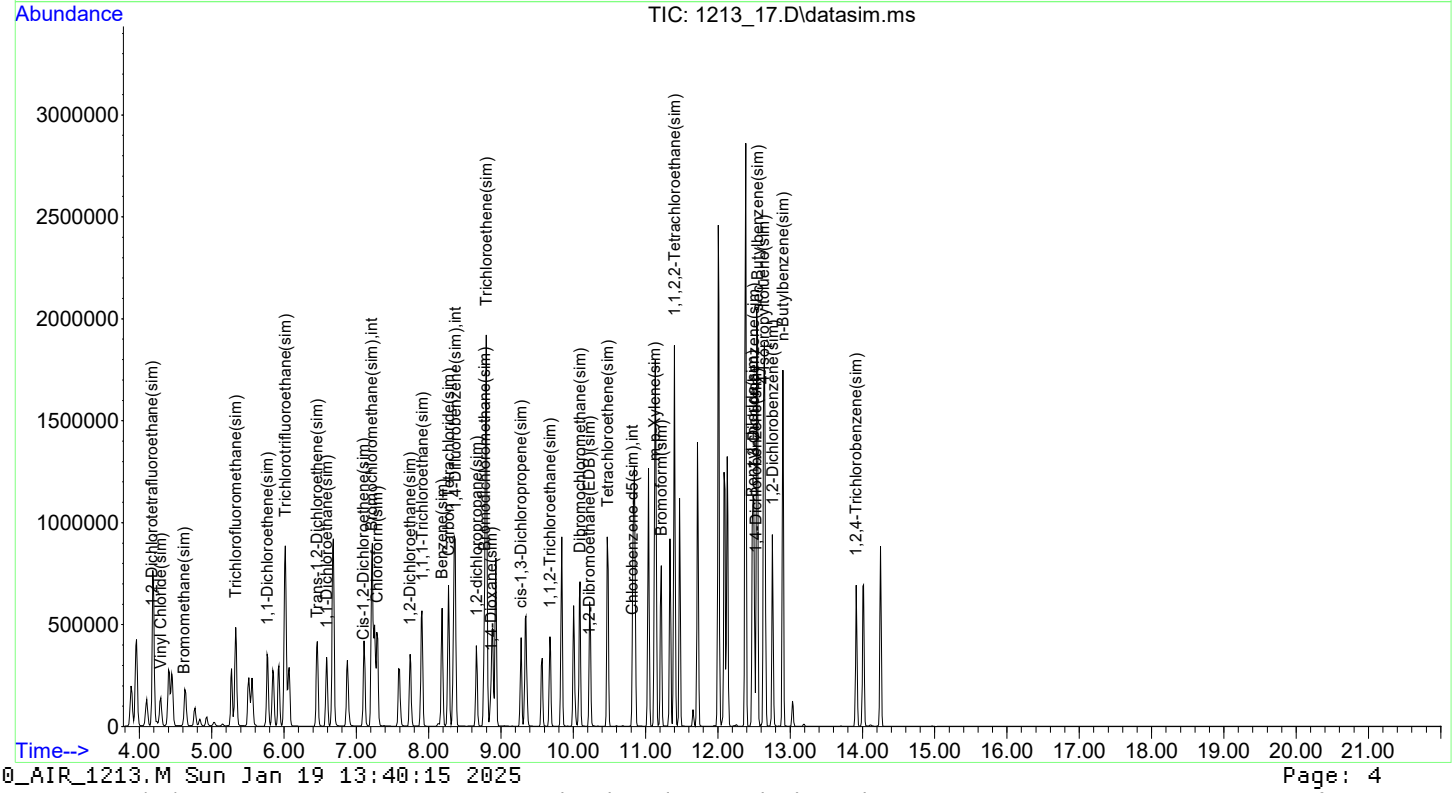
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

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

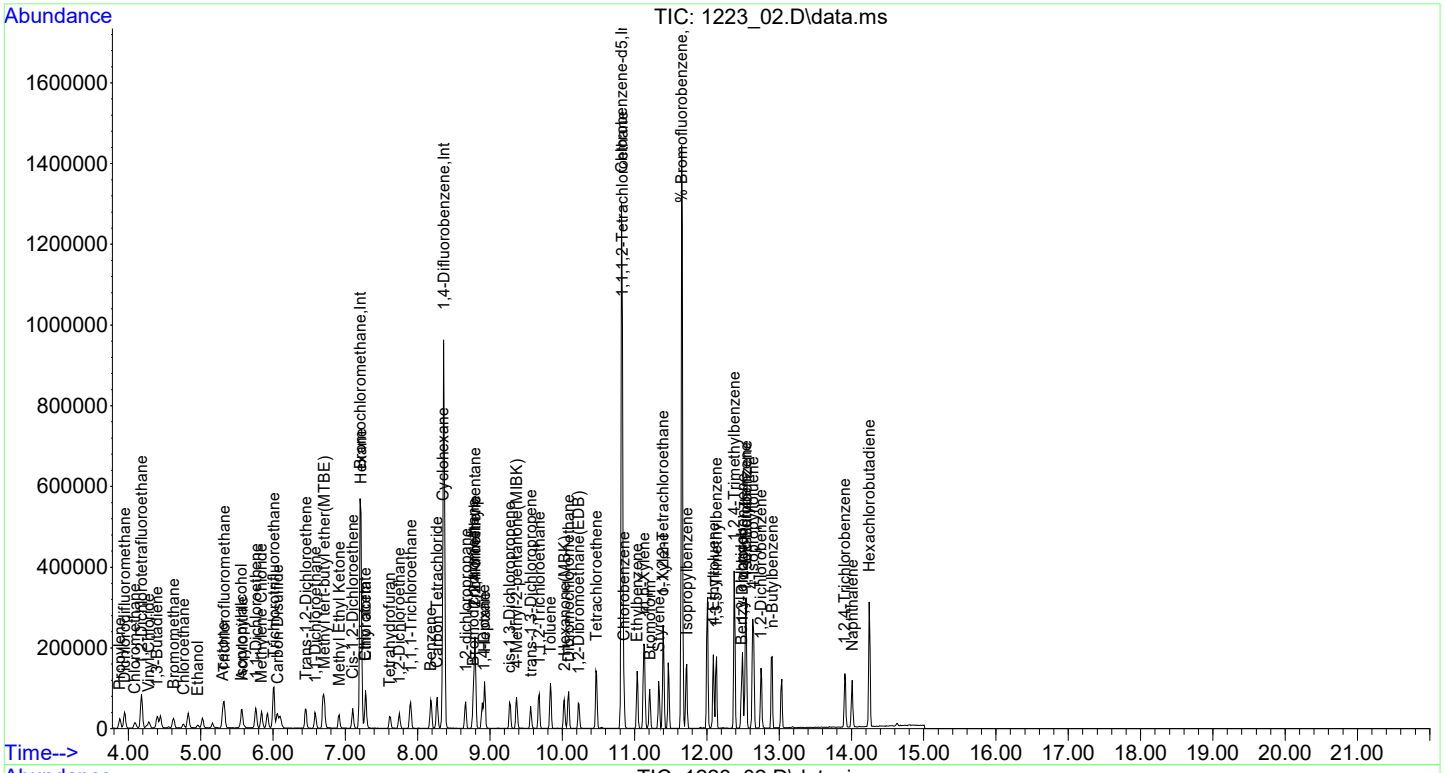
Quant Time: Dec 23 12:47:11 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

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

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

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

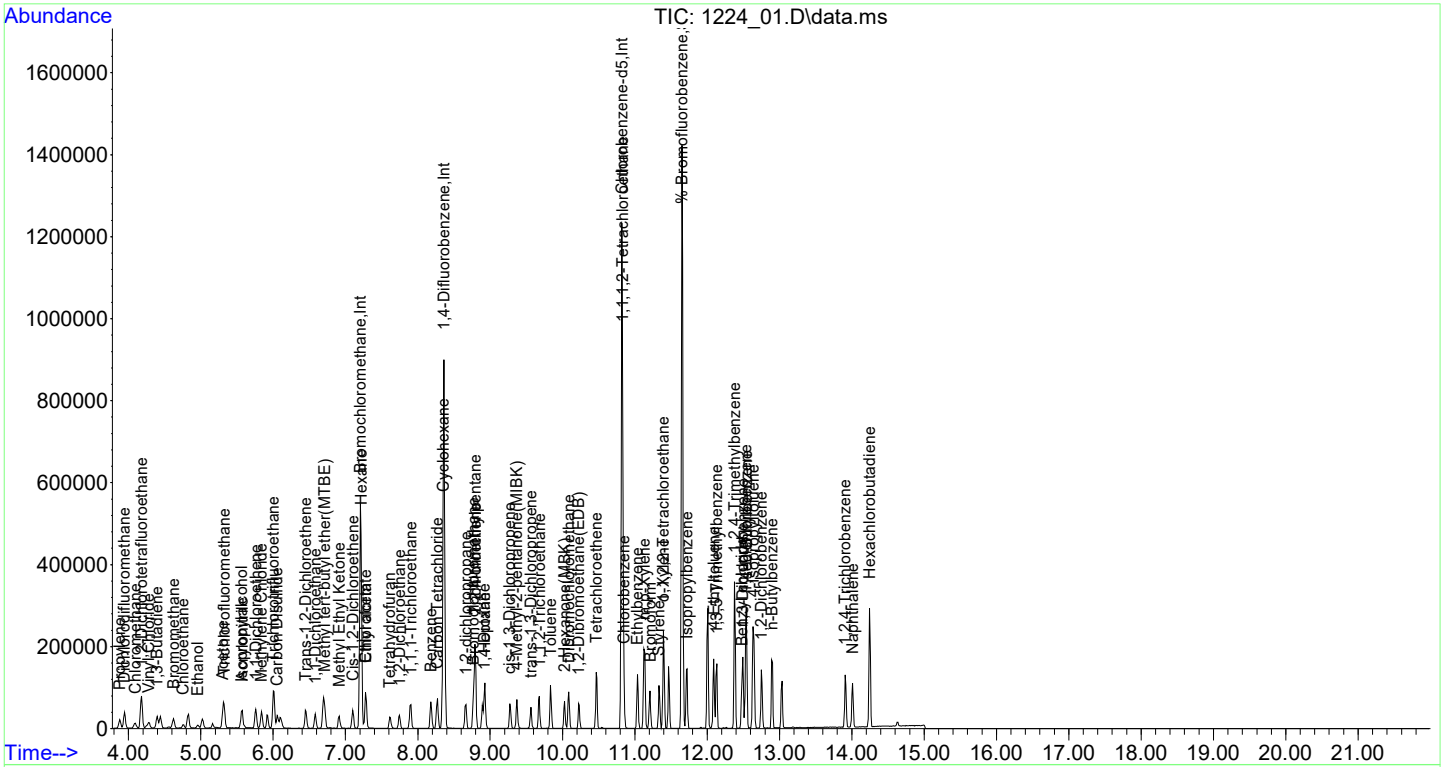
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	123801	0.973	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	104809	0.962	ppbv	97
116] 1,2-Dichlorobenzene(sim)	12.754	146	61492	1.079	ppbv	97
117] n-Butylbenzene(sim)	12.893	91	89451	0.936	ppbv	96
118] 1,2,4-Trichlorobenzene...	13.914	180	45640	0.868	ppbv	99
119] Hexachlorobutadiene(sim)	14.247	225	50756	1.050	ppbv	98

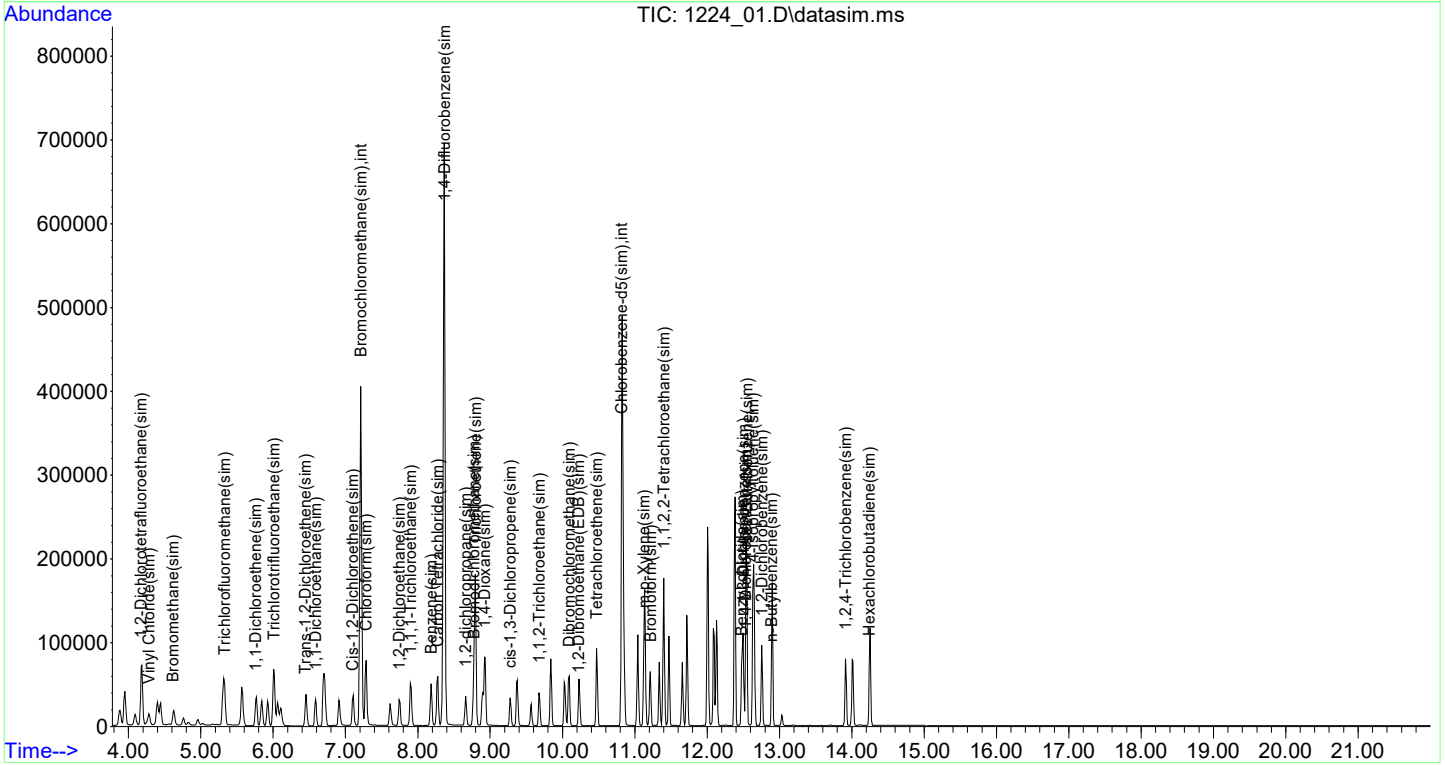
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

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





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

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)
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

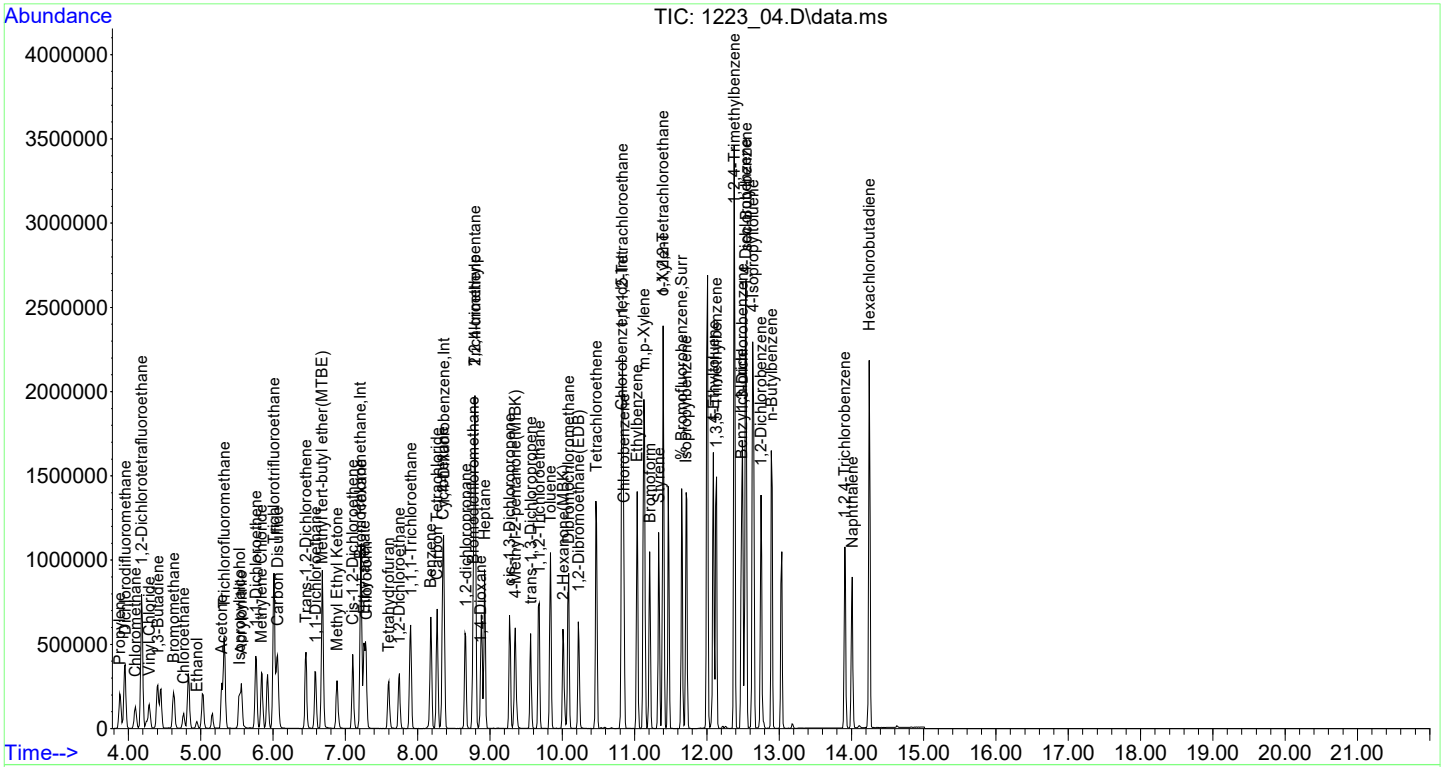
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
114] sec-Butylbenzene(sim)	12.549	105	1118136	8.483	ppbv	99
115] 4-Isopropyltoluene(sim)	12.636	119	990572	8.786	ppbv	96
116] 1,2-Dichlorobenzene(sim)	12.754	146	583912	9.896	ppbv	97
117] n-Butylbenzene(sim)	12.892	91	852625	8.613	ppbv	98
118] 1,2,4-Trichlorobenzene...	13.914	180	371180	3.688	ppbv	98

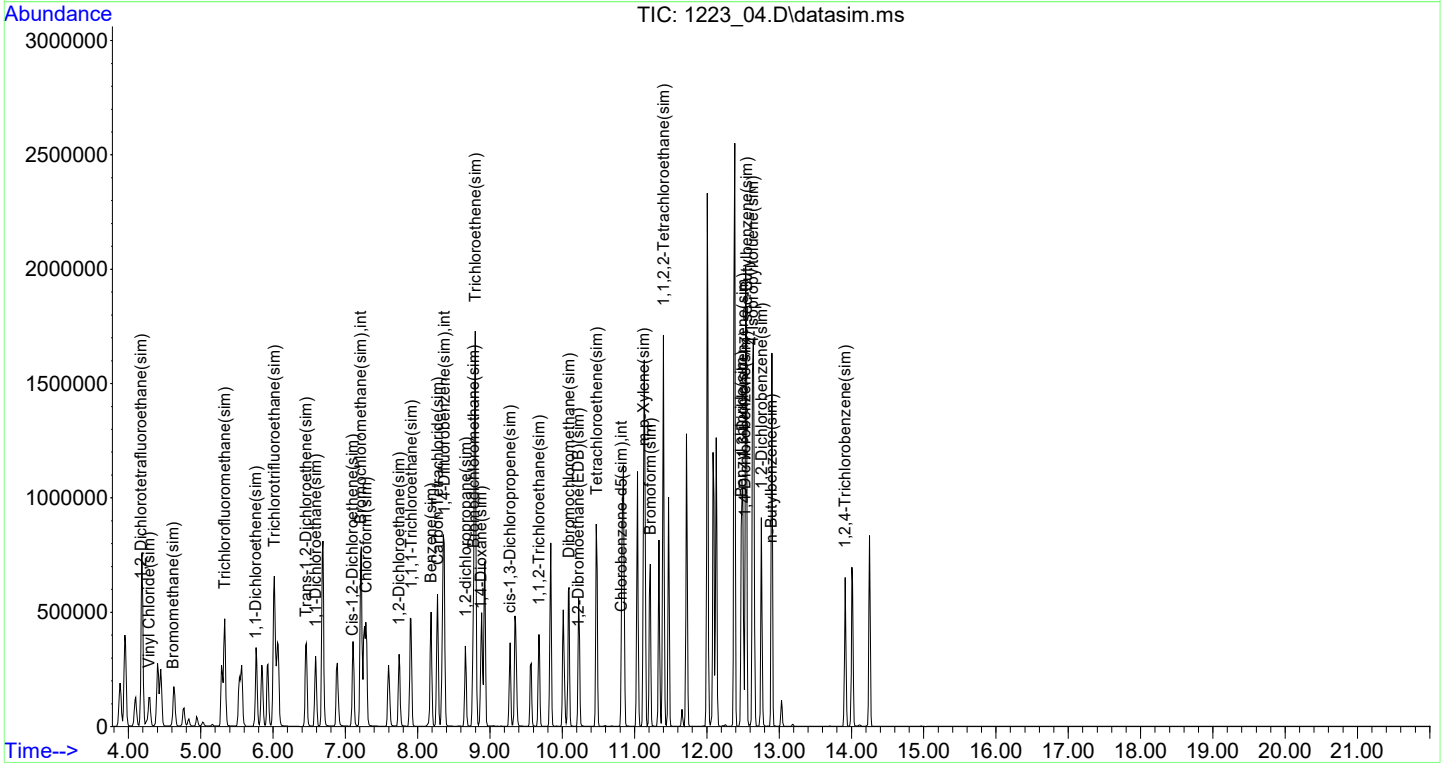
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

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





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
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

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

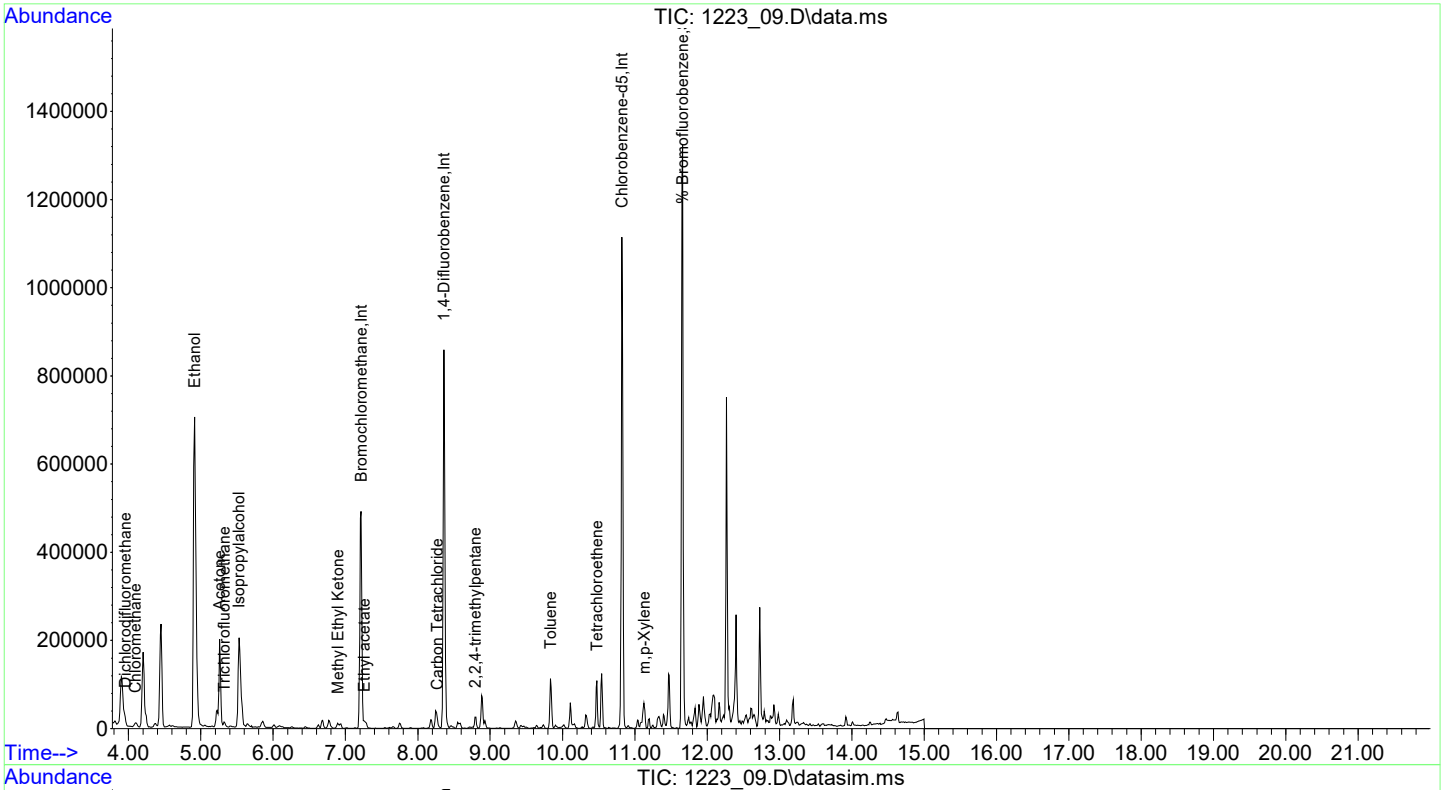
Quant Time: Dec 24 09:32:27 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

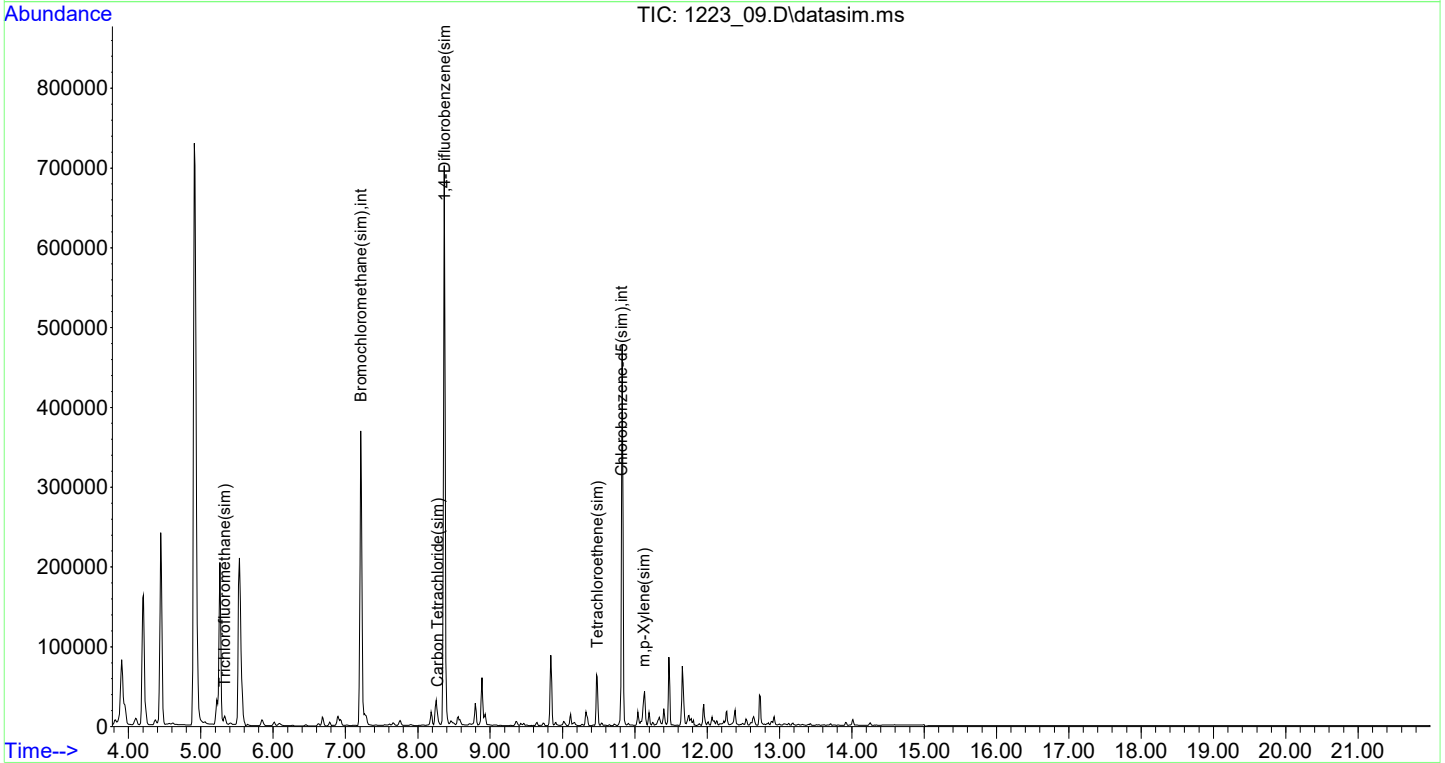
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.216	130	171820	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.360	114	604213	10.000	ng		0.00
53) Chlorobenzene-d5	10.821	82	290423	10.000	ng		0.00
80) Bromochloromethane(sim)	7.211	130	185823	10.000	ng	#	0.00
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

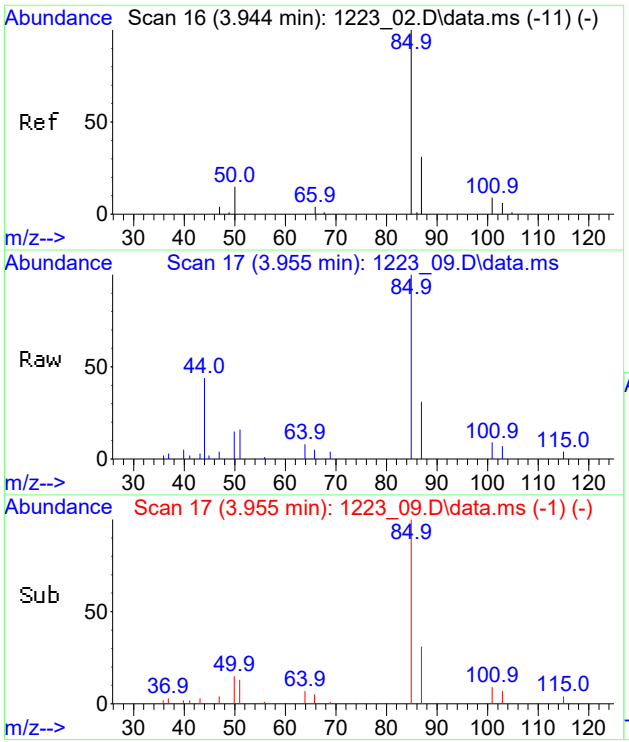
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

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



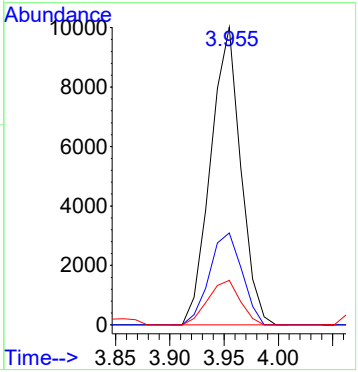


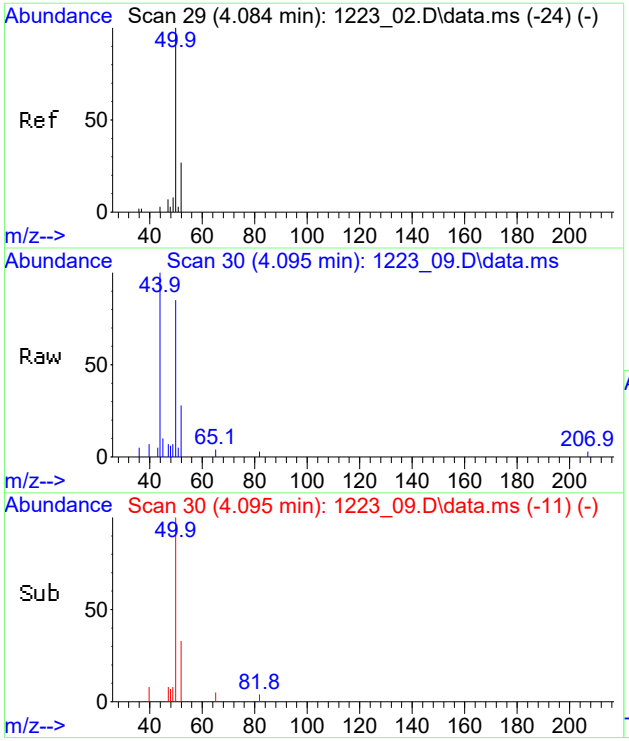


#3
Dichlorodifluoromethane
Conc: 8$ 0.424 ppbv
RT: 3.955 min Scan# 17
Delta R.T. 0.001 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

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

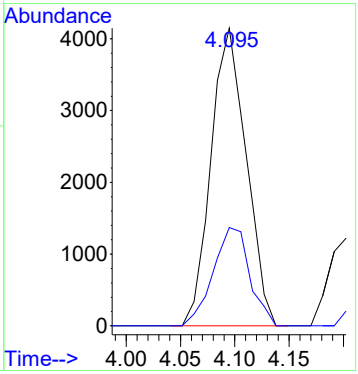


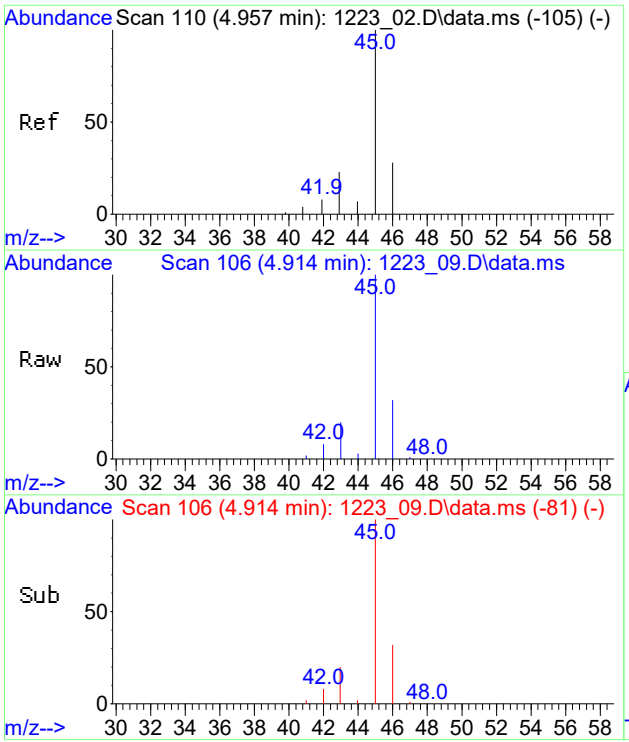


#4
Chloromethane
Conc: 8$ 0.552 ppbv
RT: 4.095 min Scan# 30
Delta R.T. -0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion: 50 Resp: 9357

Ion	Ratio	Lower	Upper
50	100		
52	34.3	15.4	55.4

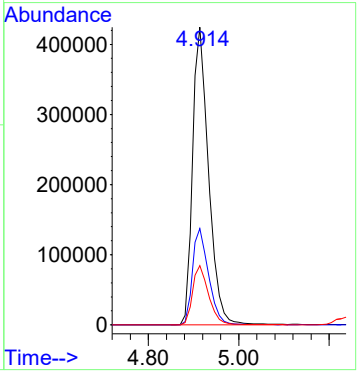


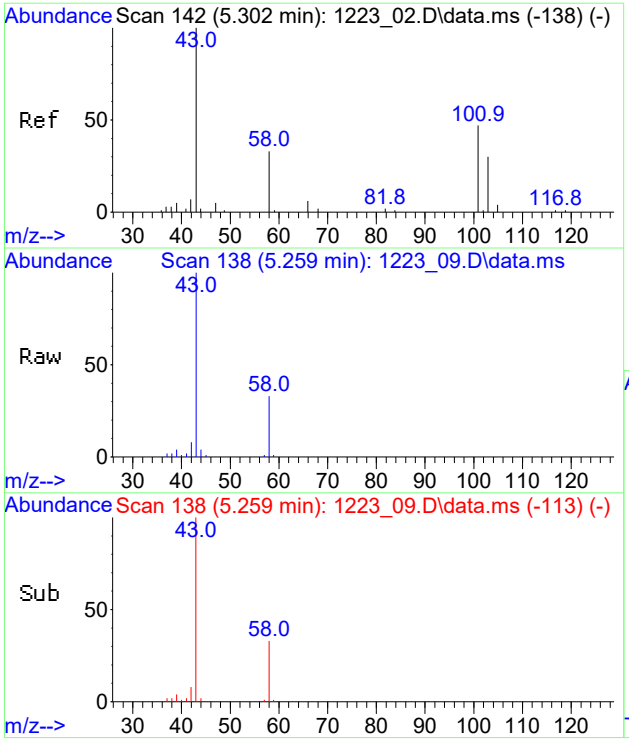


#11
Ethanol
Conc: 8$ 124.574 ppbv
RT: 4.914 min Scan# 106
Delta R.T. -0.032 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

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#

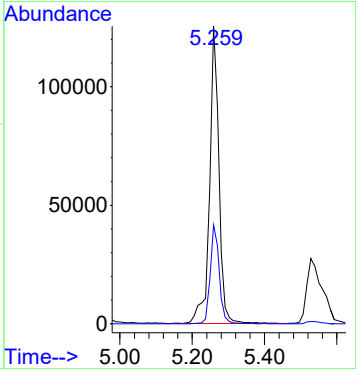


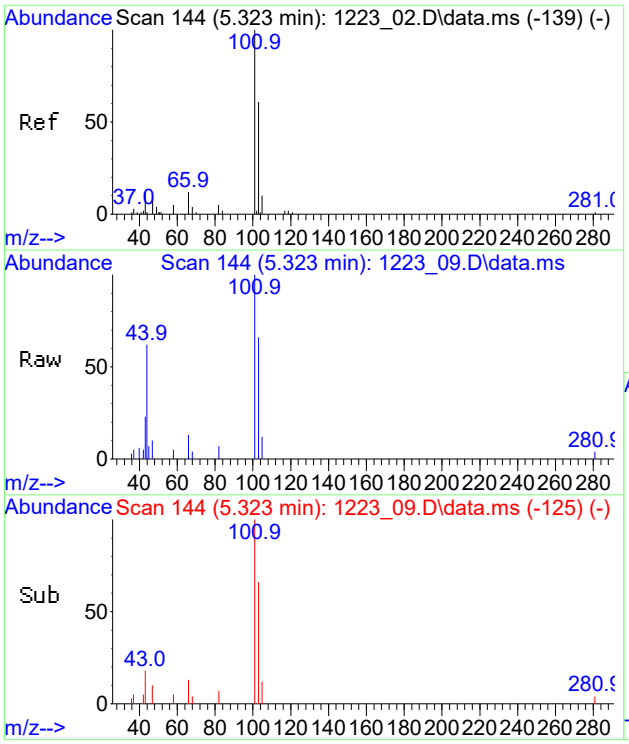


#12
Acetone
Conc: 8$ 7.561 ppbv
RT: 5.259 min Scan# 138
Delta R.T. -0.032 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

Tgt Ion: 43 Resp: 225753

Ion	Ratio	Lower	Upper
43	100		
58	32.0	19.5	29.3#

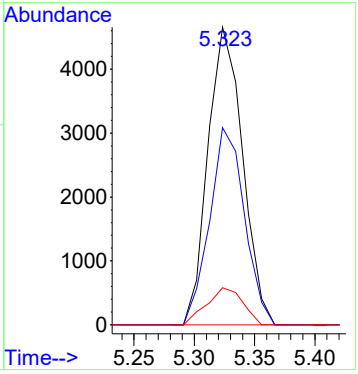


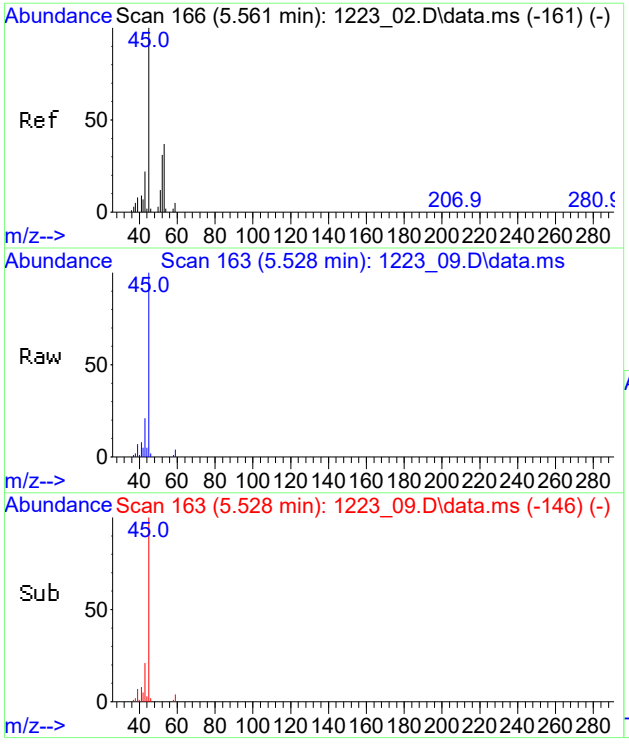


#13
Trichlorofluoromethane
Conc: 8$ 0.199 ppbv
RT: 5.323 min Scan# 144
Delta R.T. 0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

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

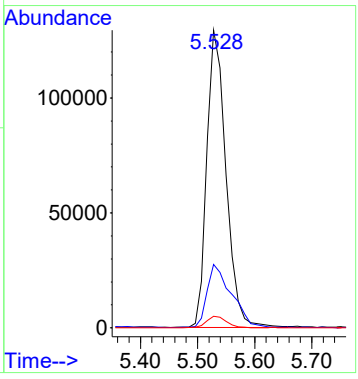


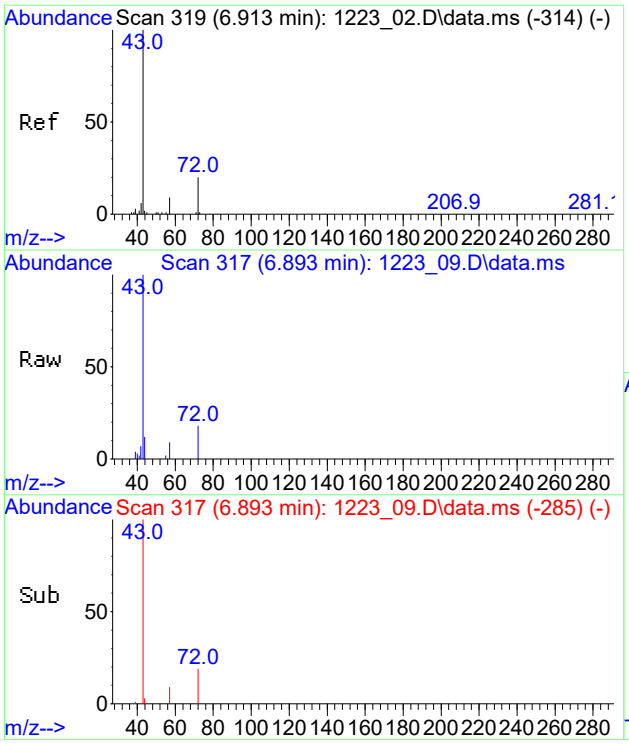


#14
Isopropylalcohol
Conc: 8$ 8.182 ppbv
RT: 5.528 min Scan# 163
Delta R.T. -0.022 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

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#

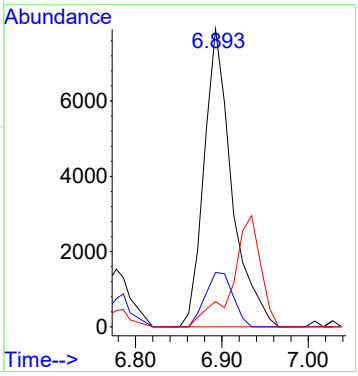


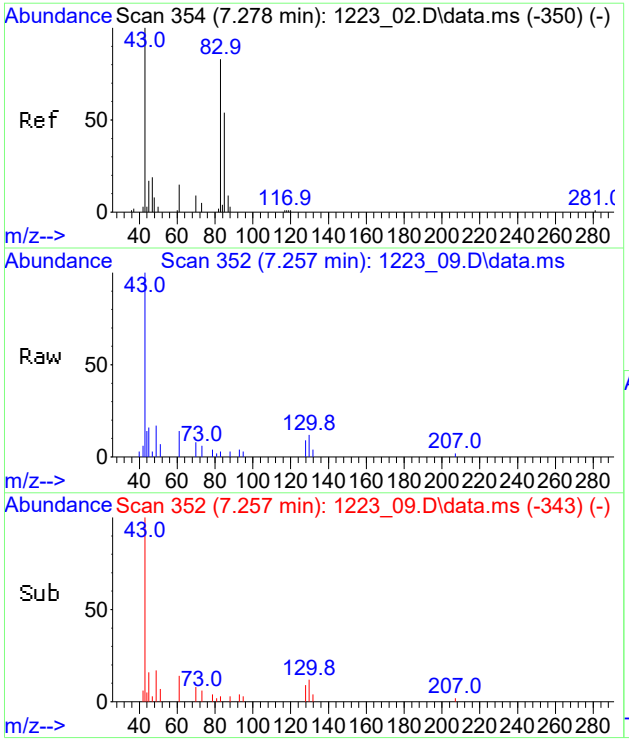


#25
Methyl Ethyl Ketone
Conc: 8$ 0.433 ppbv
RT: 6.893 min Scan# 317
Delta R.T. -0.010 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

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#

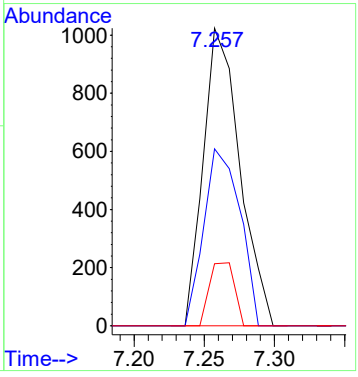


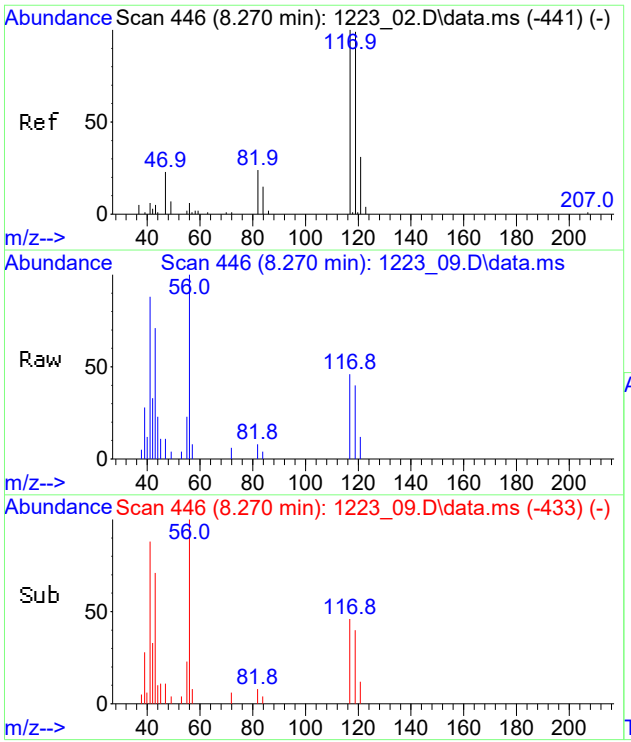


#29
Ethyl acetate
Conc: 8$ 0.297 ppbv
RT: 7.257 min Scan# 352
Delta R.T. -0.011 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

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#

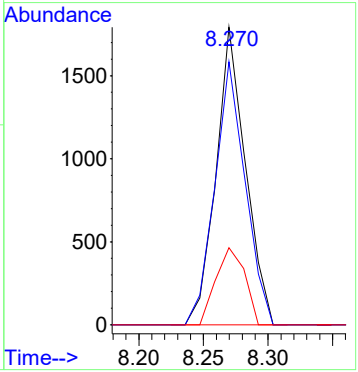


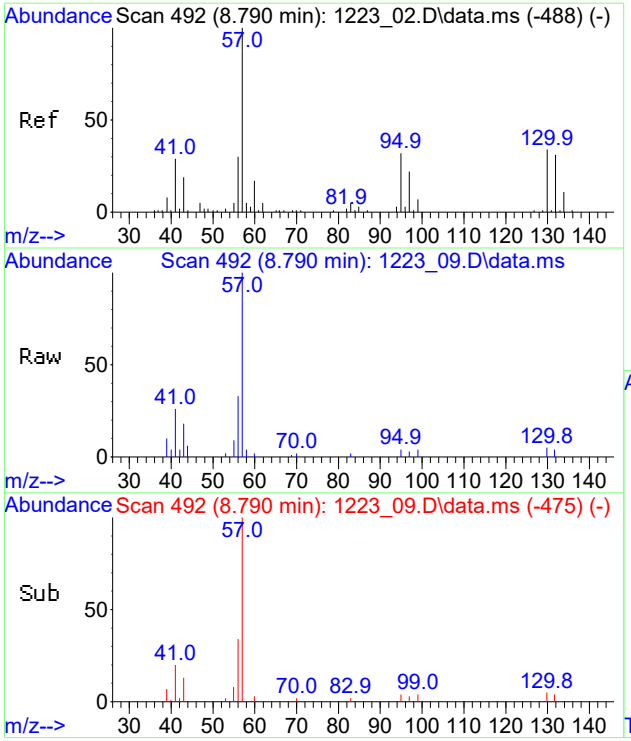


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.270 min Scan# 446
Delta R.T. -0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

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

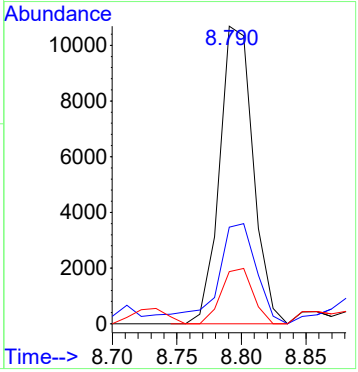


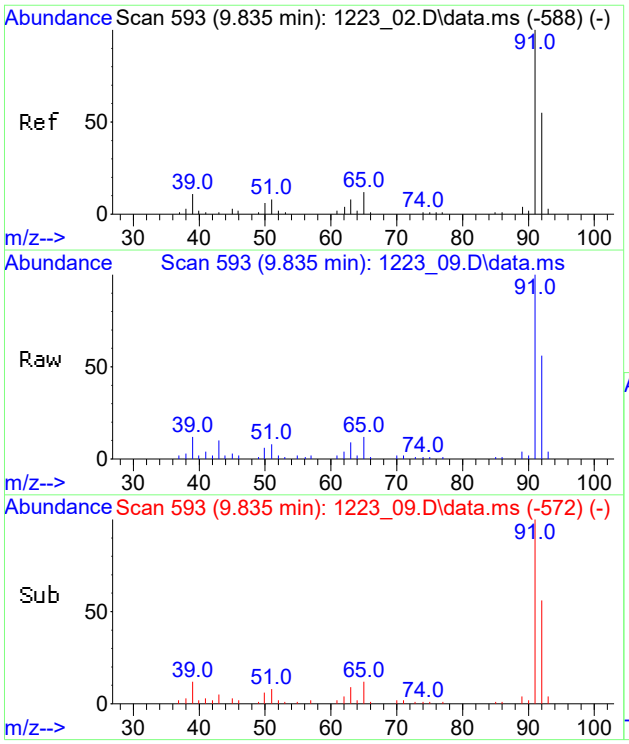


#40
2,2,4-trimethylpentane
Conc: 8$ 0.218 ppbv
RT: 8.790 min Scan# 492
Delta R.T. -0.012 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

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#

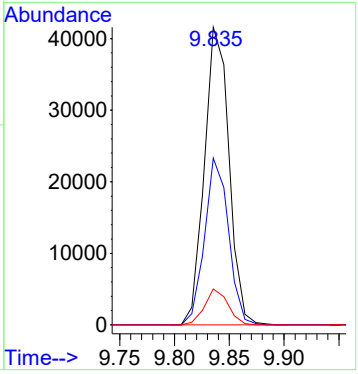


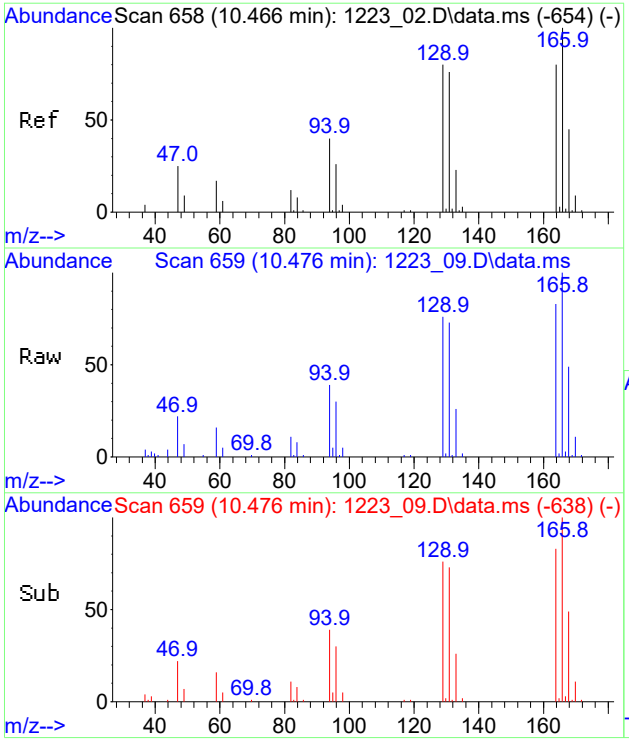


#48
Toluene
Conc: 8$ 0.991 ppbv
RT: 9.835 min Scan# 593
Delta R.T. 0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

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

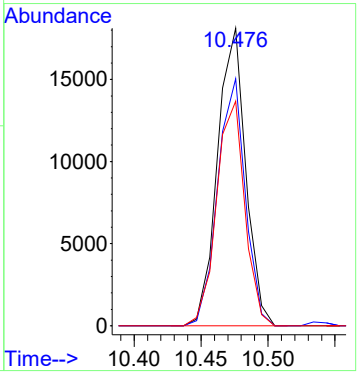


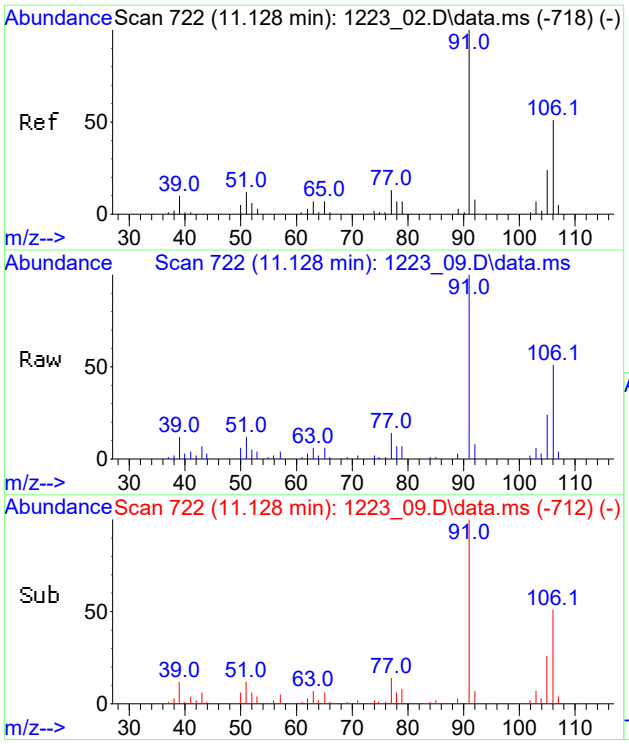


#52
Tetrachloroethene
Conc: 8$ 0.771 ppbv
RT: 10.476 min Scan# 659
Delta R.T. -0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

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

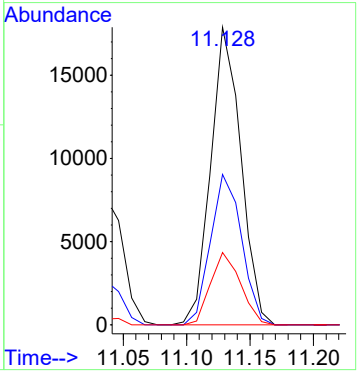


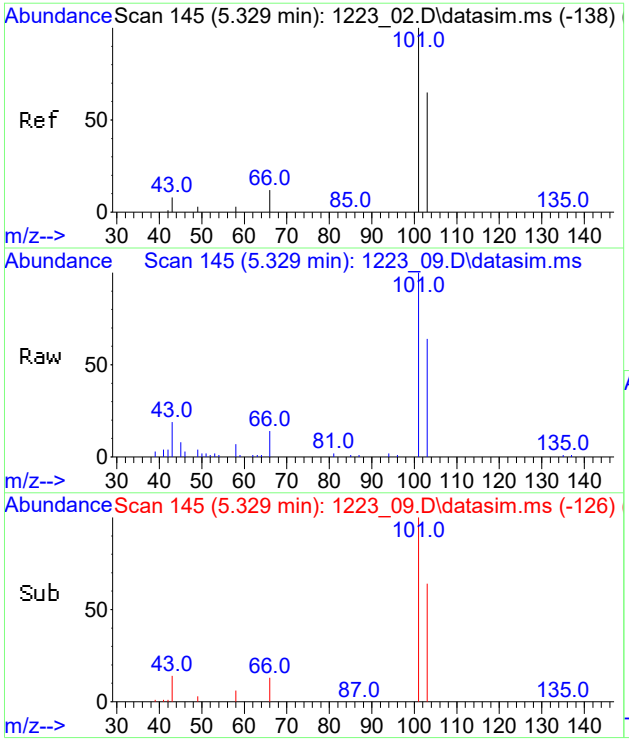


#57
m,p-Xylene
Conc: 8$ 0.529 ppbv
RT: 11.128 min Scan# 722
Delta R.T. 0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

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

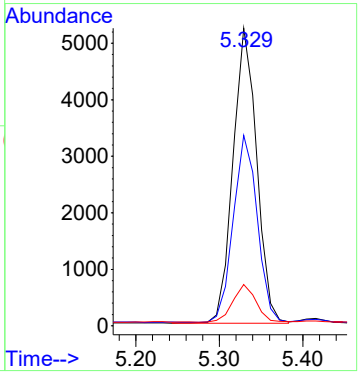


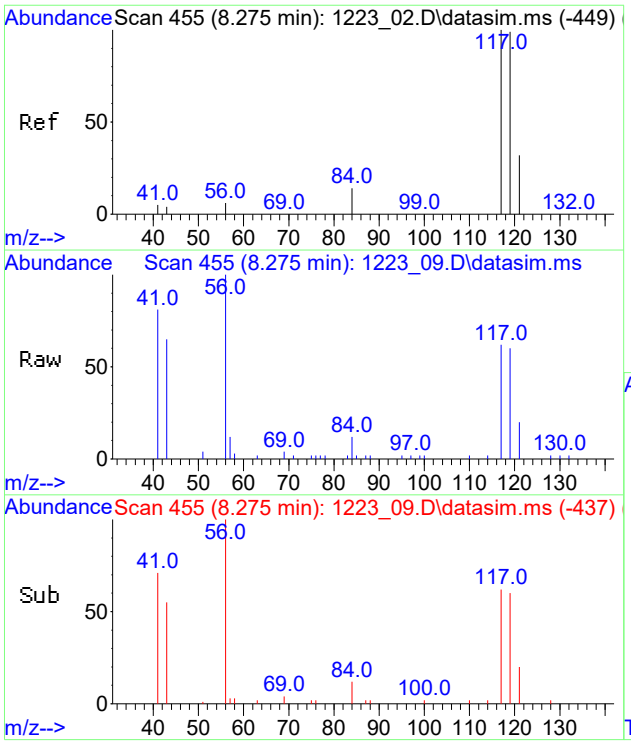


#84
Trichlorofluoromethane(sim)
Conc: 8$ 0.204 ppbv
RT: 5.329 min Scan# 145
Delta R.T. 0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

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#

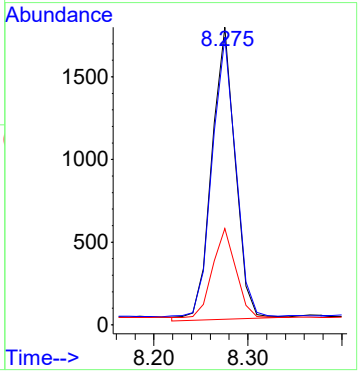


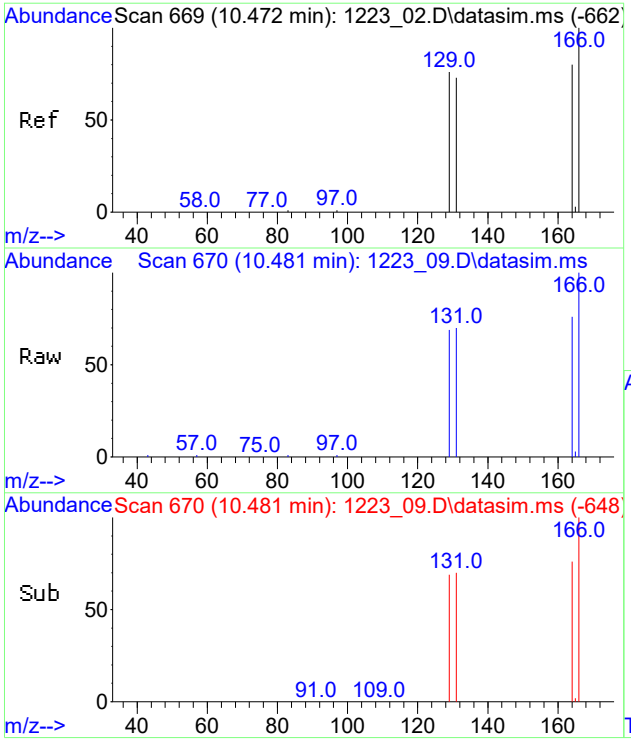


#88
Carbon Tetrachloride(sim)
Conc: 8$ 0.069 ppbv
RT: 8.275 min Scan# 455
Delta R.T. 0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

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

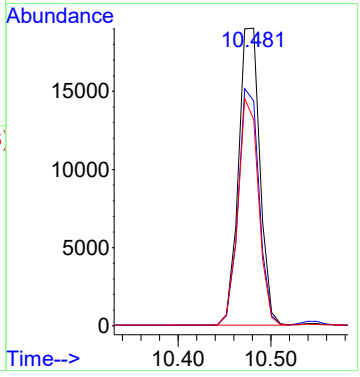


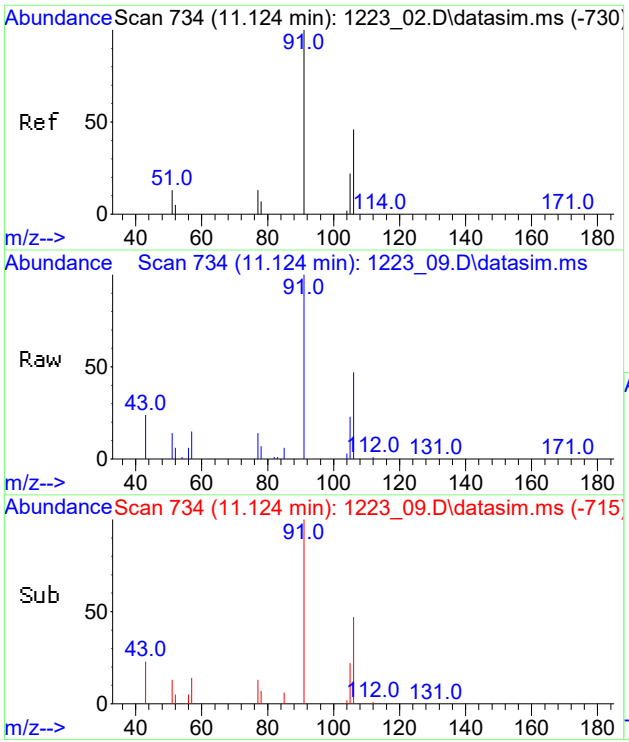


#104
Tetrachloroethene(sim)
Conc: 8$ 0.784 ppbv
RT: 10.481 min Scan# 670
Delta R.T. 0.009 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

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

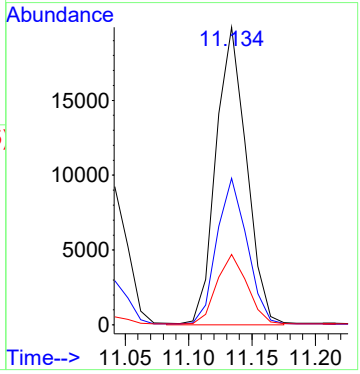




#107
m,p-Xylene(sim)
Conc: 8$ 0.448 ppbv
RT: 11.128 min Scan# 734
Delta R.T. 0.000 min
Lab File: 1223_09.D
Acq: 23 Dec 2024 8:48 pm

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



AIR ANALYSIS DATA SHEET

CLIENT ID: 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

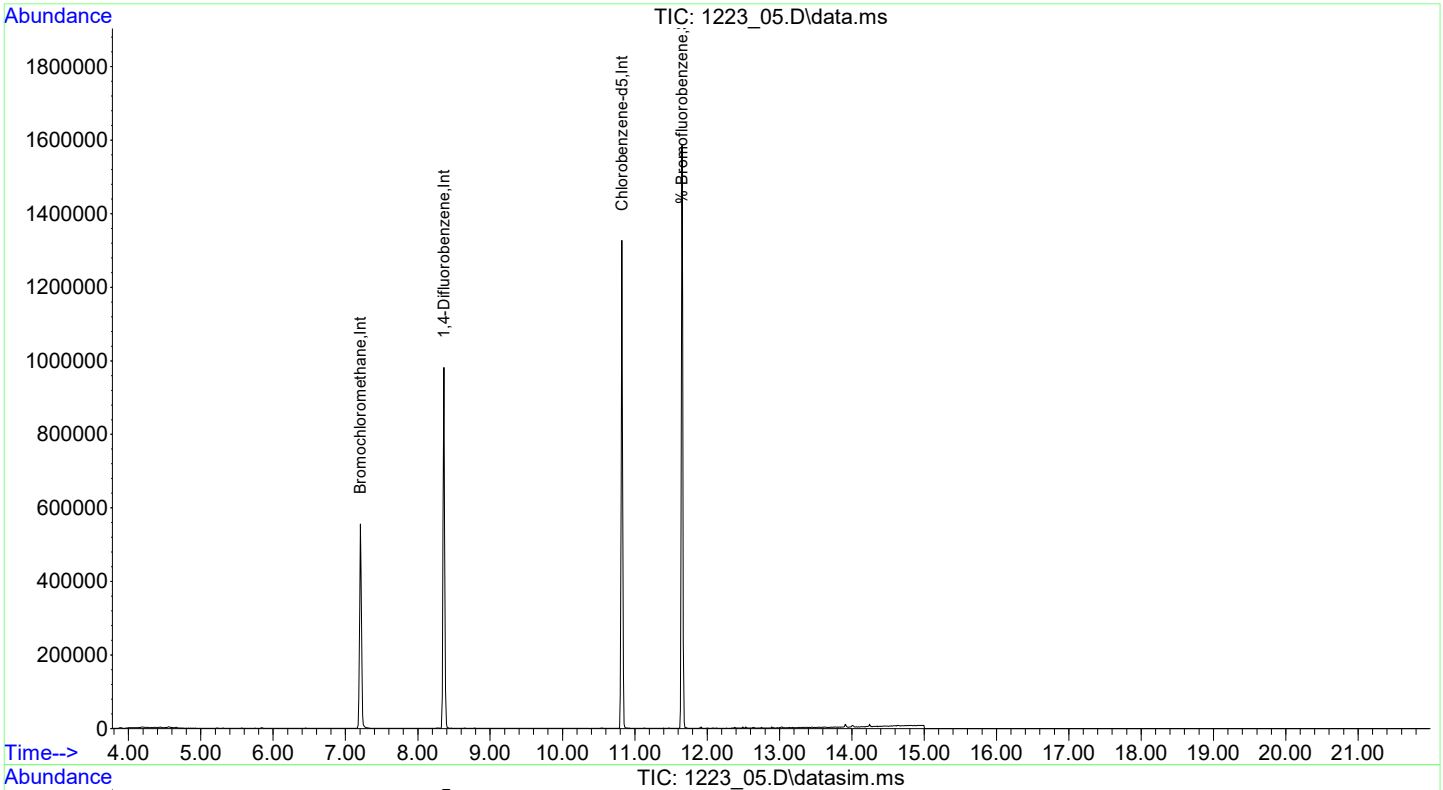
Quant Time: Dec 23 14:52:48 2024
Quant Method : H:\AIR2024\CHEM20\Methods\20_AIR_1213.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Sun Dec 15 10:19:25 2024
Response via : Initial Calibration

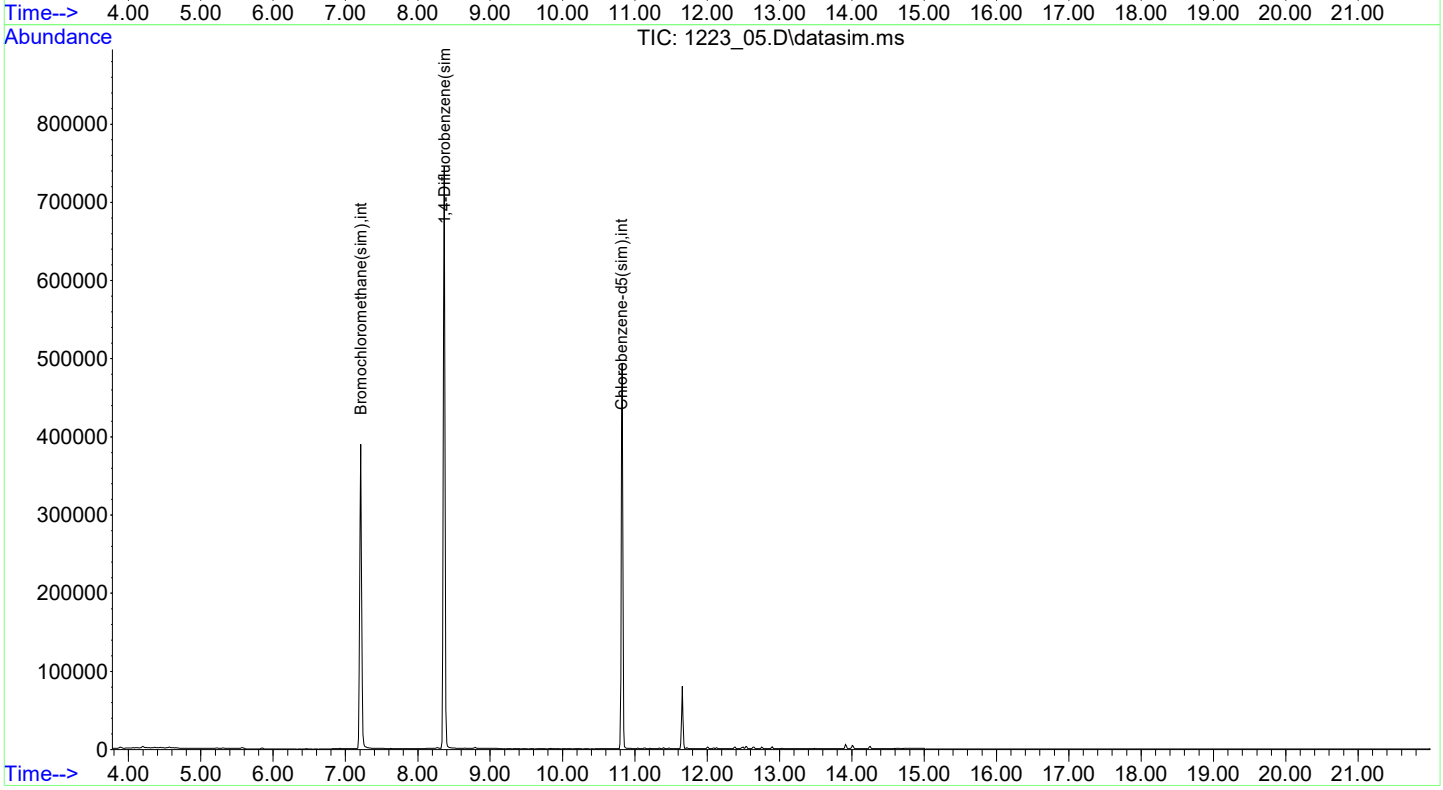
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.205	130	191788	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.360	114	680072	10.000	ng		0.00
53) Chlorobenzene-d5	10.821	82	325611	10.000	ng		0.00
80) Bromochloromethane(sim)	7.211	130	206498	10.000	ng	#	0.00
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





1

AIR ANALYSIS DATA SHEET

CLIENT ID: 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

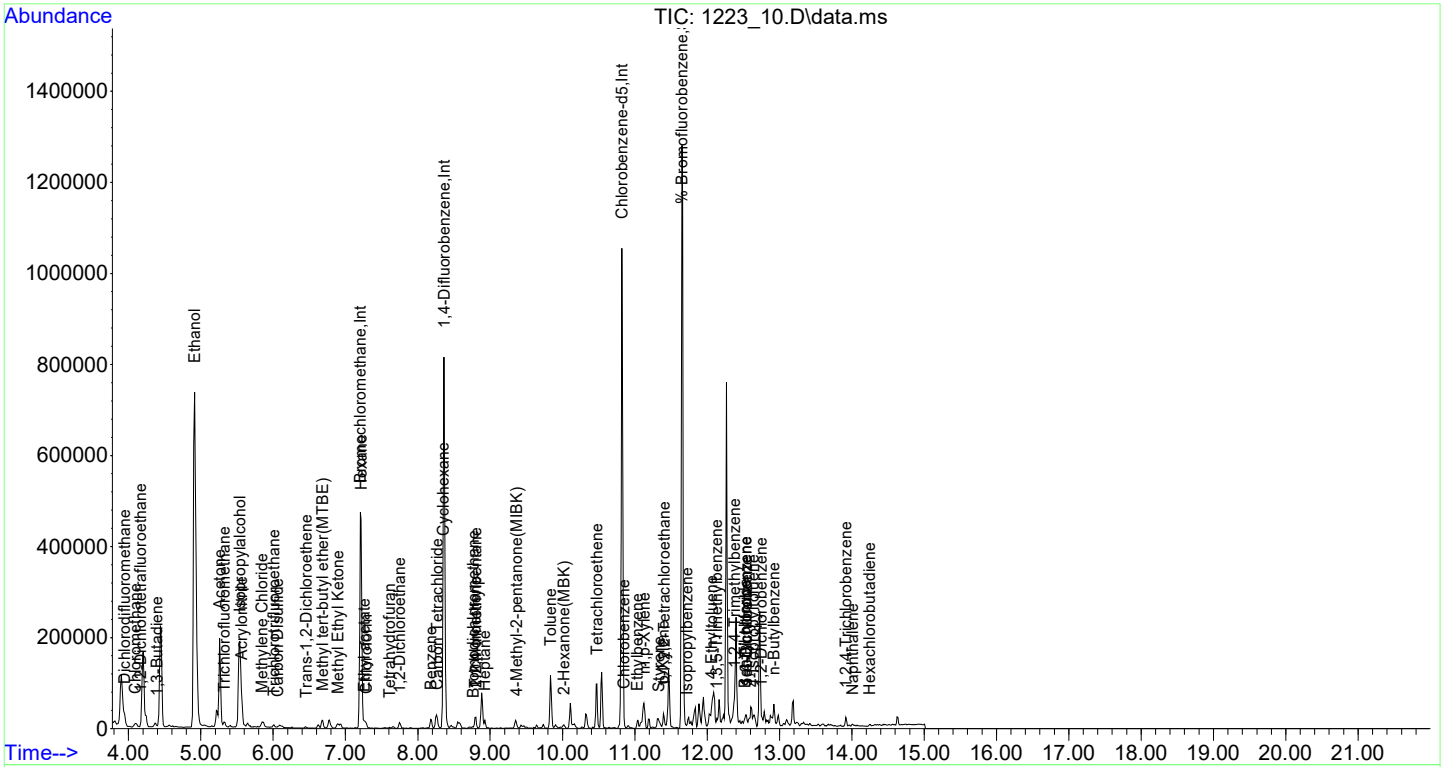
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.205	130	165679	10.000	ng		0.00
36) 1,4-Difluorobenzene	8.360	114	572542	10.000	ng		0.00
53) Chlorobenzene-d5	10.821	82	260140	10.000	ng		0.00
80) Bromochloromethane(sim)	7.211	130	179106	10.000	ng	#	0.00
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

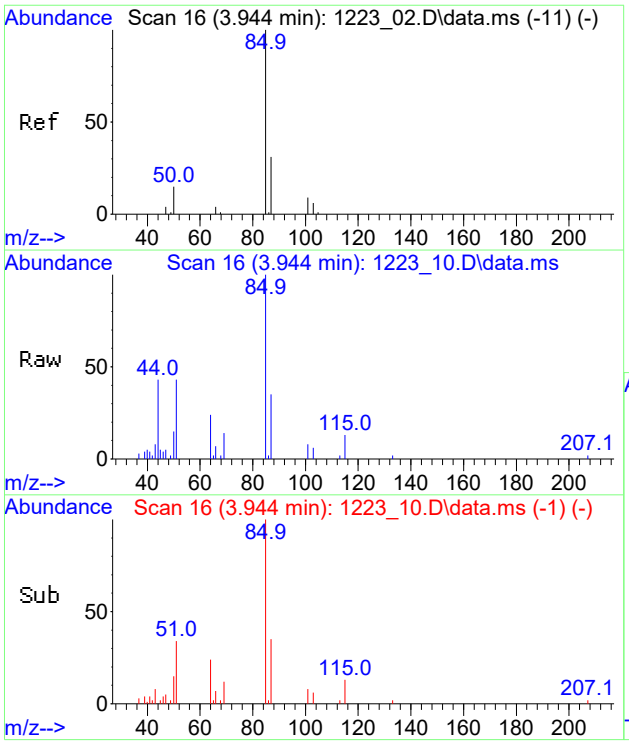
(#)out of range (m)manual integration reviewed by analyst (+)signals summed

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

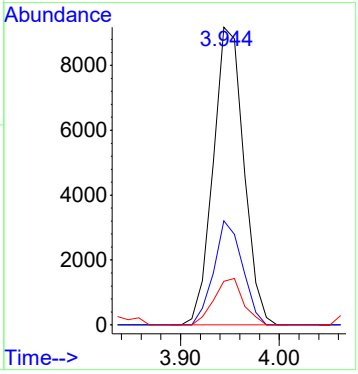


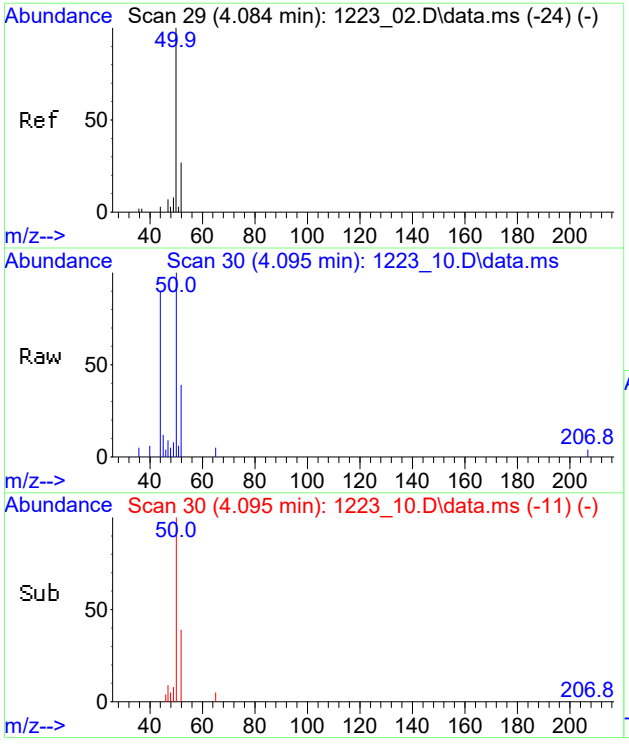


#3
Dichlorodifluoromethane
Conc: 8$ 0.451 ppbv
RT: 3.944 min Scan# 16
Delta R.T. -0.010 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

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

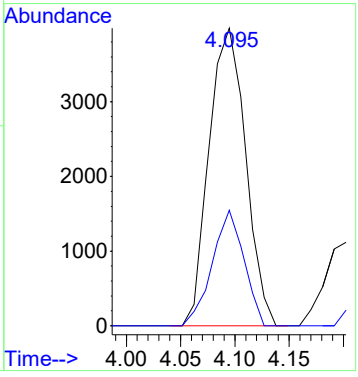


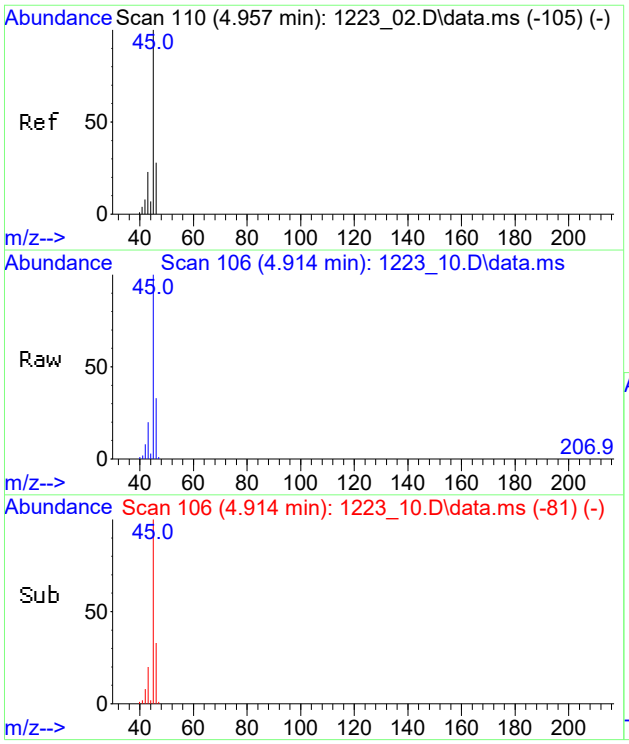


#4
Chloromethane
Conc: 8$ 0.571 ppbv
RT: 4.095 min Scan# 30
Delta R.T. -0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion: 50 Resp: 9346

Ion	Ratio	Lower	Upper
50	100		
52	33.5	15.4	55.4

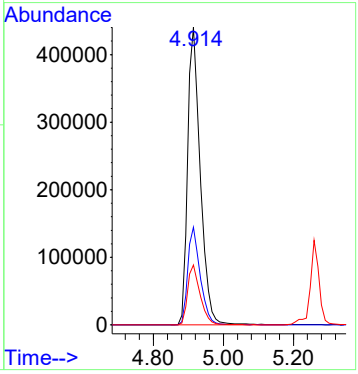


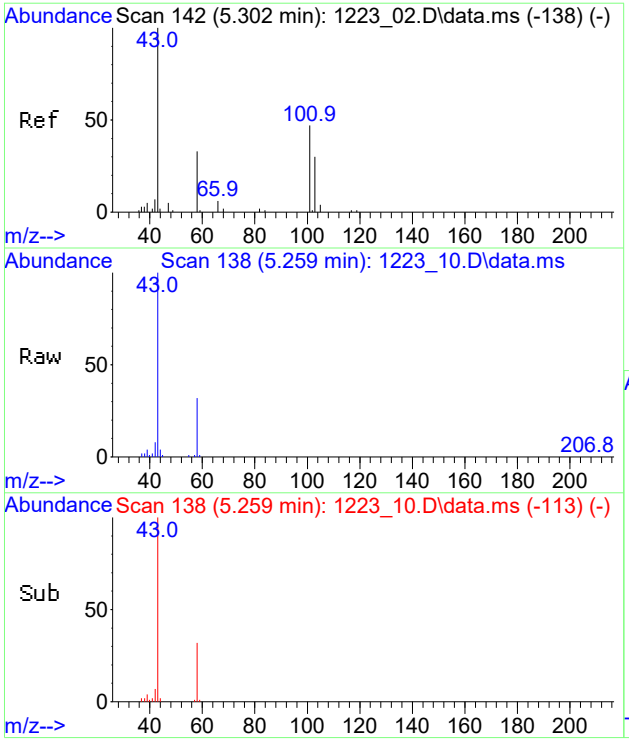


#11
Ethanol
Conc: 8$ 137.319 ppbv
RT: 4.914 min Scan# 106
Delta R.T. -0.032 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

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#

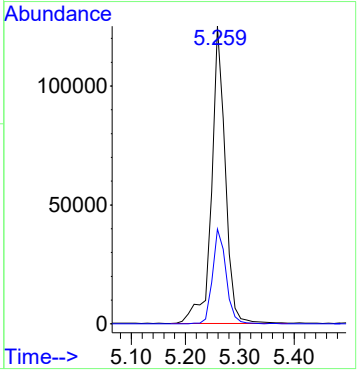


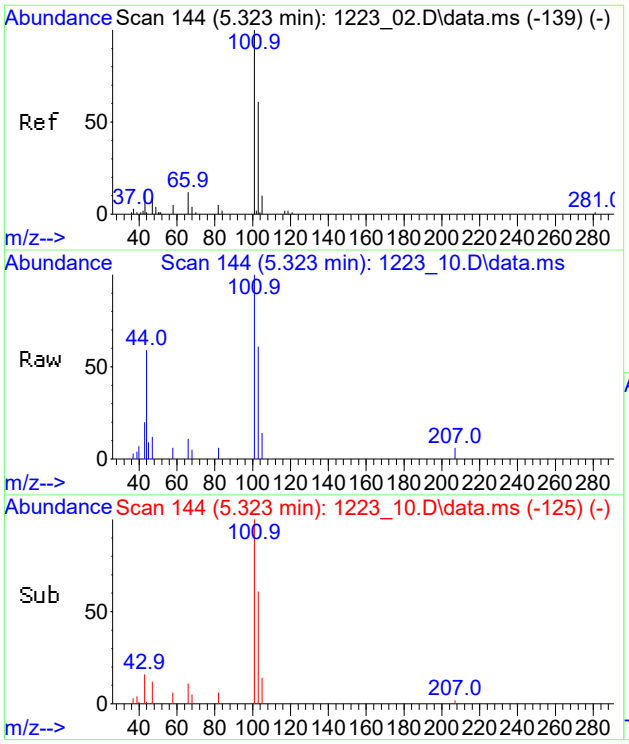


#12
Acetone
Conc: 8$ 7.623 ppbv
RT: 5.259 min Scan# 138
Delta R.T. -0.032 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

Tgt Ion: 43 Resp: 219484

Ion	Ratio	Lower	Upper
43	100		
58	31.3	19.5	29.3#

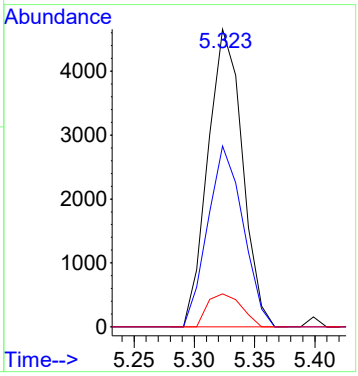


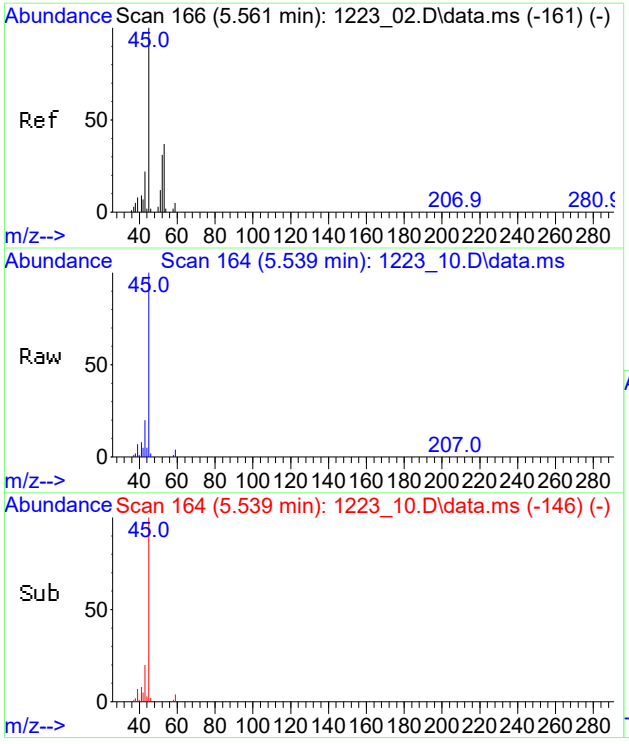


#13
Trichlorofluoromethane
Conc: 8$ 0.206 ppbv
RT: 5.323 min Scan# 144
Delta R.T. 0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

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

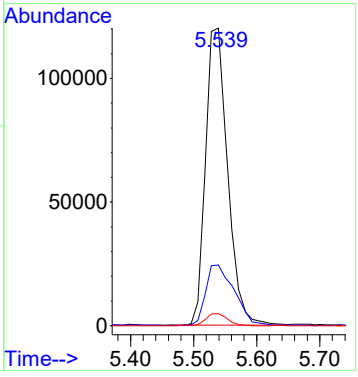


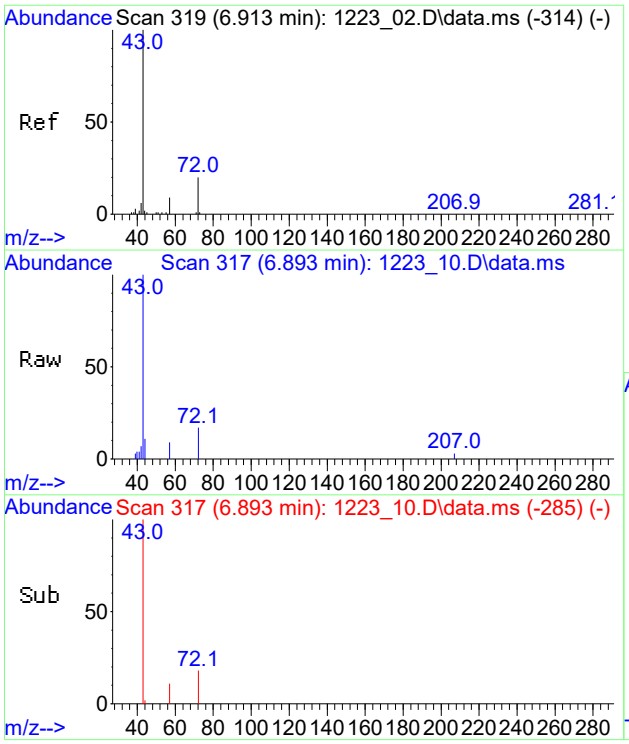


#14
Isopropylalcohol
Conc: 8$ 8.364 ppbv
RT: 5.539 min Scan# 164
Delta R.T. -0.011 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

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

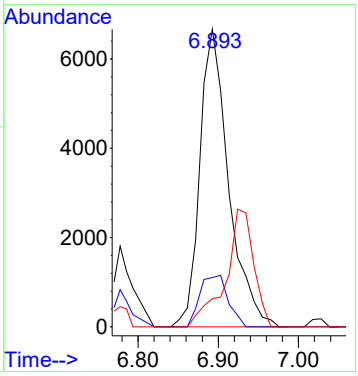


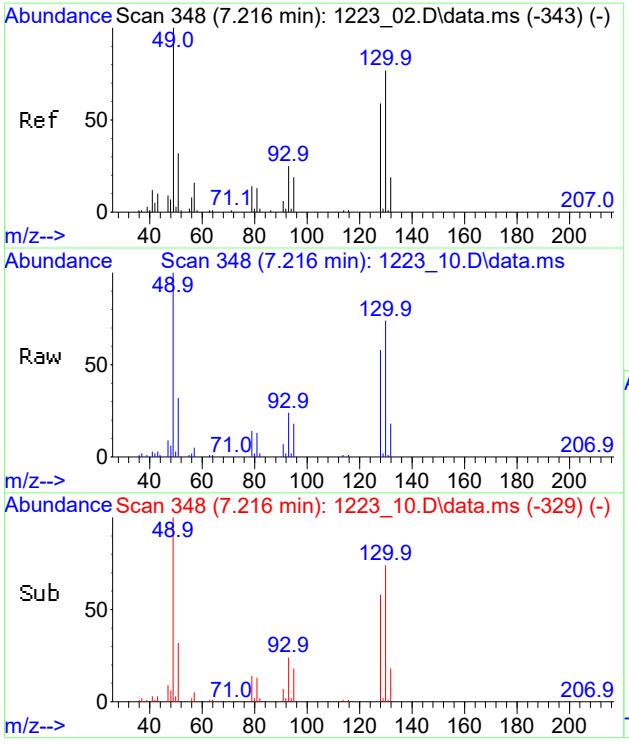


#25
Methyl Ethyl Ketone
Conc: 8$ 0.423 ppbv
RT: 6.893 min Scan# 317
Delta R.T. -0.010 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

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#

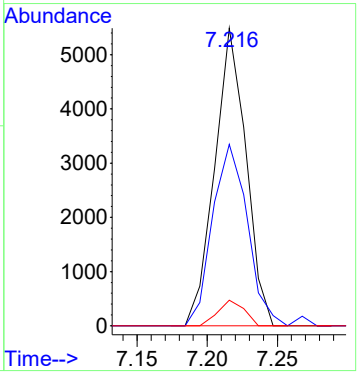


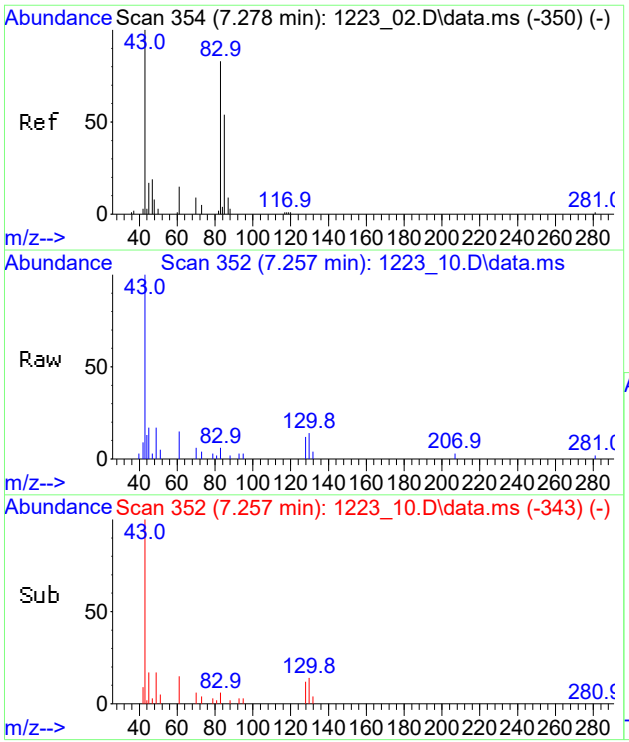


#27
Hexane
Conc: 8$ 0.298 ppbv
RT: 7.216 min Scan# 348
Delta R.T. 0.001 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

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#

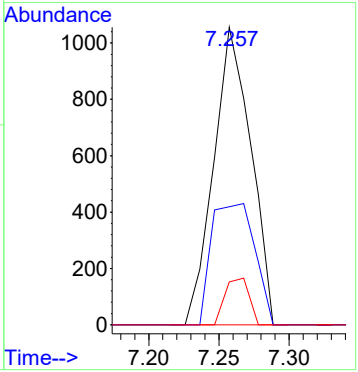


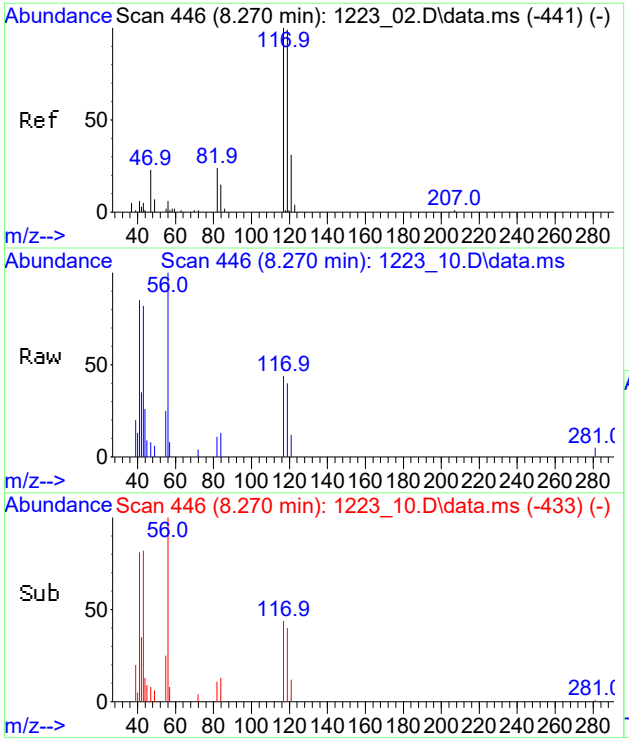


#29
Ethyl acetate
Conc: 8$ 0.323 ppbv
RT: 7.257 min Scan# 352
Delta R.T. -0.011 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

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#

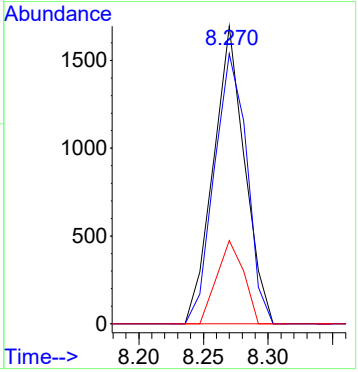


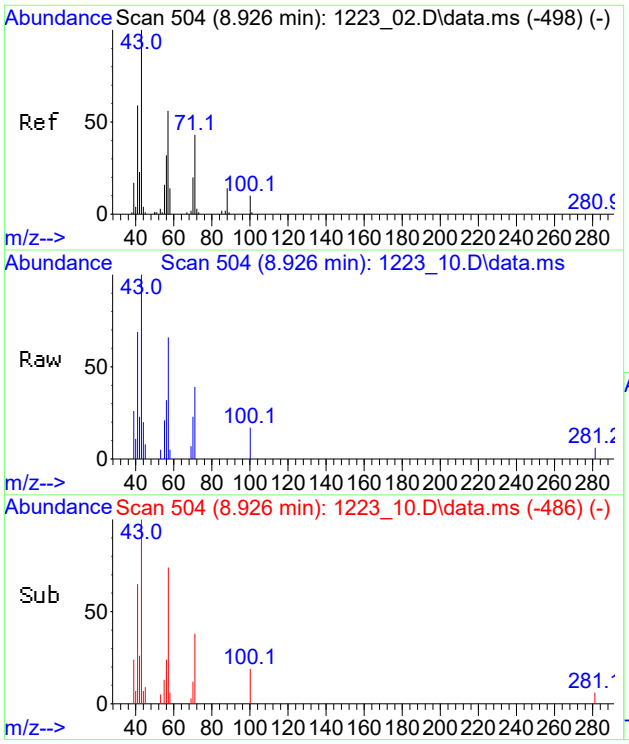


#34
Carbon Tetrachloride
Conc: 8$ Below Cal
RT: 8.270 min Scan# 446
Delta R.T. -0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

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

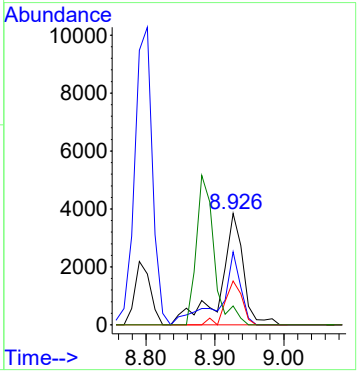


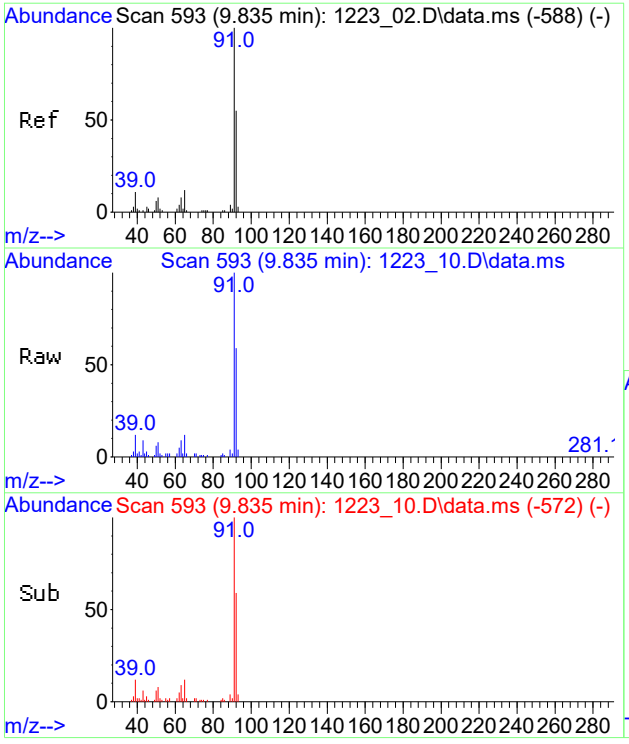


#43
Heptane
Conc: 8$ 0.244 ppbv
RT: 8.926 min Scan# 504
Delta R.T. 0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

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#

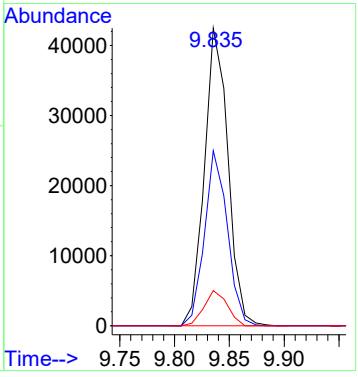


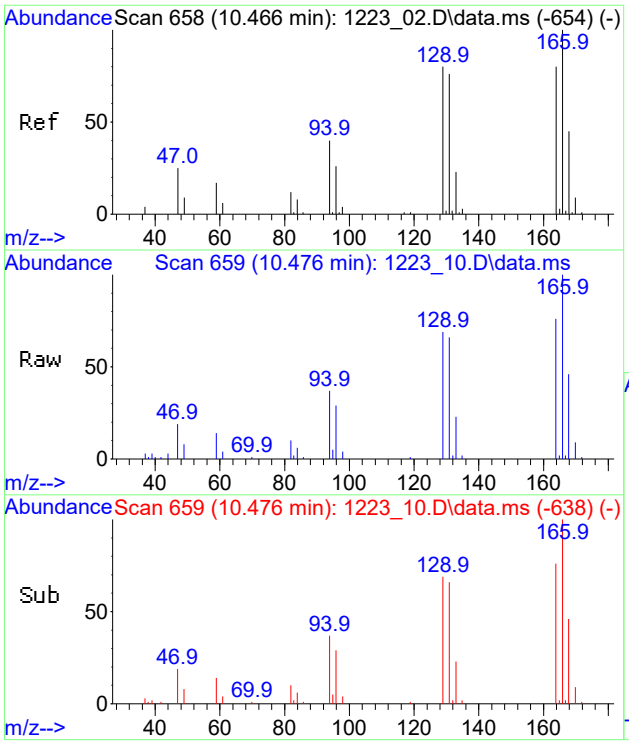


#48
Toluene
Conc: 8$ 1.023 ppbv
RT: 9.835 min Scan# 593
Delta R.T. 0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

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

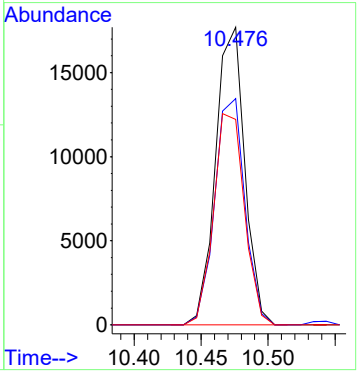


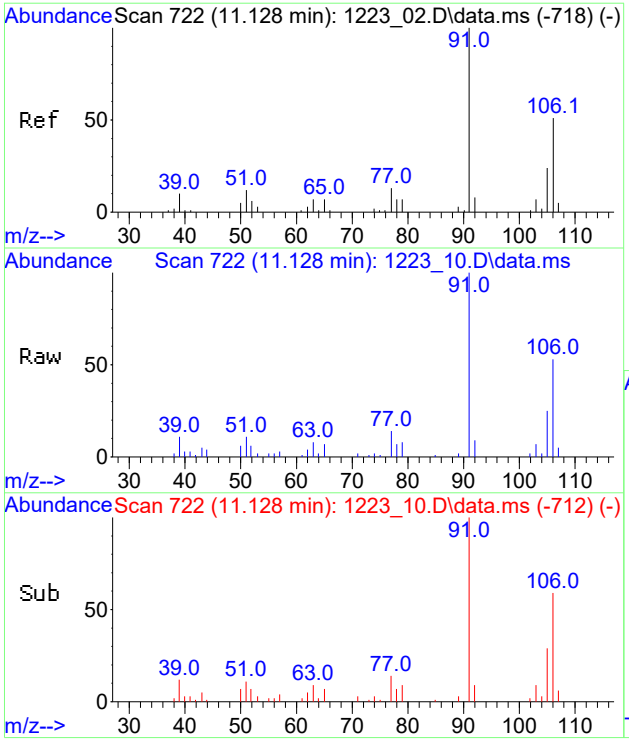


#52
Tetrachloroethene
Conc: 8$ 0.824 ppbv
RT: 10.476 min Scan# 659
Delta R.T. -0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

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

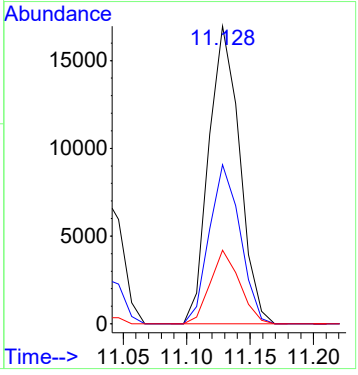


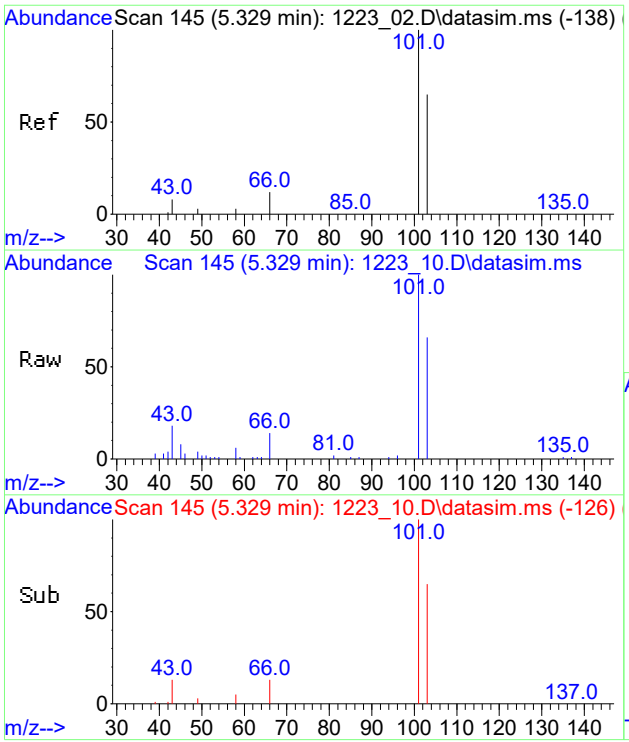


#57
m,p-Xylene
Conc: 8$ 0.571 ppbv
RT: 11.128 min Scan# 722
Delta R.T. 0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

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

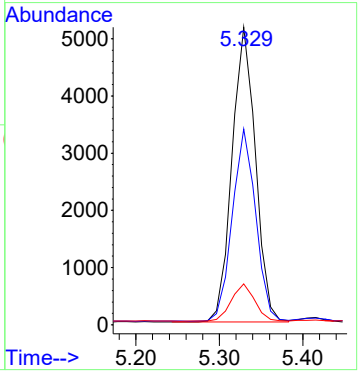


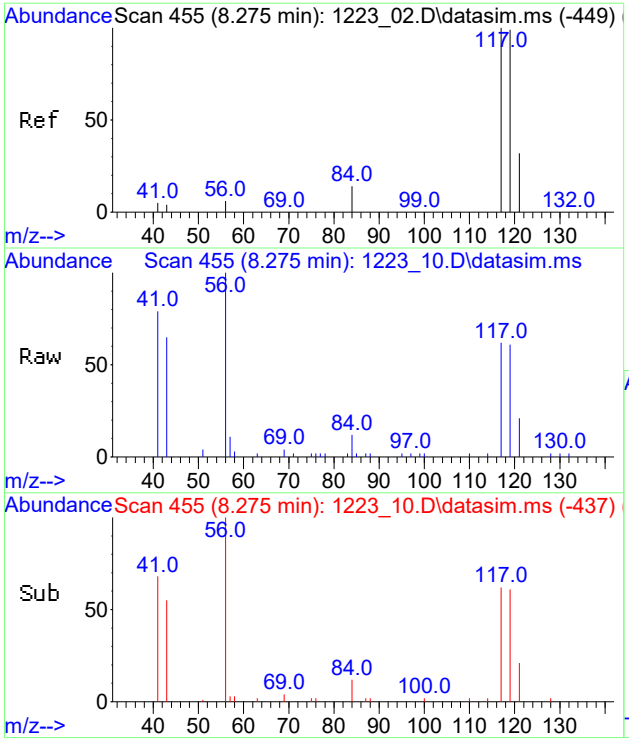


#84
Trichlorofluoromethane(sim)
Conc: 8$ 0.207 ppbv
RT: 5.329 min Scan# 145
Delta R.T. -0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

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#

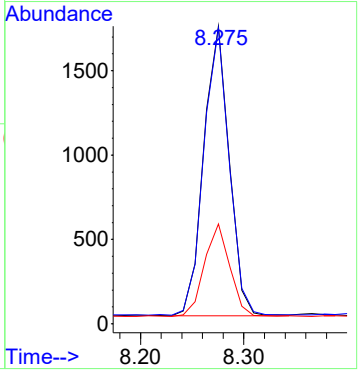


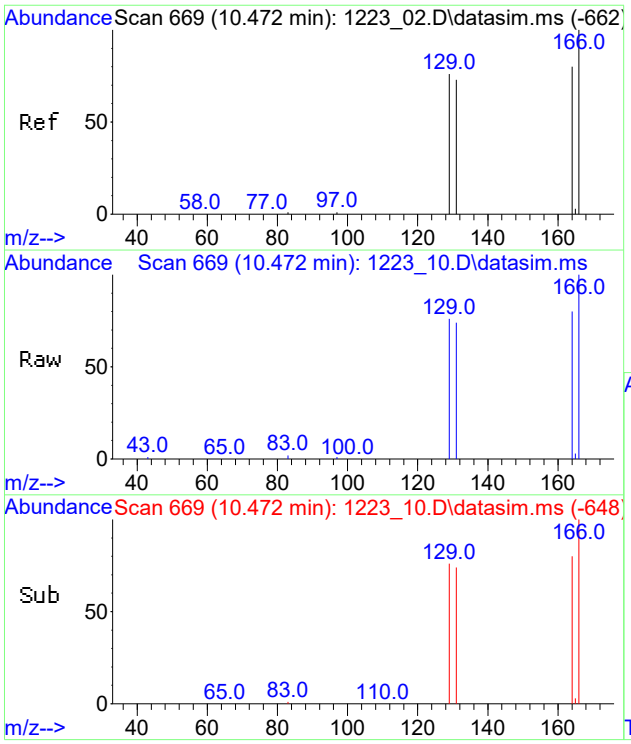


#88
Carbon Tetrachloride(sim)
Conc: 8$ 0.068 ppbv
RT: 8.275 min Scan# 455
Delta R.T. 0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

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

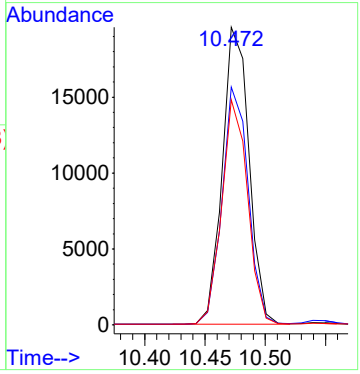


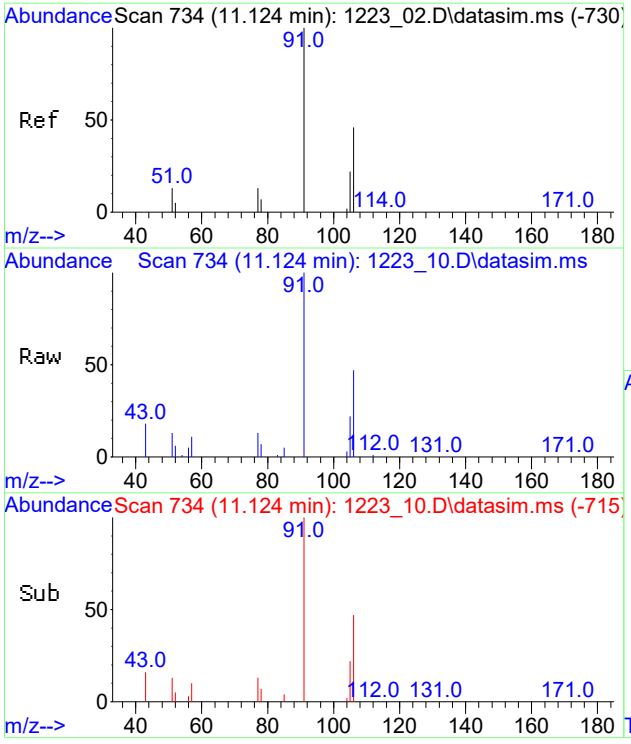


#104
Tetrachloroethene(sim)
Conc: 8$ 0.815 ppbv
RT: 10.472 min Scan# 669
Delta R.T. -0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

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

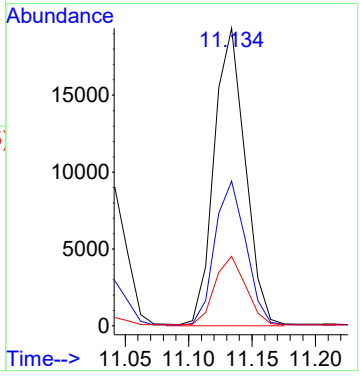




#107
m,p-Xylene(sim)
Conc: 8$ 0.483 ppbv
RT: 11.128 min Scan# 734
Delta R.T. 0.000 min
Lab File: 1223_10.D
Acq: 23 Dec 2024 9:24 pm

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



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

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

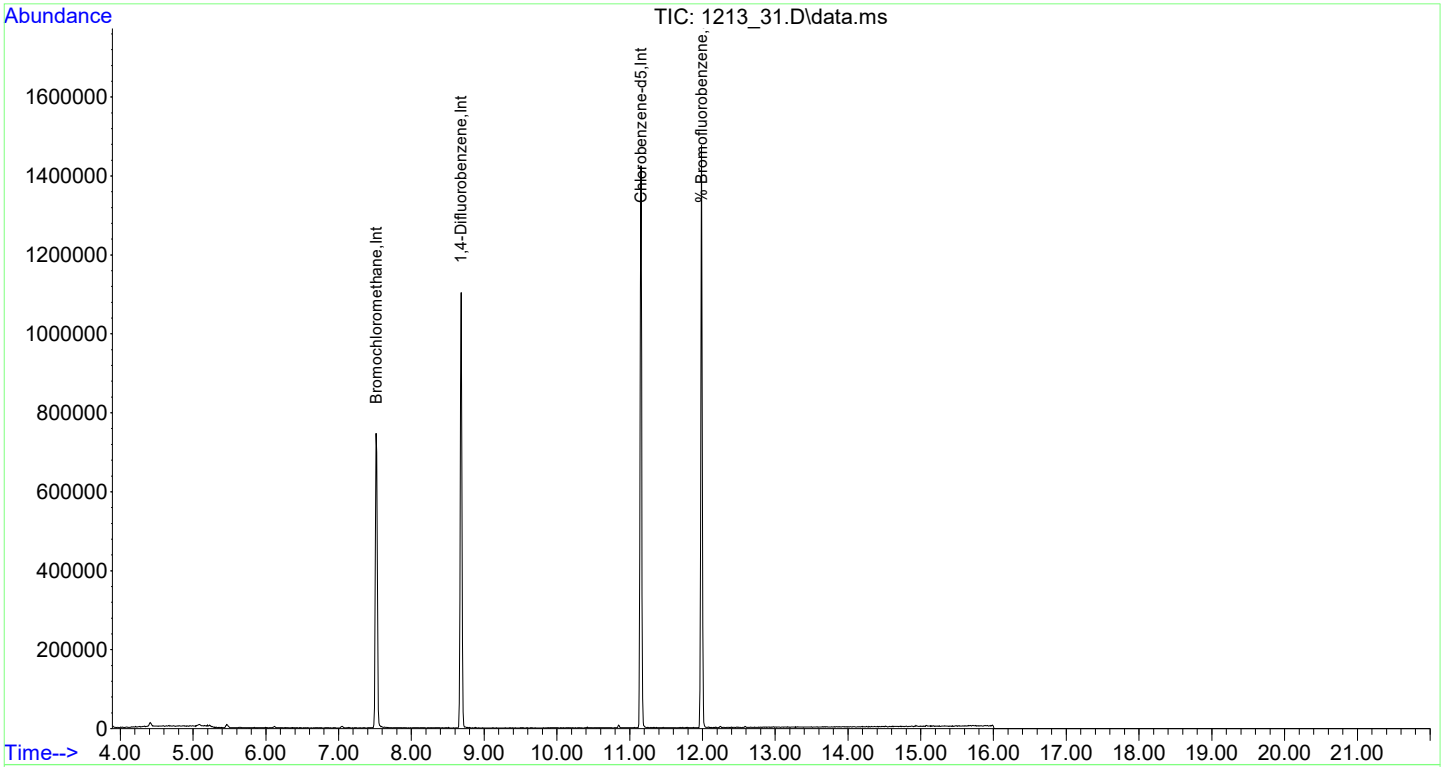
Quant Time: Dec 14 07:58:14 2024
Quant Method : H:\AIR2024\CHEM24\Methods\24_AIR_1018.M
Quant Title : VOA Standards for 5 point calibration
QLast Update : Mon Oct 21 10:04:28 2024
Response via : Initial Calibration

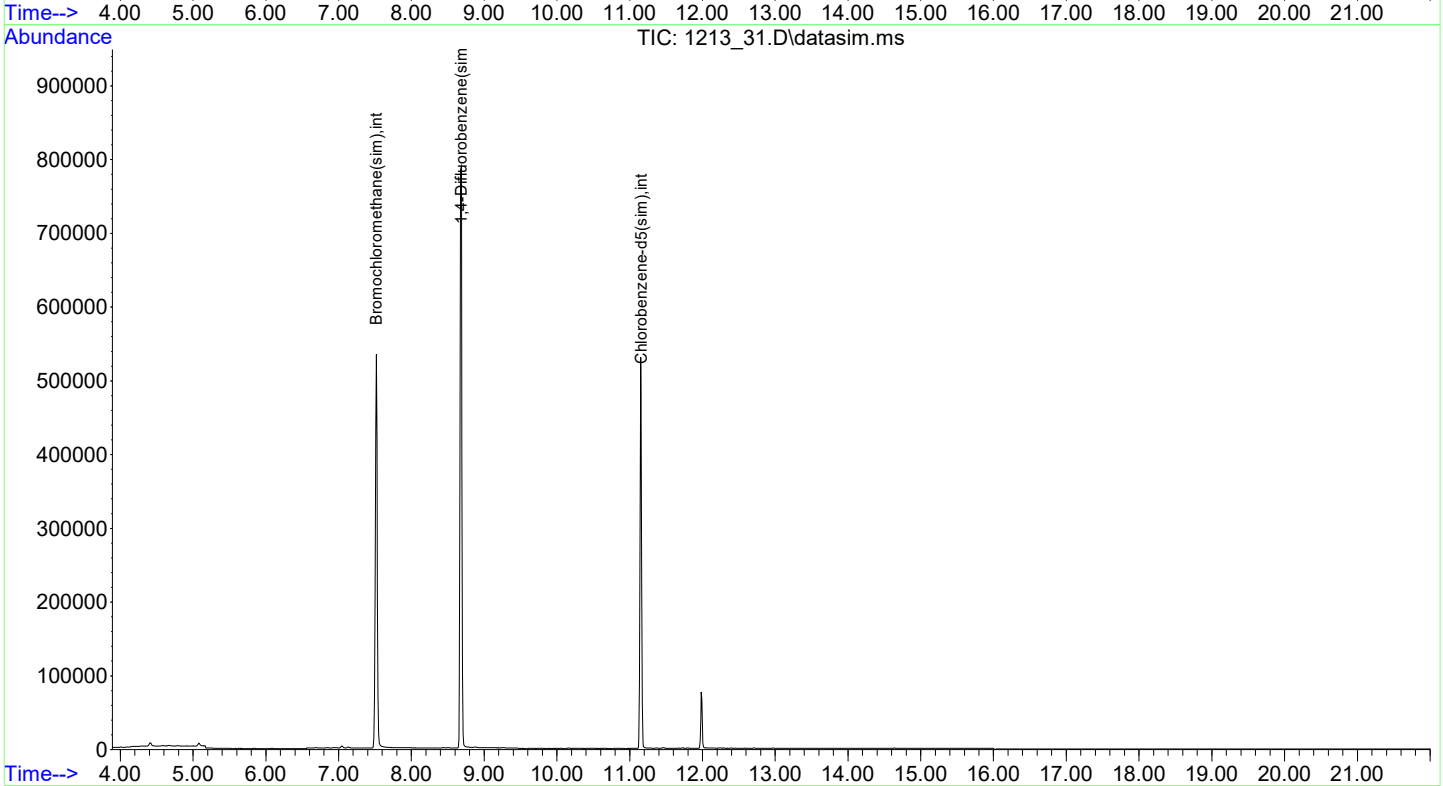
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.515	130	233682	10.000	ng		0.00
37) 1,4-Difluorobenzene	8.684	114	731673	10.000	ng		0.00
54) Chlorobenzene-d5	11.155	82	313892	10.000	ng		0.00
81) Bromochloromethane(sim)	7.518	130	239447	10.000	ng	#	0.00
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

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).

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
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: 1,8260D
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
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: 1,8260D
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 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: 12/27/24 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
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: 1,8260D
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 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:

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
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: 1,8260D
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 **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 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

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								
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

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
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

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								
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 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	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%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
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%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
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
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
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
Sample Depth:
Matrix: Soil

Date Collected: 12/19/24 10:15
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	91.0		%	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
Sample Depth:
Matrix: Soil
Date Collected: 12/19/24 13:50
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	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
Sample Depth:
Matrix: Soil

Date Collected: 12/19/24 15:30
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	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

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(*)
L2475113-03C	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.)

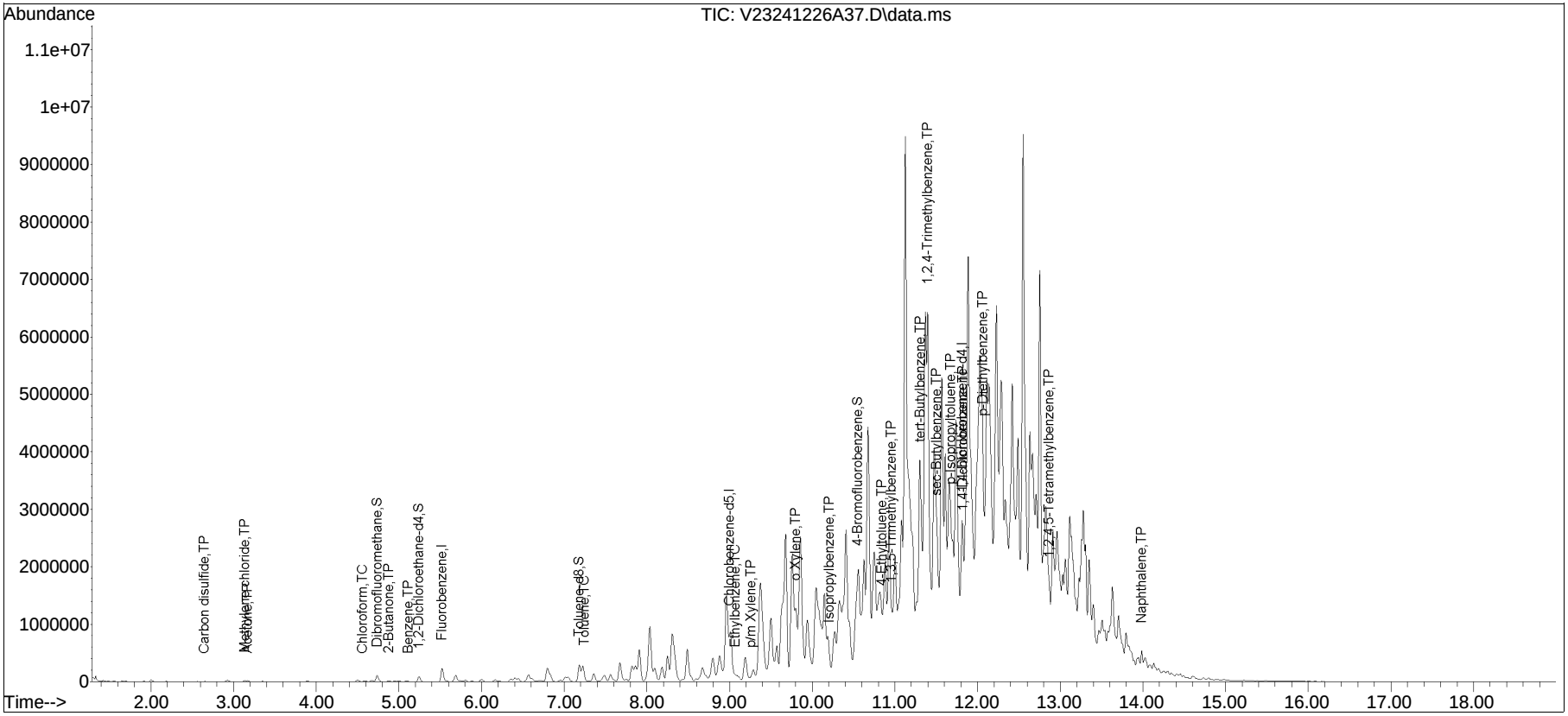
Form No: 01-25 HC (rev. 30-Sept-2013)

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
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: 1,8260D
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
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: 1,8260D
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 **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

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 **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

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 **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

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 **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:

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
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

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

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	**Lab Number:**	L2505081
Project Number:	13904	**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
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: 1,8260D
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
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: 1,8260D
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
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: 1,8260D
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
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: 1,8260D
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
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: 1,8260D
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 **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:

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
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: 1,8260D
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
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: 1,8270E
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
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:

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
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: 1,8270E
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
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
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
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
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
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
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
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: 1,8260D
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 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						
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
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: 1,8270E
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
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: 1,8270E
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
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: 1,8082A
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
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: 1,8082A
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
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
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
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: 1,8081B
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
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
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
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
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).

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

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 **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						
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 **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
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
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						
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
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
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
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						
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 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	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
Lab Number: L2505704
Project Number: 13904
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
Lab Number: L2505704
Project Number: 13904
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 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	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
Lab Number: L2505704
Project Number: 13904
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
Date Collected: 01/31/25 10:00
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	93.7		%	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
Sample Depth:
Matrix: Soil
Date Collected: 01/31/25 11:00
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	93.3		%	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
Sample Depth:
Matrix: Soil
Date Collected: 01/31/25 15:35
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	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)

Appendix B:

Quality Assurance Project Plan

SESI
CONSULTING ENGINEERS

Geotechnical
Environmental
Site Civil

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

Quality Assurance Project Plan
For

418 N Division Street
Peekskill, NY 10528

Prepared for:
STAGG GROUP

January 2026

SESI Project No:
13904

Table of Contents

LIST OF ACRONYMS **1**
1.0 PROJECT DESCRIPTION **2**
2.0 PROJECT ORGANIZATION **2**
2.1 PROJECT PRINCIPAL 3
2.2 PRINCIPAL ENGINEEER 3
2.3 PROJECT MANAGER 3
2.4 REMEDIAL INVESTIGATION WORK PLAN PROJECT MANAGER 3
2.5 FIELD TEAM LEADER 3
2.6 QUALITY ASSURANCE OFFICER 3
3.0 QA/QC OBJECTIVES FOR MEASUREMENT OF DATA **3**
3.1 COMPLETENESS 4
3.2 REPRESENTATIVENESS 4
3.3 COMPARABILITY 5
3.4 PRECISION AND ACCURACY 5
4.0 SAMPLING PROCEDURES **6**
4.1 SAMPLING PROGRAM 6
4.1.1 DRILLING/SAMPLING PROCEDURES 6
4.1.2 MONITORING WELL COMPLETION 7
4.1.3 WELL DEVELOPMENT 7
4.1.4 DECONTAMINATION 8
4.1.5 PFAS SAMPLING CONSIDERATIONS 8
4.2 GROUNDWATER SAMPLING PROGRAM 9
4.2.1 WELL EVACUATION 9
4.2.2 SAMPLING PROCEDURE 9
4.3 SOIL VAPOR SAMPLING 9
4.4 SAMPLE PRESERVATION AND SHIPMENT 10
5.0 SAMPLE CUSTODY **10**
5.1 FIELD SAMPLE CUSTODY 10
5.2 LABORATORY SAMPLE CUSTODY 11
5.3 FINAL EVIDENCE FILES 12
6.0 CALIBRATION PROCEDURES **12**
7.0 ANALYTICAL PROCEDURES **12**
7.1 VOLATILE ORGANICS 12
7.2 SEMI-VOLATILE ORGANIC COMPUNDS 13

7.3 PESTICIDE AND PCB COMPOUNDS....13
7.4 METALS....13
7.5 PER- AND POLYFLUOROALKYL SUBSTANCES....13
7.6 SITE SPECIFICITY OF ANALYSES....15

TABLES

TABLE 2.1 SESI PERSONNEL AND SUBCONTRACTORS

TABLE 4.1 SAMPLING PROCEDURE FOR MONITORING WELLS USING LOW-STESS (LOW-FLOW) METHODS

TABLE 4.2 SAMPLE CONTAINERIZATION

TABLE 4.3 SAMPLING OVERVIEW

TABLE 7.1 CONTRACT-REQUIRED QUANTITATION LEVELS AND ANALYTICAL METHODS FOR ASP INORGANICS, ASP VOLATILES, ASP SEMI-VOLATILES, ASP PESTICIDES, AND PCBs

ATTACHMENTS

ATTACHMENT A RIWP FIGURE

ATTACHMENT B RESUMES OF SESI PROJECT MANAGEMENT TEAM

ATTACHMENT C LABORATORY STANDARD OPERATING PROCEDURES FOR PFAS

ATTACHMENT D ANALYTICAL METHOD APPROXIMATE SOIL SAMPLE AMOUNTS AND QUALITY ASSURANCE SAMPLING SUMMARY TABLE

LIST OF ACRONYMS

Acronym	Definition
AAS	Absorption Spectroscopy
ASP	Analytical Service Protocol
BCP	Brownfield Cleanup Program
DUSR	Data Usability Summary Report
ELAP	Environmental Laboratory Accreditation Program
GC/MS	Gas Chromatography/Mass Spectrometry
HAS	Hollow-stem Auger
HDPE	High-Density Polyethylene
LDPE	Low-density Polyethylene
LFPS	Low Flow Purging Sampling
MDL	Method Detection Limit
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PCB	Polychlorinated Biphenyls
PFAS	Per- and polyfluoroalkyl substances
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PPE	Personal Protective Equipment
PTFE	Polytetrafluoroethylene
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
RIWP	Remedial Investigation Work Plan
SESI	SESI Consulting Engineers, Inc.
SVI Guidance	SVI Guidance
TIC	Tentatively Identified Compound
TCL	Target Compound List
VOC	Volatile Organic Compound
USEPA	United States Environmental Protection Agency

1.0 PROJECT DESCRIPTION

This document presents the Quality Assurance Project Plan (QAPP) for the Remedial Investigation Work Plan (RIWP) for the proposed development at 418 N Division Street and 407, 425, and 427 Highland Avenue, Peekskill, New York (the "Site"). 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.

The Site is bound in all direction by residential and/or commercial properties. The nearest surface water body is the Annsville Creek located approximately 3,400 feet (0.65-miles) northwest of the Site. The Annsville Creek discharges to the Hudson River located approximately 4,000 feet (0.75-miles) southwest of the Site. Topographically, 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.

SESI Consulting Engineers (SESI) prepared the RIWP for the Site, dated November 2025, which describes the investigation activities to be conducted at the Site, as part of the Site's planned remedial investigation and remediation.

2.0 PROJECT ORGANIZATION

The RIWP activities will be conducted by SESI and their qualified subcontractors, on behalf of STAGG Group. The organization of SESI's key project management and field staff, and respective areas of responsibility, is presented below **(Table 2.1)** along with the names of subcontractors. Resumes of the project management team are included in **Attachment B.**

Table 2.1—SESI Personnel and Subcontractors

Role	Name	Telephone No.
Project Principal	Fuad Dahan, P.E., PhD	973-808-9050 x249
Project Manager (PM)	Sheng Long	973-808-9050 x278
Principal Engineer	Fuad Dahan, P.E., PhD	973-808-9050 x249
Remedial Investigation Work Plan Project Manager	MaryKate Chorazak	973-808-9050
Field Team Leader	TBD	
Quality Assurance Officer	Joe Scardino	973-808-9050
Field Personnel	TBD	
Analytical Laboratory	Alpha Analytical	201-847-9100
Data Validator	Amine Dahmani	860-942-2881
Driller	Coastal Environmental Solutions	631-942-9209

2.1 PROJECT PRINCIPAL

Provides technical and administrative oversight and guidance throughout the project, assist in securing company resources, participate in technical review of deliverables, and attend key meetings as needed.

2.2 PRINCIPAL ENGINEEER

Provides technical guidance and review of reports, analytical data. Will have key involvement in screening and development of remedial alternatives.

2.3 PROJECT MANAGER

Responsible for maintaining the day-to-day schedule for completing the fieldwork and deliverables according to Brownfield Cleanup Program (BCP) requirements and client expectations.

2.4 REMEDIAL INVESTIGATION WORK PLAN PROJECT MANAGER

Responsible for coordinating and directing field efforts of SESI staff and subcontractors, and for maintaining that work is done according to QAPP specifications.

2.5 FIELD TEAM LEADER

Responsible for overseeing field work during the implementation of the RIWP, including observing subcontractors, maintaining field notes, and collecting samples of various environmental media.

2.6 QUALITY ASSURANCE OFFICER

Responsible for reviewing sampling procedures and certify that the data was collected and analyzed using the appropriate procedures.

3.0 QA/QC OBJECTIVES FOR MEASUREMENT OF DATA

In cases where NYSDOH ELAP Certification exists for a specific group or category of parameters, the laboratory performing analysis in connection with this project will have appropriate New York State Department of Health (NYSDOH) ELAP Certification. Alpha Analytical, an ELAP-certified lab, will be performing the sample analyses for the project. Analytical Service Protocol (ASP, June 2000) Category B deliverables are required for all samples. All data will be sent to a third party, Amine Dahmani, a data validator, for validation in accordance with NYSDEC BCP requirements. Resumes and Qualifications from Amine Dahmani are included in **Attachment B** of the QAPP.

Detection limits set by New York State Department of Environmental Conservation (NYSDEC) ASP will be used for all sample analyses unless otherwise noted. If NYSDEC-ASP-dictated

detection limits prove insufficient to assess project goals (i.e., comparison to drinking water standards or attainment of Applicable or Relevant and Appropriate Requirements [ARARs]), then ASP Special Analytical Services (SAS) or other appropriate methods will be utilized.

The quality assurance/quality control (QA/QC) objectives for all measurement data include completeness, representativeness, comparability, precision, and accuracy.

3.1 COMPLETENESS

The analyses performed must be appropriate and inclusive. The parameters selected for analysis are chosen to meet the objectives of the study.

Completeness of the analyses will be assessed by comparing the number of parameters intended to be analyzed with the number of parameters successfully determined and validated. Data must meet QC acceptance criteria for 100 percent or more of requested determinations.

3.2 REPRESENTATIVENESS

Samples must be taken of the population and, where appropriate, the population will be characterized statistically to express the degree to which the data accurately and precisely represent a characteristic of a population, parameter variations at a sampling point, a process, or environmental condition.

Non-dedicated sampling devices will be cleaned between sampling points by washing and rinsing with Alconox, followed by a thorough rinse with distilled water. Specific cleaning techniques are described in the Field Sampling Procedure. Two types of blank samples will accompany each sample set where Target Compound List (TCL) volatiles are to be analyzed (water matrix only). A trip blank, consisting of a 40 ml VOA vial of organic-free water prepared by the laboratory, will accompany each set of sample bottles from the laboratory to the field and back. This bottle will remain sealed throughout the shipment and sampling process. This blank will be analyzed for TCL volatile organic compounds (VOCs) along with the groundwater samples to ensure that contamination with TCL volatile compounds has not occurred during the bottle preparation, shipment and sampling phase of the project. In order to check for contaminant carryover when non-dedicated sampling equipment is used, a rinsate blank will be submitted to the laboratory. This blank will also be analyzed for TCL volatile organic compounds. The TCL compounds are identified in the United States Environmental Protection Agency (USEPA) Contract Laboratory Program dated 10/2016 or as periodically updated.

The analysis results obtained from the determination of identical parameters in field duplicate samples can be used to further assess the representativeness of the sample data.

3.3 COMPARABILITY

Consistency in the acquisition, preparation, handling and analysis of samples is necessary in order for the results to be compared where appropriate. Additionally, the results obtained from analyses of the samples will be compared with the results obtained in previous studies, if available.

To ensure the comparability of analytical results with those obtained in previous or future testing, all samples will be analyzed by NYSDEC-approved methods. The NYSDEC-ASP mandated holding times for various analyses will be strictly adhered to

3.4 PRECISION AND ACCURACY

The validity of the data produced will be assessed for precision and accuracy. Analytical methods which will be used include gas chromatography/mass spectrometry (GC/MS), gas chromatography, colorimetry, atomic spectroscopy, gravimetric and titrametric techniques. The following outlines the procedures for evaluating precision and accuracy, routine monitoring procedures, and corrective actions to maintain analytical quality control. All data evaluations will be consistent with NYSDEC-ASP procedures (June 2000). Data will be 100 percent compliant with NYSDEC-ASP requirements. Matrix spike and matrix spike duplicates will be collected to confirm accuracy and precision at a rate of one (1) per 20 soil and/or groundwater samples taken.

The number of duplicate, spiked and blank samples analyzed will be a minimum of one (1) duplicate for every 20 samples per each medium of groundwater and soil. The inclusion and frequency of analysis of field blanks will be on the order of one (1) per every 20 samples (soil). For the aqueous matrix field blanks will be collected at a frequency of one (1) per day. Samples to be analyzed for volatile organic compounds will be accompanied by a trip blank for each shipment and field blanks (water matrix) or field blanks (soil). An equipment blank for Per- and polyfluoroalkyl substances (PFAS) will be collected once per day per matrix, regardless of whether equipment being used is disposable, at a frequency of one (1) per 20 samples taken for both soil and groundwater.

Quality assurance audit samples will be prepared and submitted by the laboratory QA manager for each analytical procedure used. The degree of accuracy and the recovery of analyte to be expected for the analysis of QA samples and spiked samples is dependent upon the matrix, method of analysis, and compound or element being determined. The concentration of the analyte relative to the detection limit is also a major factor in determining the accuracy of the measurement. The lower end of the analytical range for most analyses is generally accepted to be five (5) times the detection limit. At or above this level, the determination and spike recoveries for metals in water samples will be expected to range from 75 to 125 percent. The recovery of organic surrogate compounds and matrix spiking compounds determined by GC/MS will be compared to the guidelines for recovery of individual compounds as established by the United States Environmental Protection Agency Contract Laboratory Program dated 7/85 or as periodically updated.

The quality of results obtained for inorganic ion and demand parameters will be assessed by comparison of QC data with laboratory control charts for each test.

4.0 SAMPLING PROCEDURES

4.1 SAMPLING PROGRAM

The sampling program for this project will include soil, groundwater and soil vapor. Soil samples will be collected from split spoon sampling or macrocore devices retrieved from soil borings. Groundwater samples will be collected from groundwater monitoring wells using low flow purging techniques. A description of this method is shown on **Table 4.1**. Soil vapor samples will be collected from vapor points screened in the vadose zone using Summa Canisters. A summary of the sample containers, bottle types, preservatives and holding times is shown on **Table 4.2.** The sampling to be conducted for this project is shown on **Table 4.3.**

4.1.1 DRILLING/SAMPLING PROCEDURES

Soil and groundwater samples will be collected by means of a soil boring program. Soil borings shall be completed using the hollow stem auger drilling methods, direct push methods, or rotary drilling methods, whichever methods are determined to be best suited to site conditions by the SESI project manager and SESI field team leader.

Soil samples will be collected from soil borings and analyzed in accordance with the NYSDEC-approved Work Plan. Monitoring wells for groundwater sample collection will be installed in select completed soil borings. Either hollow stem auger (HSA) or direct push drilling methods may be utilized for monitoring well completion.

Soil samples shall be collected continuously during drilling so that a complete soil profile is examined and described by the SESI field geologist. The sampling method employed shall be ASTM D-1586/Split Barrel Sampling using a standard 2-foot long, 2-inch outside diameter split-spoon sampler with a 140-pound hammer, in cases where HSA methods are used. Upon retrieval of the sampling barrel, the collected sample shall be placed in glass jars and labeled, stored on site (on ice in a cooler if necessary), and transmitted to the appropriate testing laboratory or storage facility. Chain-of-custody procedures will be practiced following Section 15, EPA-600/4-82-029, Handbook for Sampling and Sample Preservation of Water and Waste Waters.

A geologist or engineer will be on Site during the drilling operations to fully describe each soil sample, following the New York State Soil Description Procedure, and to retain representative portions of each sample.

The drilling contractor will be responsible for obtaining accurate and representative samples, informing the geologist of changes in drilling pressure, keeping a separate general log of soils encountered including blow counts [i.e., the number of blows from a soil sampling drive weight (140 pounds)] required to drive the split-spoon sampler in 6-inch increments and installing

monitoring wells to levels directed by the supervising geologist following specifications further outlined in this protocol.

4.1.2 MONITORING WELL COMPLETION

Monitoring wells will be constructed of 0.010-inch slot size PVC well screen and riser casing. Other materials utilized for completion will be washed silica sand (Q-Rock No. 4 or approved equivalent) bentonite grout, Portland cement, and a protective steel locking well casing and cap with locks. The depth of the wells will be determined based on the depth to water, type of contaminant and field conditions encountered.

The monitoring well installation method for wells installed within unconsolidated sediments shall be to place the screen and riser assembly into the casing once the screen interval has been selected. At that time, a washed silica sand pack will be placed around the well screen if required to prevent screen plugging. If a sand pack is not warranted, the auger string will be pulled back to allow the native aquifer material to collapse 2 to 3 feet above the top of the screen. Bentonite pellets will then be added to the annulus between the casing and the inside auger to insure proper sealing. Cement/bentonite grout will continue to be added during the extraction of the augers until the entire aquifer thickness has been sufficiently sealed off from horizontal and/or vertical flow above the screened interval. During placement of sand and bentonite pellets, frequent measurements will be made to check the height of the sand pack and thickness of bentonite layers by a weighted drop tape measure.

A bolt-down protective curb box will be installed, flush with the ground, or steel “stick-up” protective casing and secured by a Portland cement seal. The cement seal shall extend laterally at least 1 foot in all directions from the protective casing and shall slope gently away to drain water away from the well.

4.1.3 WELL DEVELOPMENT

All monitoring wells will be developed or cleared of all fine-grained materials and sediments that have settled in or around the well during installation so that the screen is transmitting representative portions of the groundwater. The development will be by one (1) of two (2) methods, pumping or bailing groundwater from the well until it yields relatively sediment-free water.

A decontaminated pump or bailer will be used and subsequently decontaminated after each use following procedures outlined in the Decontamination Protocol. Pumping or bailing will cease when the turbidity falls below 50 NTUs or until specific conductivity, pH, and temperature are stable (i.e., consecutive readings are within 10 percent with no overall upward or downward trends in measurements). Well development water will be disposed of on the ground surface at each well location.

4.1.4 DECONTAMINATION

All drilling equipment and associated tools including augers, drill rods, sampling equipment, wrenches and any other equipment or tools that have come in contact with contaminated materials will be decontaminated before any drilling on Site begins, between each well, and prior to removing any equipment from the Site. The preferred decontamination procedure will be to scrape the equipment from any residual soils and then rinse with water and Alconox®. Every effort will be made to minimize the generation of contaminated water. Any contaminated water generated will be drummed. The contaminated water drums will be disposed of at an appropriate facility after approval and sampling in accordance with the specific facility requirements.

4.1.5 PFAS SAMPLING CONSIDERATIONS

This section contains the materials limitations for Per- and polyfluoroalkyl substances sampling in accordance with the Draft NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (April 2023).

The groundwater samples will be analyzed for PFAS using USEPA Method 1633. Reporting limits for PFOA and PFOS will not exceed 2 nanograms per liter (ng/L). Category B deliverables and an electronic data deliverable will be completed.

PFAS are very persistent in the environment and in the human body. Due to their presence in a variety of products, persistence in the environment and very low drinking water standards, care must be used when groundwater sampling for PFAS to avoid cross contamination from the sampling equipment and personal protective equipment (PPE).

No fabric softener will be used on clothing to be worn in field. Cosmetics, moisturizers, hand cream, unauthorized sunscreen, insect repellent or other related products will not be used the morning of sampling. The field samplers will wear powder-free nitrile gloves while filling and sealing the sample bottles. The sampling equipment components and sample containers will not come in contact with material that may potentially contain PFAS such as aluminum foil, low density polyethylene (LDPE), glass or polytetrafluoroethylene (PTFE, Teflon™) materials including sample bottle cap liners with a PTFE layer. Clothing that contains PTFE material (including GORE-TEX®) or that have been waterproofed with PFAS materials will be avoided. Food and drink packaging materials will be avoided, as well.

Sampling will be performed using certified PFAS-free sampling materials such as stainless steel, high density polyethylene (HDPE), PVC, silicone, acetate or polypropylene pump and tubing. Rinse water must be laboratory-provided certified PFAS-free distilled or de-ionized water. Standard two step decontamination using Alconox® detergent and clean certified PFAS-free water rinse will be performed for equipment that does come in contact with PFAS materials.

No waterproof field books, plastic clipboards, binders, or spiral hard cover will be used for PFAS containers. No adhesives (i.e. Post-It® Notes), sharpies, or permanent markers will be used for PFAS containers. The PFAS containers will be labeled with ballpoint pens. PFAS samples will be stored in separate cooler filled with regular ice only with no chemical (blue) ice packs.

Pre-cleaned sample bottles with closures, coolers, sample labels and a chain of custody form will be provided by the laboratory.

4.2 GROUNDWATER SAMPLING PROGRAM

4.2.1 WELL EVACUATION

Prior to sampling a monitoring well, the static water level will be recorded. All well data will be recorded on a field sampling record. The wells will be sampled in accordance with the USEPA guidelines for the Low Flow Purging Sampling (LFPS). The purpose of LFPS is to collect groundwater samples from monitoring wells that are representative of ambient groundwater conditions in the aquifer. The LFPS method reduces turbidity which is needed particularly when sampling for metals.

4.2.2 SAMPLING PROCEDURE

The wells will be sampled using the USEPA LFPS technique. A flow rate of 100 ml to 250 ml per minute is used to purge the wells. Drawdown should not exceed 0.3 feet. The pump intake is lowered to the mid-point of the water column or as subsurface features such as bedrock fractures or more permeable zones warrant. At the initiation of low flow purging a water level is recorded as well as field parameters. Field parameters are then monitored every five (5) minutes during low flow purging using a flow through cell. When three (3) consecutive measurements of pH differ by 0.1 units or less, with ORP within 10 mv or less, turbidity varies 10 percent or less, conductivity differs by 3 percent or less and dissolved oxygen by 10 percent or less, sampling may begin. Flow through cells are used so continuous real time readings are made. When the parameters stabilize the flow through cell is disconnected and sample bottles are filled directly from the tubing. Low-flow sampling procedures are summarized on **Table 4.1.**

4.3 SOIL VAPOR SAMPLING

Soil vapor sampling will be conducted in accordance with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (2006) with updates (SVI Guidance). Soil vapor samples will be collected in the vadose zone from shallow (five [5] feet) vapor points. Each vapor point will be installed in a shallow boring drilled either by hand-operated equipment (e.g. hand auger or percussion hammer drill), or by a small truck-mounted drill rig. Drilling equipment used shall be based on soil conditions, and the method that provides the most practical approach.

Each vapor point will consist of an inert sampling tube (polyethylene, stainless steel, or Teflon®) with a six (6)-inch screened section at the bottom through which soil vapors can be sampled. The screen slot size will be 0.0075 inches. A sampling zone will be created around the screened section by backfilling with one (1) to two (2) feet of porous coarse sand or glass beads, and at least three (3) feet of bentonite will be placed above the porous sampling zone to form a seal from the surface. Native clean soil will be packed around the remaining annulus to the ground surface.

The regulator will be set to collect a soil vapor sample at a flow rate of less than 0.2 liters per minute. After the summa canister is filled, the valve will be closed.

Each canister will be listed according to a specific sample I.D. on a chain of custody form. Sample canisters will be delivered to the laboratory within 24 hours and analyzed for VOCs by method TO-15. The detection limit for VOCs will be 1 µg/m3 or less

.

The soil vapor sampling effort will include the use of inert helium tracer gas to verify that the soil vapor samples are not diluted by ambient air. The atmosphere around the sampling tube will be enriched with the tracer gas, and the soil vapor sample will be collected in the presence of the enriched tracer atmosphere. This will be accomplished by placing an inverted plastic pail over the sampling point and filling the pail with the tracer gas via a small tube penetrating the site of the pail. Refer to the SVI Guidance.

Weather conditions in the 48 hours prior to the test, and during the test, will be noted, including average wind speed, precipitation, temperature, and barometric pressure.

4.4 SAMPLE PRESERVATION AND SHIPMENT

Since all bottles will contain the necessary preservatives as shown in **Table 4.2**, they need only be filled. The 40 ml VOA vials must be filled brim full with no air bubbles. The other bottles should be filled to within about one (1) inch from the top.

The bottles will be sent from the laboratory in coolers which will be organized on a per site basis. Following sample collection, the bottles should be placed on ice in the shipping cooler. The samples will be cooled to 4°C, but not frozen.

Final packing and shipment of coolers will be performed in accordance with guidelines outlined in the ASP.

5.0 SAMPLE CUSTODY

The program for sample custody and sample transfer is in compliance with the NYSDEC-ASP, as periodically updated. If samples may be needed for legal purposes, chain-of-custody procedures, as defined by NEIC Policies and Procedures (USEPA-330/9-78-001-R, Revised June 1988) will be used. Sample chain-of-custody is initiated by the laboratory with selection and preparation of the sample containers. To reduce the chance for error, the number of personnel handling the samples should be minimized.

5.1 FIELD SAMPLE CUSTODY

A chain-of-custody record accompanies the samples from initial sample container selection and preparation at the laboratory, shipment to the field for sample containment and preservation, and return to the laboratory. Two (2) copies of this record follow the samples to the laboratory. The laboratory maintains one (1) file copy and the completed original is returned to the site inspection team. Individual sample containers provided by the laboratory are used for shipping samples.

The shipping containers are insulated and ice is used to maintain samples at approximately 4°C until samples are returned and in the custody of the laboratory. All sample bottles within each shipping container are individually labeled and controlled. Samples are to be shipped to the laboratory within 24 to 48 hours of the day of collection depending on parameter holding times.

Each sample shipping container is assigned a unique identification number by the laboratory. This number is recorded on the chain-of-custody record and is marked with indelible ink on the outside of the shipping container. The field sampler will indicate the sample designation/location number in the space provided on the appropriate chain-of-custody form for each sample collected. The shipping container is closed and a seal provided by the laboratory is affixed to the latch. This seal must be broken to open the container, and this indicates possible tampering if the seal is broken before receipt at the laboratory. The laboratory will contact the site investigation team leader and the sample will not be analyzed if tampering is apparent.

5.2 LABORATORY SAMPLE CUSTODY

The site investigation team leader or Project Quality Assurance Officer notifies the laboratory of upcoming field sampling activities and the subsequent transfer of samples to the laboratory. This notification will include information concerning the number and type of samples to be shipped as well as the anticipated date of arrival.

The laboratory sample program meets the following criteria:

- The laboratory has designated a sample custodian who is responsible for maintaining custody of the samples and for maintaining all associated records documenting that custody.
- Upon receipt of the samples, the custodian will check the original chain-of-custody documents and compare them with the labeled contents of each sample container for correctness and traceability. The sample custodian signs the chain-of-custody record and records the date and time received.
- Care is exercised to annotate any labeling or descriptive errors. In the event of discrepant documentation, the laboratory will immediately contact the site investigation team leader as part of the corrective action process. A qualitative assessment of each sample container is performed to note any anomalies, such as broken or leaking bottles.

This assessment is recorded as part of the incoming chain-of-custody procedure:

1. The samples are stored in a secured area at a temperature of approximately 4°C until analyses are to commence.
2. A laboratory chain-of-custody record accompanies the sample or sample fraction through final analysis for control.
3. A copy of the chain-of-custody form will accompany the laboratory report and will become a permanent part of the project records.

5.3 FINAL EVIDENCE FILES

Final evidence files include all originals of laboratory reports and are maintained under documented control in a secure area.

A sample or an evidence file is under custody if:

- It is in your possession; it is in your view, after being in your possession.
- It was in your possession and you placed it in a secure area.
- It is in a designated secure area.

6.0 CALIBRATION PROCEDURES

Instruments and equipment used to gather, generate or measure environmental data will be calibrated with sufficient frequency and in such a manner that accuracy and reproducibility of results are consistent with the appropriate manufacturer's specifications or project specific requirements. The procedures for instrument calibration, calibration verification, and the frequency of calibrations are described in the ASP. The calibration of instruments used for the determination of metals will be as described in the appropriate CLP standard operating procedures.

Calibration of other instruments required for measurements associated with these analyses will be in accordance with the manufacturer's recommendations and the standard operating procedures of the laboratory.

7.0 ANALYTICAL PROCEDURES

Analytical procedures shall conform to the most recent revision of the NYSDEC-ASP (June 2005) and are summarized on **Table 7.1.** In the absence of USEPA or NYSDEC guidelines, appropriate procedures shall be submitted for approval by NYSDEC prior to use.

The procedures for the sample preparation and analysis for organic compounds are as specified in the NYSDEC-ASP. Analytical cleanups are mandatory where matrix interferences are noted. No sample shall be diluted any more than a factor of five. The sample shall be either re-extracted, re-sonicated, re-stream distilled, etc. or be subjected to any one analytical cleanup noted in SW846 or a combination thereof. The analytical laboratory shall expend such effort and discretion to demonstrate good laboratory practice and demonstrate an attempt to best achieve the method detection limit.

7.1 VOLATILE ORGANICS

For the analysis of water samples for Target Compound List VOCs, no sample preparation is required. The analytical procedure for volatiles is detailed in NYSDEC-ASP (Volume I, Section D-I). A measured portion of the sample is placed in the purge and trap apparatus and the sample

analysis is performed by gas chromatography/mass spectrometry for the first round. USEPA Method 8260 will be used, plus tentatively identified compounds (TICs). USEPA Methods 8010 or 8020 (gas chromatography with different detectors) will be used if subsequent rounds with lower limits of detection are warranted.

7.2 SEMI-VOLATILE ORGANIC COMPUNDS

The extraction and analytical procedures used for preparation of water, soil and sediment samples for the analysis of the TCL semi-volatile organic compounds are described in NYSDEC-ASP Volume I, Section D-III. USEPA Method 8270 will be used, plus TICs.

Instrument calibration, compound identification, and quantitation are performed as described in Section 6 of this document and in the NYSDEC-ASP.

7.3 PESTICIDE AND PCB COMPOUNDS

The sample preservation procedures for gas chromatography for pesticides and polychlorinated biphenyls (PCBs) will be as described in the NYSDEC-ASP methods (Section D-IV). The analysis of standard mixes, blanks and spiked samples will be performed at the prescribed frequency with adherence to the 72-hour requirement described in the method.

7.4 METALS

Water, soil and waste samples will be analyzed for the metals listed in Table 7.1. The detection limits for these metals are as specified in the NYSDEC-ASP, Section D-V. The instrument detection limits will be determined using calibration standards and procedures specified in the NYSDEC-ASP. The detection limits for individual samples may be higher due to the sample matrix. The procedures for these analyses will be as described in the NYSDEC-ASP.

The analyses for metals will be performed by atomic absorption spectroscopy (AAS) or inductively-coupled plasma emission spectroscopy (ICPES), as specified in the ASP with regard to AAS flame analysis.

7.5 PER- AND POLYFLUOROALKYL SUBSTANCES

The NYSDEC has developed a list of 40 PFAS Analytes List on Table 7.1 for remedial programs. These are:

- Perfluorobutanesulfonic acid
- Perfluoropentanesulfonic acid
- Perfluorohexanesulfonic acid
- Perfluoroheptanesulfonic acid
- Perfluorooctanesulfonic acid

- Perfluorononanesulfonic acid
- Perfluorodecanesulfonic acid
- Perfluorododecanesulfonic acid
- Perfluorobutanoic acid
- Perfluoropentanoic acid
- Perfluorohexanoic acid
- Perfluoroheptanoic acid
- Perfluorooctanoic acid
- Perfluorononanoic acid
- Perfluorodecanoic acid
- Perfluoroundecanoic acid
- Perfluorododecanoic acid
- Perfluorotridecanoic acid
- Perfluorotetradecanoic acid
- Perfluorohexadecanoic acid
- Hexafluoropropylene oxide dimer acid
- 4,8-Dioxa-3H-perfluorononanoic acid
- Perfluoro-3-methoxypropanoic acid
- Perfluoro-4-methoxybutanoic acid
- Nonafluoro-3,6-dioxaheptanoic acid
- 4:2 Fluorotelomer sulfonic acid
- 6:2 Fluorotelomer sulfonate
- 8:2 Fluorotelomer sulfonate
- 3:3 Fluorotelomer carboxylic acid
- 5:3 Fluorotelomer carboxylic acid
- 7:3 Fluorotelomer carboxylic acid
- Perfluroroctane sulfonamide
- N-methylperfluorooctane sulfonamide
- N-ethylperfluorooctane sulfonamide
- N-methyl perfluorooctanesulfonamidoacetic acid
- N-ethyl perfluorooctanesulfonamidoacetic acid
- N-methylperfluorooctane sulfonamidoethanol

- N-ethylperfluorooctane sulfonamidoethanol
- 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (F-53B Major)
- 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (F-53B Minor)
- Perfluoro(2-ethoxyethane) sulfonic acid

Currently, ELAP does not offer certification for PFAS compounds in matrices other than finished drinking water. Per the NYSDEC June 2019 memo on emergent contaminant sampling, the analytical procedure for soil and groundwater sampling of PFAS is Modified EPA Method 1633. The reporting limit for PFAS in soil samples is 0.5 ug/kg. Reporting limits for perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) in groundwater should not exceed 2 ng/L.

The laboratory standard operating procedures are included in **Attachment C**. The laboratory method detection limits (MDLs) for PFAS compounds are included in **Attachment D**.

7.6 SITE SPECIFICITY OF ANALYSES

Work plans prepared for remedial actions for sites contain recommendations for the chemical parameters to be determined for each site. Thus, some or all of the referenced methods will apply to the analysis of samples collected at the individual waste sites. Analyses of TCL analytes will be performed on all samples.

To ensure that the field sampling and laboratory analytical practices are acceptable, the data associated with the samples will be validated by a third party (in accordance with requirements of DER-10). The validation approach and results will be presented in a data usability summary report (DUSR) to be included in the Report.

TABLES

TABLE 4.1--SAMPLING PROCEDURE FOR MONITORING WELLS USING LOW-STESS (LOW-FLOW) METHODS

Step	Description	Details
1	Record initial static water level.	**Device:** electric contact probe accurate to the nearest 0.1 foot.
2	Lower sampling device into well. Slowly lower the pump, safety cable, tubing and electrical lines into the well to the depth specified for that well.	Pump intake must be no less than 2 feet from the bottom of the well to prevent disturbance and resuspension of sediments which may be at the bottom of the well.
3	Measure water level again: Before starting the pump, measure the water level again with the pump in the well. Leave the water level measuring device in the well.	
4	Purge Well	Start pumping the well at 200 to 500 milliliters per minute (ml/min). The water level should be monitored approximately every five minutes. Ideally, a steady flow rate should be maintained that results in a stabilized water level (drawdown of 0.3 ft or less). Pumping rates should, if needed, be reduced to the minimum capabilities of the pump to ensure stabilization of the water level. As noted above, care should be taken to maintain pump suction and to avoid entrainment of air in the tubing.
5	Record each adjustment made to the pumping rate and the water level measured immediately after each adjustment.	
6	Monitor Indicator Parameters	1. During purging of the well, monitor and record the field indicator parameters (turbidity, temperature, specific conductance, pH, Eh, and DO) approximately every five minutes. The well is considered stabilized and ready for sample collection when the indicator parameters have stabilized for three consecutive

Step	Description	Details
		readings as follows (Puls and Barcelona, 1996): a. 0.1 for pH b. 3% for specific conductance (conductivity) c. 10 mv for redox potential d. 10% for DO and turbidity
7	The pump must not be removed from the well between purging and sampling.	Dissolved oxygen and turbidity usually require the longest time to achieve stabilization.
8	Collect Samples	Collect samples at a flow rate between 100 and 250 ml/min and such that drawdown of the water level within the well does not exceed the maximum allowable drawdown of 0.3 ft. VOC samples must be collected first and directly into sample containers. All sample containers should be filled with minimal turbulence by allowing the ground water to flow from the tubing gently down the inside of the container.
9	Ground water samples to be analyzed for volatile organic compounds (VOCs) require pH adjustment. The appropriate EPA Program Guidance should be consulted to determine whether pH adjustment is necessary.	If pH adjustment is necessary for VOC sample preservation, the amount of acid to be added to each sample vial prior to sampling should be determined, drop by drop, on a separate and equal volume of water (e.g., 40 ml). Groundwater purged from the well prior to sampling can be used for this purpose.
10	Remove Pump and Tubing	After collection of the samples, the tubing, unless permanently installed, must be properly discarded or dedicated to the

Step	Description	Details
		well for resampling by hanging the tubing inside the well.
11	Measure and record well depth.	
12	Close and lock the well.	
13	Samples are capped, labeled and placed in laboratory coolers with ice packs or bagged ice.	
14	All equipment is cleaned with successive rinses of pesticide-grade methanol and distilled water.	Dedicated line is disposed of or left at well site.
15	Equipment/wash blanks are collected when non-dedicated sampling equipment is used.	
16	Chain-of-custody forms are completed in triplicate.	The original and one carbon copy are put into a zip-lock bag and placed into the cooler. The original will be returned following sample analysis. A second carbon copy is kept on file.
17	Cooler is sealed with strapping tape and chain-of-custody seals to assure integrity and to prevent tampering of sample.	

TABLE 4.2--SAMPLE CONTAINERIZATION

PARAMETER & ANALYTICAL METHOD	NO.	BOTTLE TYPE	PRESERVATIVE[1]	HOLDING TIME
Aqueous Samples				
VOCs – USEPA 8260C	3	40 mL, glass vial with septum cap	Hydrochloric Acid to pH <2 Ice to 4°C	14 days
SVOCs (BNAs) and 1,4-Dioxane – USEPA 8270 SIM	2	1-liter amber glass bottle	Ice to 4°C	7 days (until extraction) 40 days (extracted)
Pesticides – USEPA 8081B	2	1-liter amber glass bottle	Ice to 4°C	7 days (until extraction) 40 days (extracted)
PCBs – USEPA 8082A	2	1-liter amber glass bottle	Ice to 4°C	7 days (until extraction) 40 days (extracted)
Metals[2]	1	1-liter, plastic bottle	Nitric acid to pH <2 NaOH for cyanide Ice to 4°C	180 days Cyanide: 14 days Mercury: 28 days
Cyanide – USEPA 9010C/9012B	1	1-liter, plastic	Sodium Hydroxide to pH >12 Ice to 4°C	14 days
PFAS Compounds – USEPA Modified Method 537	2	500 ml HDPE or Polypropylene with non-Teflon lid	None	14 days
Soil, Sediment, Solid Waste Samples:				
VOCs – USEPA 8260C	3	5-gram EnCore samplers	Chilled to 0 - 6°C	14 days
SVOCs (BNAs) and 1,4-Dioxane – USEPA 8270D SIM if RL cannot be reached	1	4-oz. glass jar with Teflon lid	Chilled to 0 - 6°C	14 days (until extraction, 40 days extracted)

PARAMETER & ANALYTICAL METHOD	NO.	BOTTLE TYPE	PRESERVATIVE(1)	HOLDING TIME
Pesticides – USEPA 8081B	1	4-oz. glass jar with Teflon lid	Chilled to 0 - 6°C	14 days (until extraction) 40 days (extracted)
PCBs – USEPA 8082A	1	4-oz. glass jar with Teflon lid	Chilled to 0 - 6°C	None
Metals(3)	1	4-oz. glass jar with Teflon lid	Chilled to 0 - 6°C	180 days Cyanide: 14 days Mercury: 28 days
PFAS Compounds – USEPA Modified Method 537	2	500 ml HDPE or Polypropylene with non-Teflon lid	None	28 days
Soil Vapor / Indoor Air Samples:				
VOCs – USEPA TO-15	1	Summa Canister	None	30 days

(1) All samples will be preserved with ice during collection and shipment.

(2) Metals refers to the 24 metals and cyanide in the Target Compound List (NYSDEC-CLP 11/87). Metals will be analyzed by Method 6020B, 7470A for mercury, and 9010C/9012B for cyanide

(3) Metals refers to the 24 metals and cyanide in the Target Compound List (NYSDEC-CLP 11/87). Metals will be analyzed by Method 6010D, 7471B for mercury, and 9010C/9012B for cyanide

(4) A complete list of compounds is provided on Table 7.1.

Table 4.3--Sampling Overview

Matrix	Samples Collected	Field and Trip Blanks	Matrix Spike Matrix Spike Duplicates (number and type)	Duplicate Samples (number and type)
Groundwater	None Anticipated	N/A	N/A	N/A
Soil	Approx. 71-75 (inside building footprint) Approx. 33-35 outside building footprint	1 per 20 samples or 1 per day	1 per 20 samples	1 duplicate for every 20 samples
Soil Vapor*	None Anticipated	N/A	N/A	N/A

***** If soil vapor samples are to be collected 1 ambient air sample will be taken per 20 samples

TABLE 7.1–CONTRACT-REQUIRED QUANTITATION LEVELS AND ANALYTICAL METHODS FOR ASP INORGANICS, ASP VOLATILES, ASP SEMI-VOLATILES, ASP PESTICIDES, PCBs, AND PFAS

Target Analyte List (TAL) and Contract-Required Quantitation Limit

SECTION 1 - ASP INORGANICS Method: NYSDEC-ASP-91-4					
METALS		CONTRACT-REQUIRED DETECTION LEVEL* (µg/L)	METALS		CONTRACT-REQUIRED DETECTION LEVEL* (µg/L)
1.	Aluminum	200	13.	Magnesium	5,000
2.	Antimony	60	14.	Manganese	15
3.	Arsenic	15	15.	Mercury	0.2
4.	Barium	200	16.	Nickel	40
5.	Beryllium	5	17.	Potassium	5,000
6.	Cadmium	5	18.	Selenium	35
7.	Calcium	5,000	19.	Silver	10
8.	Chromium	10	20.	Sodium	5,000
9.	Cobalt	50	21.	Thallium	25
10.	Copper	25	22.	Vanadium	50
11.	Iron	100	23.	Zinc	60
12.	Lead	10	24.	Cyanide	10

Target Compound List (TCL) and Contract-Required Quantitation Limit

SECTION 2 – ASP ORGANICS (VOLATILES) Method: NYSDEC-ASP-91-1					
VOLATILE		CONTRACT-REQUIRED QUANTITATION LIMIT** (µg/L)	VOLATILE		CONTRACT-REQUIRED QUANTITATION LIMIT** (µg/L)
1.	Chloromethane	5.0	18.	1,2-Dichloropropane	5.0

SECTION 2 – ASP ORGANICS (VOLATILES) Method: NYSDEC-ASP-91-1					
VOLATILE		CONTRACT-REQUIRED QUANTITATION LIMIT** (µg/L)	VOLATILE		CONTRACT-REQUIRED QUANTITATION LIMIT** (µg/L)
2.	Bromomethane	5.0	19.	cis-1,3-Dichloropropene	5.0
3.	Vinyl Chloride	5.0	20.	Trichloroethene	5.0
4.	Chloroethane	5.0	21.	Dibromochloromethane	5.0
5.	Methylene Chloride	5.0	22.	1,1,2-Trichloroethane	5.0
6.	Acetone	10.0	23.	Benzene	5.0
7.	Carbon Disulfide	5.0	24.	Trans-1.3-Dichloropropene	5.0
8.	1,1-Dichloroethylene	5.0	25.	Bromoform	5.0
9.	1,1-Dichloroethane	5.0	26.	2-Hexanone	10.0
10.	1,2-Dichloroethylene (total)	5.0	27.	4-Methyl, 1,2-Pentanone	10.0
11.	Chloroform	5.0	28.	Tetrachloroethylene	5.0
12.	1,2-Dichloroethane	5.0	29.	Toluene	5.0
13.	2-Butanone	10.0	30.	Chlorobenzene	5.0
14.	1,1,1-Trichloroethane	5.0	31.	Ethylbenzene	5.0
15.	Carbon Tetrachloride	5.0	32.	Styrene	5.0
16.	Bromodichloromethane	5.0	33.	Total Xylenes	5.0
17.	1,1,2,2-Tetrachloroethane	5.0			

SECTION 3 - ASP ORGANICS (SEMI-VOLATILES) Method: NYSDEC-ASP-91-2					
SEMI-VOLATILE		CONTRACT-REQUIRED QUANTITATION LIMIT (µg/l)	SEMI-VOLATILE		CONTRACT-REQUIRED QUANTITATION LIMIT (µg/l)
1.	Phenol	5.0	33.	Acenaphthene	5.0
2.	Bis(2-chloroethyl)ether	5.0	34.	2,4-Dinitrophenol	10.0
3.	2-Chlorophenol	5.0	35.	4-Nitrophenol	10.0
4.	1,3-Dichlorobenzene	5.0	36.	Dibenzofuran	5.0
5.	1,4-Dichlorobenzene	5.0	37.	Dinitrotoluene	5.0
6.	1,2-Dichlorobenzene	5.0	38.	Diethylphthalate	5.0
7.	2-Methylphenol	5.0	39.	4-Chlorophenyl phenyl ether	5.0
8.	2,2'oxybis(1-Chloropropane)	5.0	40.	Fluorene	5.0
9.	4-Methylphenol	5.0	41.	4-Nitroanile	10.0
10.	N-Nitroso-dipropylamine	5.0	42.	4,6-Dinitro-2-methylphenol	10.0
11.	Hexachloroethane	5.0	43.	N-nitrosodiphenyl amine	5.0
12.	Nitrobenzene	5.0	44.	4-Bromophenyl phenyl ether	5.0
13.	Isophorone	5.0	45.	Hexachlorobenzene	5.0
14.	2-Nitrophenol	5.0	46.	Pentachlorophenol	10.0
15.	2,4-Dimethylphenol	5.0	47.	Phenanthrene	5.0
16.	Bis(2-Chloroethoxy) methane	5.0	48.	Anthracene	5.0
17.	2,4-Dichlorophenol	5.0	49.	Carbazole	5.0
18.	1,2,4-Trichlorobenzene	5.0	50.	Di-n-butyl phthalate	5.0
19.	Naphthalene	5.0	51.	Fluoranthene	5.0
20.	4-Chloroaniline	5.0	52.	Pyrene	5.0
21.	Hexachlorobutadiene	5.0	53.	Butyl benzyl phthalate	5.0

SECTION 3 - ASP ORGANICS (SEMI-VOLATILES) Method: NYSDEC-ASP-91-2					
SEMI-VOLATILE		CONTRACT-REQUIRED QUANTITATION LIMIT (µg/l)	SEMI-VOLATILE		CONTRACT-REQUIRED QUANTITATION LIMIT (µg/l)
22.	4-Chloro-3-methylphenol	5.0	54.	3,3'-Dichloro benzidine	5.0
23.	2-Methylnaphthalene	5.0	55.	Benz(a)anthracene	5.0
24.	Hexachlorocyclopentadiene	5.0	56.	Chrysene	5.0
25.	2,4,6-Trichlorophenol	5.0	57.	Bis(2-ethylhexyl) phthalate	5.0
26.	2,4,5-Trichlorophenol	10.0	58.	Di-n-octyl phthalate	5.0
27.	2-Chloronapthalene	5.0	59.	Benzo(b)fluoranthene	5.0
28.	2-Nitroananiline	10.0	60.	Benzo(k)fluoranthene	5.0
29.	Dimethyl phthalate	5.0	61.	Benzo(a)pyrene	5.0
30.	Acenaphthylene	5.0	62.	Indeno(1,2,3-cd) pyrene	5.0
31.	2,6-Dinitrotoluene	5.0	63.	Dibenz(a,h) anthracene	5.0
32.	3-Nitroaniline	10.0	64.	Benzo(g,h,i)perylene	5.0

SECTION 3 - ASP ORGANICS (PESTICIDES/PCBS) Method: NYSDEC-ASP-91-3					
PESTICIDE/PCB		CONTRACT-REQUIRED QUANTITATION LIMIT (µg/l)	PESTICIDE/PCB		CONTRACT-REQUIRED QUANTITATION LIMIT (µg/l)
1.	Alpha-BHC	0.05	15.	4,4'-DDT	0.10
2.	Beta-BHC	0.05	16.	Methoxychlor	0.5
3.	Delta-BHC	0.05	17.	Endrin ketone	0.10
4.	Gamma-BHC (lindane)	0.05	18.	Endrin aldehyde	0.10
5.	Heptachlor	0.05	19.	Alpha-Chlordane	0.05
6.	Aldrin	0.05	20.	Gamma-Chlordane	0.05
7.	Heptachlor epoxide	0.05	21.	Toxaphene	5.0
8.	Endosulfan I	0.05	22.	AROCHLOR-1016	1.0
9.	Dieldrin	0.10	23.	AROCHLOR-1221	1.0
10.	4,4'-DDE	0.10	24.	AROCHLOR-1232	1.0
11.	Endrin	0.10	25.	AROCHLOR-1242	1.0
12.	Endosulfan II	0.10	26.	AROCHLOR-1248	1.0
13.	4,4'-DDD	0.10	27.	AROCHLOR-1254	1.0
14.	Endosulfan sulfate	0.10	28.	AROCHLOR-1260	1.0

*Matrix: groundwater. For soil matrix, multiply CRDL by 100.

**Quantitation limit for medium-level soil is 1,200 µg/kg (wet weight basis).

PFAS Compound List and Reporting and Method Detection Limits for Soil and Groundwater

Method: EPA 1633 by LC-MS/MS			
	PFAS	Reporting Limit —	Method Detection Limit —

Method: EPA 1633 by LC-MS/MS			
		Groundwater (ng/l)	**Groundwater (ng/l)**
1	Perfluorobutanesulfonic acid (PFBS)	1.6	0.245
2	Perfluoropentanesulfonic acid (PFPeS)	1.6	0.204
3	Perfluorohexanesulfonic acid (PFHxS)	1.6	0.217
4	Perfluoroheptanesulfonic acid (PFHpS)	1.6	0.137
5	Perfluorooctanesulfonic acid (PFOS)	1.6	0.327
6	Perfluorononanesulfonic acid (PFNS)	1.6	0.303
7	Perfluorodecanesulfonic acid (PFDS)	1.6	0.334
8	Perfluorododecanesulfonic acid (PFDoS)	1.6	0.179
9	Perfluorobutanoic acid (PFBA)	6.4	0.330
10	Perfluoropentanoic acid (PFPeA)	3.2	0.196
11	Perfluorohexanoic acid (PFHxA)	1.6	0.318
12	Perfluoroheptanoic acid (PFHpA)	1.6	0.221
13	Perfluorooctanoic acid (PFOA)	1.6	0.302
14	Perfluorononanoic acid (PFNA)	1.6	0.221
15	Perfluorodecanoic acid (PFDA)	1.6	0.333
16	Perfluoroundecanoic acid (PFUnA)	1.6	0.264
17	Perfluorododecanoic acid (PFDoA)	1.6	0.379
18	Perfluorotridecanoic acid (PFTrDA)	1.6	0.238
19	Perfluorotetradecanoic acid (PFTeDA)	1.6	0.264
20	Hexafluoropropylene oxide dimer acid (HFPO-DA)	6.4	0.406
21	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	6.4	0.779
22	Perfluoro-3-methoxypropanoic acid (PFMPA)	3.2	0.177
23	Perfluoro-4-methoxybutanoic acid (PFMBA)	3.2	0.117

Method: EPA 1633 by LC-MS/MS			
24	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	3.2	1.384
25	4:2 Fluorotelomer sulfonic acid (4:2-FTS)	6.4	2.281
26	6:2 Fluorotelomer sulfonic acid (6:2-FTS)	6.4	3.973
27	8:2 Fluorotelomer sulfonic acid (8:2-FTS)	6.4	1.566
28	3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	8.0	0.721
29	5:3 Fluorotelomer carboxylic acid (5:3 FTCA)	40	5.066
30	7:3 Fluorotelomer carboxylic acid (7:3 FTCA)	40	5.942
31	Perfluorooctane sulfonamide (PFOSA)	1.6	0.227
32	N-methylperfluorooctane sulfonamide (NMeFOSA)	1.6	0.196
33	N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.6	0.585
34	N-methylperfluorooctane sulfonamidoacetic acid (N-MeFOSAA)	1.6	0.586
35	N-ethylperfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	1.6	0.324
36	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	16	1.191
37	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	16	1.022
38	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (F-53B Major) (9CL-PF3ONS)	6.4	0.871
39	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (F-53B Minor) (11CL-PF3OUDS)	6.4	0.819
40	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	3.2	0.137
41	Perfluorohexadecanoic acid (PFHxDA)[1]	~	~
	1,4-dioxane		

Method: EPA 1633 by LC-MS/MS			
	PFAS	**Reporting Limit — Soil (ng/g)**	**Method Detection Limit — Soil (ng/g)**
1	Perfluorobutanesulfonic acid (PFBS)	0.2	0.014
2	Perfluoropentanesulfonic acid (PFPeS)	0.2	0.015
3	Perfluorohexanesulfonic acid (PFHxS)	0.2	0.018
4	Perfluoroheptanesulfonic acid (PFHpS)	0.2	0.057
5	Perfluorooctanesulfonic acid (PFOS)	0.2	0.067
6	Perfluorononanesulfonic acid (PFNS)	0.2	0.046
7	Perfluorodecanesulfonic acid (PFDS)	0.2	0.040
8	Perfluorododecanesulfonic acid (PFDoS)	0.2	0.038
9	Perfluorobutanoic acid (PFBA)	0.8	0.401
10	Perfluoropentanoic acid (PFPeA)	0.4	0.021
11	Perfluorohexanoic acid (PFHxA)	0.2	0.020
12	Perfluoroheptanoic acid (PFHpA)	0.2	0.029
13	Perfluorooctanoic acid (PFOA)	0.2	0.037
14	Perfluorononanoic acid (PFNA)	0.2	0.086
15	Perfluorodecanoic acid (PFDA)	0.2	0.031
16	Perfluoroundecanoic acid (PFUnA)	0.2	0.033
17	Perfluorododecanoic acid (PFDoA)	0.2	0.059
18	Perfluorotridecanoic acid (PFTrDA)	0.2	0.038
19	Perfluorotetradecanoic acid (PFTeDA)	0.2	0.032
20	Hexafluoropropylene oxide dimer acid (HFPO-DA)	0.8	0.136
21	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.8	0.057
22	Perfluoro-3-methoxypropanoic acid (PFMPA)	0.4	0.033

Method: EPA 1633 by LC-MS/MS			
23	Perfluoro-4-methoxybutanoic acid (PFMBA)	0.4	0.029
24	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.4	0.084
25	4:2 Fluorotelomer sulfonic acid (4:2-FTS)	0.8	0.282
26	6:2 Fluorotelomer sulfonic acid (6:2-FTS)	0.8	0.116
27	8:2 Fluorotelomer sulfonic acid (8:2-FTS)	0.8	0.225
28	3:3 Fluorotelomer carboxylic acid (3:3 FTCA)	1.0	0.060
29	5:3 Fluorotelomer carboxylic acid (5:3 FTCA)	5.0	0.363
30	7:3 Fluorotelomer carboxylic acid (7:3 FTCA)	5.0	0.308
31	Perfluorooctane sulfonamide (PFOSA)	0.2	0.068
32	N-methylperfluorooctane sulfonamide (NMeFOSA)	0.2	0.049
33	N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.2	0.038
34	N-methylperfluorooctane sulfonamidoacetic acid (N-MeFOSAA)	0.2	0.030
35	N-ethylperfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	0.2	0.044
36	N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	2.0	0.203
37	N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	2.0	0.247
38	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (F-53B Major) (9CL-PF3ONS)	0.8	0.038
39	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (F-53B Minor) (11CL-PF3OUdS)	0.8	0.071
40	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	0.4	0.018
41	Perfluorohexadecanoic acid (PFHxDA)[1]	~	~

Source: EPA Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS, Second Draft Method 1633, November 2022

Data for this table are derived from the single-laboratory validation study and are only provided as examples for this draft method. The data will be updated to reflect the interlaboratory study results in a subsequent revision. Therefore, these criteria will change after interlaboratory validation.

[1] This compound was not listed in the EPA Method 1633 2nd draft and currently no known values exist

FUAD DAHAN, PhD, PE, LSRP

Principal

EDUCATION

2002 - Ph.D. Environmental Engineering; Purdue University, W. Lafayette IN
1997 - M.S. Chemical Engineering; Drexel University, Philadelphia PA
1994 - B.S. Chemistry; American University of Beirut, Beirut Lebanon

PROFESSIONAL REGISTRATIONS

Professional Engineer - State of New Jersey (# 24GE05012100)
Professional Engineer - State of New York (# 090531)
Licensed Site Remediation Professional (# 629363)
Member of the American Society of Civil Engineers

EXPERIENCE

Dr. Fuad Dahan joined SESI in 2013 as a Senior Project Engineer. He has over 20 years of environmental engineering expertise and diverse experience including environmental treatment system applications, design, research, and monitoring. He has worked on federal, state, and private projects. He managed multi-million-dollar projects and programs for large corporations including Fortune 500 companies.

While at SESI, Dr. Dahan has managed several New York Brownfield Clean-up projects from initial site characterization through obtaining a Certificate of Completion (COC). He also manages New Jersey brownfield and landfill development projects. Dr. Dahan successfully completed more than 25 brownfield projects in NY and NJ. The clean-ups included light non aqueous phase liquid (LNAPL) in fissured rock, dense non aqueous phase liquid (DNAPL) in bedrock, in situ treatments of petroleum and chlorinated volatile organic compounds (CVOCs), bedrock characterization, vapor intrusion mitigation, manufactured gas plants (MGP), landfill closures, landfill gas management, and soil removals.

Prior to joining SESI, Dr. Dahan worked at Leidos (previously SAIC), where he was the company lead in green remediation. He was the lead environmental engineer on federal and private superfund sites where several in-situ remediation technologies were implemented. He also managed a multi-million-dollar program to treat industrial wastewater at federal facilities. Dr. Dahan worked at URS Corporation, now an AECOM Company, on the multiphase implementation of remedial action for a multi-million-dollar project that included the construction of several remedial systems.

Dr. Dahan received his bachelor's degree from American University of Beirut, his master's in Chemical Engineering from Drexel University and his Ph.D. in Environmental Engineering from Purdue University. He is a Licensed Professional Engineer in New Jersey and New York, as well as a Licensed Site Remediation Professional in New Jersey.

REPRESENTATIVE PROJECTS

Huguenot South (3Thirty3) – New Rochelle, NY: A NYS Brownfield Clean-up Project in the middle of the urban area of New Rochelle. The clean-up consisted of remediation of contaminated soils, bedrock characterization with downhole geophysics, in situ treatment of DNAPL in fracture d rock, in situ treatment of PFAS, and vapor intrusion mitigation. The site received a conditional Track 1 clean-up.

Joint Base - McGuire Dix Lakehurst, NJ: Instrumental in the remediation of three Operable Units at the Joint Base. The work included investigation of the three operable units to determine the nature and extent of remediation. It also included the design of remedial strategies that included in-situ remediation technologies, excavation, and ex-situ remediation.

Former Ossining Works Site – Ossining, NY: The New York State (NYS) Brownfield Cleanup project entails the design of a remediation program for an historic manufactured gas plant discharge near an ecologically sensitive area, specifically a waterbody that discharges into the Hudson River. The undertaking involves working closely with Con Edison and the developer to remediate the Site. The remedies considered were soil excavation and in situ stabilization (ISS). Ultimately, ISS was selected as the preferred method, and as the engineer of record, Dr. Dahan is overseeing the design of the system that will treat 17,000 cubic yards of contaminated soil.

Former Ludlow Street Works – Yonkers, NY: A former manufactured gas plant is being redeveloped with two residential buildings and an associated parking garage. The undertaking involves working closely with Con Edison and the developer to remediate the Site. Remedial options that were considered were ISS, excavation, surfactant flushing, thermal desorption, and in situ geo-chemical stabilization. Ultimately, ISS was selected as remedy, with bucket mix selected over auger mix, and as the engineer of record on the project, Dr. Dahan oversaw the remediation of the design. That design is currently being implemented at the site of the former MGP and will entail the treatment of 25,000 cubic yards of contaminated soil.

Eval Oil Terminal – Hackensack, NJ: A previous oil terminal located on the Hackensack River. The contamination consisted of petroleum related LNAPL resulting from aboveground storage tanks, underground storage tanks, and a gasoline station. The remediation consisted of extensive site-wide soil excavation followed by the injection of calcium peroxide to assist in the degradation of the LNAPL. The clean-up was completed in five months and resulted in significant time and financial savings. The site was developed into an operational self-storage building.

1510 Broadway, Brooklyn NY: An NYSBCP project than involved the clean-up of brownfield to be developed into an affordable housing building that helped revitalize the Bedford-Stuyvesant neighborhood in Brooklyn. The remediation include removal of hazardous soils and in situ treatment with chemical reduction of CVOCs. This project received the Big Apple Brownfield Award (BABA) from New York City Brownfield Partnership.

Runnells Landfill - Berkeley Heights, NJ: Led the environmental clean-up of the 6-acre construction and debris landfill, to develop the landfill into a hotel. The work included the removal and the disposal of the landfill material to bring the site to grade. It involved the design of a venting system that underlies the hotel building and the design of the new capping system in accordance with the NJDEP requirements.

Science Applications International Corp (SAIC or Leidos) - Fairfield NJ: Led the remedial design for RCRA sites—which are part of an Air Force Base—that were impacted with chlorinated and petroleum VOCs, Metals, and SVOCs. Conducted the Feasibility Study that developed the remediation strategy for impacted soils, groundwater, and sediments. Conducted treatability study examining in situ chemical oxidation (ISCO) as treatment technology for soils and groundwater. The treatability study developed mass balances for the contaminants in the solid, water and gas phases to track the oxidation by-products. Conducted bench scale and pilot scale studies for industrial water treatment system. Scaled up the treatment system from a pilot to full-scale application. Developed a treatment strategy of benzene and chlorinated VOC co-mingled plumes.

Holston Army Base - Kingsport, TN: Project manager for the implementation of three innovative technologies to treat the industrial wastewater. Coordinated with researchers at the Stevens Institute of Technology to design bench and pilot scale tests to test the treatment technologies. Led the design of the full-scale implementation of the technologies.

TRAINING/CERTIFICATION

Advanced Tools for In-Situ Remediation
NJ DEP Soil Remediation Standards: Applications and Implications
Phytotechnologies - ITRC Internet-Based Training Course
Green Remediation: Environmental-Energy-Economics
OSHA Safety Training
OSHA Supervisor Safety Training

M. Amine Dahmani, Ph.D.
Principal- AMXconsult,LLC
Adjunct Professor- UCONN Civil & Environmental Engineering

EDUCATION

1986 - Ph.D. Petroleum Engineering with a Minor in Civil Engineering, Louisiana State University
1983 - M.S. Petroleum Engineering, Louisiana State University
1981 - B.S. Petroleum Engineering, Louisiana State University

EXPERIENCE

2025- on - Principal, AMXconsult, LLC
2017 - on – Adjunct Faculty, Civil & Environmental Engineering Department (CEE), University of Connecticut (UCONN)
October 2016- March 2025 - Senior Project Manager, SESI Consulting Engineers, Pine Brook, NJ
August 2015- October 2016 - Senior Project Manager, Remediation Technology Group, Langan Engineering, NJ
June 2008- August 2015 – Section Team Leader, Head of Research and Development and Forensics, Spectrum Analytical, Inc. Agawam, MA
June 2005- June 2008 - Section Team Leader, Research and Development, Spectrum Analytical, Inc. Agawam, MA
1990-May 2005 – Project Manager, Environmental Research Institute (now Center of Environmental Science and Engineering, CESE), University of Connecticut, Storrs, CT

Dr. Dahmani obtained a Ph.D. in Petroleum Engineering from LSU in 1986. After working in the oil industry for four years, he joined the Environmental Research Institute (now CESE) at the University of Connecticut (UCONN) in 1990 to work on environmental assessment, testing and remediation research and development. The institute had state-of-the-art laboratories that provided a full range of services in the development of analytical methods and in analytical testing (organics, metals, nutrients) to support research by faculty members as well as government and industry. Dr. Dahmani joined Spectrum Analytical (now Eurofins) in Massachusetts in 2005 to head the R&D and petroleum forensics teams. Spectrum Analytical provided a full range of analytical testing services for the private and government sectors. He joined Langan Engineering in 2015 as a Senior Manager in the Remediation Technology group before joining SESI as a Senior Project Manager in 2016. Dr. Dahmani currently develops remedial designs, conducts data quality assessments and data usability evaluations (DQA/DUE) for SESI NJ and CT projects, reviews Data Usability Summary Reports (DUSRs) for NY projects and conducts petroleum forensic evaluations. Dr. Dahmani is also an Adjunct Professor at the UCONN Civil & Environmental Engineering department and conducts treatability studies in the Geoenvironmental Laboratory at UCONN.

From: Baird, Elliot J (DEC) <Elliot.Baird@dec.ny.gov>
Sent: Friday, February 28, 2025 8:13 AM
To: Dr. Amine Dahmani <ad@sesi.org>
Subject: RE: 3rd party reviewer (DUSR)

CAUTION !! This E-Mail originated from outside the organization. Confirm it is from a legitimate E-Mail address. If uncertain - do not click links or open attachments unless you contact the sender and know the content is safe.

Hi Amine,

Your resume looks good and you should be allowed to validate data as a third party. Whoever you are working with should still include your name and resume in QAPPs.

Elliot

Elliot Baird
Environmental Chemist 2
Remedial Bureau D, Training and Technical Support Section
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, Albany, NY 12233
P: (518) 402-9811 | elliot.baird@dec.ny.gov
https://link.edgepilot.com/s/0ef02a1e/MIWG16i6q0KU451hQJ59Tg?u=http://www.dec.ny.gov/ |

Appendix C:

Emerging Contaminant Sampling Plan

SESI
CONSULTING ENGINEERS

Geotechnical
Environmental
Site Civil

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

EMERGING CONTAMINANT SAMPLING PLAN

For:

418 N Division Street

Peekskill, NY 10528

Prepared for:

418 NORTH DIVISION STREET LLC

SESI Project No:
13904

Date:

January 2026

Table of Contents

1.0 PROJECT DESCRIPTION 2

2.0 SOIL SAMPLING PLAN 2

3.0 GROUNDWATER SAMPLING PLAN 4

4.0 SOIL SAMPLE COLLECTION AND HANDLING 4

5.0 SAMPLE SHIPMENT 6

1.0 PROJECT DESCRIPTION

This document presents the soil and groundwater emergent contaminant sampling plan for the Remedial Investigation Workplan (RIWP) located at 418 N Division Street and 407, 425, and 427 Highland Avenue, Peekskill, New York (the "Site"). The Site encompasses four (4) contiguous parcels, identified on Westchester County 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. All buildings historically onsite have been demolished, and the Site is currently unoccupied.

During the Phase I Site Reconnaissance in 2025, Lot 9, located at 418 N Division Street, was developed with a one-story commercial building and associated loading area. Lot 10, located at 407 Highland Avenue, contained of 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, contained a two-story concrete and stone commercial building. Lot 11, located at 427 Highland Avenue, contained a one-story concrete commercial building. The buildings at Lot 9 and Lot 10 were connected from inside.

Historic Site operations reflect a mix of commercial, industrial, and municipal activities. Lot 9 was developed around 1971 and operated as the St. Labor Unemployment Office from approximately 1971 to 1982. By about 1987, the lot was occupied by Wayne Printing & Lithography, and subsequently became part of the adjacent steam laundry facility. Lot 10A consists of multiple buildings with varying construction dates and uses. Building I was developed prior to 1887 and expanded around 1905; it was used for carpentry-related activities until approximately 1942, after which it became part of the steam laundry operations that continued through roughly 2001. Building II, constructed around 1911, also housed carpentry operations until approximately 1942,

then was incorporated into the steam laundry through 2001. Building III was constructed around 1950 and later expanded between 1974 and 2006; it functioned as part of the steam laundry from its development through approximately 2001. Lot 10B, also constructed circa 1911, operated as a dairy factory until approximately 1964 and subsequently became integrated into the steam laundry until about 2001. Lot 11, developed around 1923, initially functioned as a garage through the early 1970s, later supporting various light industrial uses including Marin Heating & Air Conditioner (circa 1972) and Highland Industrial Supplies and United Machine & Metal (circa 1977). Lot 12, developed around 1923, served as a municipal fire department facility from approximately 1950 until around 2020.

These historical operations indicate the potential for various sources of environmental concern, including but not limited to petroleum products, solvents, printing-related materials, and other contaminants commonly associated with historical industrial and commercial land uses.

2.0 SOIL SAMPLING PLAN

The sampling will be performed in accordance with the New York State Department of Environmental Conservation (NYSDEC) Guidelines for Sampling and Analysis of Per-and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, dated April 2023. The soil samples will be sent via chain of custody to an ELAP-certified laboratory and analyzed for TCL/TAL+30, 1,4-dioxane and the PFAS compounds listed in Table 1. The soil samples will be analyzed for PFAS using Modified USEPA Method 1633A. Reporting limits for each PFAS compound will not exceed 1 microgram per kilogram (ug/kg). NYSDEC will be informed if detection limits on certain PFAS compounds cannot be met by the laboratory. Category B deliverables and an electronic data deliverable will be completed. A DUSR will be prepared by a data validator for all the analyses including PFAS and 1,4-dioxane. The method detection limit (MDL) for 1,4-dioxane will be no higher than 0.1 mg/kg (ppm).

Because PFAS compounds must be analyzed at concentrations in the ug/kg range, precautions must be taken to prevent cross-contamination during sampling events. Field sampling equipment that is used at multiple sites or sampling locations could become highly contaminated with PFAS. Soil sampling at this site will involve the use of non-dedicated equipment, such as a Geoprobe direct push drill rig, which could be a source of cross-contamination. Decontamination procedures

outlined in this document will be followed to avoid cross contamination and equipment will be verified as PFAS-free. Special care and consideration will be given to the field sampling equipment when stored and handled outside the site boundaries or between different sample locations.

Items that may be directly in contact with the soil, including spoons, bowls, and direct push equipment, including any split spoon or sampling barrels, have a high likelihood of cross-contamination occurring if the proper decontamination procedures are not followed. These items should be known to be PFAS free. Item that will not directly contact the soil, including field books, Post-It® Notes, aluminum foil, recycled paper towels, binders, or spiral hard cover, can be a source of PFAS contamination. Every effort will be made to ensure these items are PFAS-free.

For the sampling equipment, the following items, materials, and procedures will be used for decontamination:

- Municipal drinking water may be used for decontamination if it is known to be PFAS-free. Commercially available deionized water in an HDPE container may also be used for decontamination.
- Standard two step decontamination using Alconox® detergent and PFAS-free triple water rinse will be performed for the sampling equipment.
- Sampling equipment may be scrubbed with polyethylene or a polyvinyl chloride (PVC) brush to remove particulates.
- The sampling equipment components will not come in contact with material that may potentially contain PFAS such as aluminum foil, low density polyethylene (LDPE), polytetrafluoroethylene (PTFE, Teflon®) or other fluoropolymers.
- Soil sampling equipment will be decontaminated between each sampling point and at the conclusion of the workday. This is to ensure sampling equipment is decontaminated ahead of time for the next sampling event.

Equipment rinsate blanks will be collected daily for the equipment that comes in contact with the soil samples and is decontaminated and reused. If all the sampling materials are disposable, no field blanks will be collected. Field duplicates will be collected on a frequency of 1/20 samples.

One matrix spike and matrix spike duplicate (MS/MSD) will also be collected on a frequency of 1/20 samples. A trip blank will accompany each laboratory shipment which includes analysis for volatile organic compounds.

3.0 GROUNDWATER SAMPLING PLAN

The sampling will be performed in accordance with the NYSDEC Guidelines for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs, dated April 2023. The groundwater samples will be sent via chain of custody in a cooler at 4 degrees C to an ELAP-certified laboratory and analyzed for TCL/TAL+30, 1,4-dioxane and the PFAS compounds listed in Table 1. The groundwater samples will be analyzed for PFAS using Modified USEPA Method 1633A. Reporting limits for PFOA and PFOS will not exceed 2 nanogram per liter (ng/L). Category B deliverables and an electronic data deliverable will be completed. A DUSR will be prepared by a data validator for all the analyses including PFAS and 1,4-dioxane. The method detection limit (MDL) for 1,4-dioxane will be no higher than 0.28 µg/l (ppb). In order to get the appropriate detection limit, the lab will run EPA method 8270 in "selective ion monitoring" (SIM) mode for 1.4-dioxane.

PFAS are very persistent in the environment and in the human body. There is evidence that exposure to PFAS can lead to adverse human health effects. EPA established the health advisory levels for PFAS in drinking water at 70 parts per trillion. Due to their presence in a variety of products, persistence in the environment and very low drinking water standards, care must be used when groundwater sampling for PFAS to avoid cross contamination from the sampling equipment and personal protective equipment (PPE). If PFOAs/PFOS/1,4 Dioxane are detected above the Guidance values on-site, additional groundwater samples will be required off-site.

4.0 SOIL SAMPLE COLLECTION AND HANDLING

The following considerations will be observed:

- No fabric softener will be used on clothing to be worn by the sampling personnel in the field. Clothing that contains PTFE material (including GORE-TEX®) or that have been waterproofed with PFAS-containing materials will be avoided.

- Cosmetics, moisturizers, hand cream, unauthorized sunscreen, insect repellant or other related products will not be used by the sampling staff on sampling days.
- Food and drink packaging materials such as pre-wrapped food or snacks (i.e. candy bars, microwave popcorn, etc.) will not be used in the sampling and staging areas.
- Sampling will be conducted with powderless nitrile gloves. The gloves will be changed frequently any time there is an opportunity for cross-contamination during sampling, including, but not limited to:
    a. Immediately prior to sample collection
    b. Each time sampling equipment is placed in and then removed from soil at a new location
    c. Handling of any sample, including quality assurance/quality control (QA/QC) samples
    d. After the handling of any non-dedicated sampling equipment
    e. After contact with non-decontaminated surfaces
    f. After decontamination of sampling equipment
    g. When judged necessary by field personnel
- HDPE or polypropylene sample bottles with Teflon®-free caps, provided by the laboratory will be used. Sample containers will not come in contact with material that may potentially contain PFAS.
- Bottles will only be opened immediately prior to sampling.
- Dust and fibers will be kept out of sample bottles.
- The sample caps will never be placed directly on the ground during sampling. If the sampling staff must set the sample bottle cap down during sample collection and a second member of the sampling crew (wearing a fresh pair of powderless nitrile gloves) is not available, the cap will be set on a clean surface (cotton sheeting, HDPE sheeting, triple rinsed cooler lid, etc.).
- Regular size Sharpie® and thicker markers will be avoided. Fine and Ultra-Fine point Sharpie® markers may be used. Ballpoint pens may be used when labeling sample containers. If ballpoint pens do not write on the sample container labels, preprinted labels from the laboratory may be used.
- Sample bottles, coolers, sample labels and a chain of custody form will be provided by the analytical laboratory.

- PFAS samples will be collected prior to collecting non-PFAS samples.

5.0 SAMPLE SHIPMENT

In the absence of a formal USEPA guidance for PFAS sample storage, the documentation in USEPA Method 1633A will be used as a guide for thermal preservation and holding times for soil or other samples. Samples will be chilled during storage and shipment, and will not exceed 50°F (10º C) during the first 48 hours after collection.

The following procedures will be used by SESI for sample shipment:

- Regular ice will be used to cool and maintain the samples at or below 42.8°F (6°C). Chemical or blue ice may be used if it is known to be PFAS-free and the samples can be cooled and maintained at or below 42.8°F (6°C) during collection and through transit to the laboratory.
- The coolers will be periodically checked to ensure samples are well iced and at the proper temperature. Refresh with regular ice if needed. The ice may be double bagged in LDPE resealable storage bags. LDPE may be used if an equipment blank demonstrates the LDPE is PFAS-free.
- Chain of Custody and other forms will be single bagged in LDPE (e.g. Ziploc®) storage bags and taped to the inside of the cooler lid. LDPE may be used if an equipment blank demonstrates the LDPE is PFAS-free.
- The cooler(s) will be taped closed with a custody seal and picked up by a ELAP certified lab within 24 hrs.

PFAS compounds list:

- Perfluorobutanesulfonic acid
- Perfluoropentanesulfonic acid
- Perfluorohexanesulfonic acid
- Perfluoroheptanesulfonic acid
- Perfluorooctanesulfonic acid
- Perfluorononanesulfonic acid
- Perfluorodecanesulfonic acid
- Perfluorododecanesulfonic acid
- Perfluorobutanoic acid
- Perfluoropentanoic acid
- Perfluorohexanoic acid
- Perfluoroheptanoic acid
- Perfluorooctanoic acid
- Perfluorononanoic acid
- Perfluorodecanoic acid
- Perfluoroundecanoic acid
- Perfluorododecanoic acid
- Perfluorotridecanoic acid
- Perfluorotetradecanoic acid
- Perfluorohexadecanoic acid
- Hexafluoropropylene oxide dimer acid
- 4,8-Dioxa-3H-perfluorononanoic acid
- Perfluoro-3-methoxypropanoic acid
- Perfluoro-4-methoxybutanoic acid
- Nonafluoro-3,6-dioxaheptanoic acid
- 4:2 Fluorotelomer sulfonic acid
- 6:2 Fluorotelomer sulfonate
- 8:2 Fluorotelomer sulfonate
- 3:3 Fluorotelomer carboxylic acid
- 5:3 Fluorotelomer carboxylic acid
- 7:3 Fluorotelomer carboxylic acid
- Perfluroroctane sulfonamide
- N-methylperfluorooctane sulfonamide
- N-ethylperfluorooctane sulfonamide
- N-methyl perfluorooctanesulfonamidoacetic acid
- N-ethyl perfluorooctanesulfonamidoacetic acid
- N-methylperfluorooctane sulfonamidoethanol
- N-ethylperfluorooctane sulfonamidoethanol
- 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (F-53B Major)
- 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (F-53B Minor)
- Perfluoro(2-ethoxyethane) sulfonic acid

Appendix D:

Typical Boring/Well Construction Log

SESI CONSULTING ENGINEERS	PROJECT NAME:		MONITORING WELL NO.	
	PROJECT LOCATION:		JOB NO.	
			GROUND ELEVATION:	

BORING BY:	DATE STARTED		DEVELOPMENT PERIOD		INSIDE CASING DIAMETER (in)	
INSPECTOR:	DATE COMPLETED		DEVELOPMENT METHOD		BOREHOLE DIAMETER (in)	
NJ DEP PERMIT NO.:	DATE DEVELOPED		DEVELOPMENT RATE	# gpm	INITIAL WATER LEVEL (ft):	

WELL CONSTRUCTION	DEPTH (ft)	Sample	Blows on Spoon 0/6	6/12	12/18	18/24	REC (in)	SOIL DESCRIPTION AND STRATIFICATION	P.I.D.
Depth (feet below grade)	0								
Top of Casing: #									
Ground Surface 0									
Top of Riser #									
	5								
Top of Seal #									
Top of Sand Pack	10								
Top of Screen	15								
	20								
	25								
	30								
	35								
Bottom of Screen									
Bottom of Boring	40								

Casing Type:
Well Cap:
Grout Type:
Well Key:
Riser Pipe:
Sand/Gravel Pack Size:
Screen Size:

Remarks:

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

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

Appendix E:

Health and Safety Plan

SESI
CONSULTING ENGINEERS

Geotechnical
Environmental
Site Civil

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

Site Specific Health and Safety Plan

For

Site Name
418 N Division Street
Peekskill, Westchester County, NY
NYSDEC BCP (TBD)

Prepared for:

418 North Division Street LLC

February 2026

SESI Project No:
13904

Table of Contents

LIST OF ACRONYMS i
1.0 PROJECT DESCRIPTION 1
1.1 OBJECTIVE 1
1.2 SITE AND FACILITY DESCRIPTION 1
1.3 POLICY STATEMENT 1
1.4 REFERENCES 2
1.5 DEFINITIONS 2
2.0 PROJECT SCOPE OF WORK 3
3.0 ROLES AND RESPONSIBILITIES 3
3.1 ALL PERSONNEL 3
3.2 KEY SAFETY PERSONNEL 3
3.2.1 PROJECT SAFETY OFFICER 3
3.2.2 PROJECT MANAGER (PM) 3
3.2.3 HEALTH AND SAFETY MANAGER (HSM) 4
3.2.4 SITE SAFETY OFFICER (SSO) 4
3.2.5 FIELD SUPERVISOR (FS) 4
3.3 SUBCONTRACTORS 5
3.4 STOP WORK AUTHORITY 5
3.5 ALL ON-SITE PERSONNEL 5
3.6 VISITORS 6
4.0 PERSONAL PROTECTIVE EQUIPMENT 6
4.1 LEVELS OF PROTECTION 6
4.1.1 LEVEL D PROTECTION 6
4.1.2 MODIFIED LEVEL D PROTECTION 7
4.1.3 LEVEL C PROTECTION 7
4.2 SELECTION OF PPE 7
4.3 SITE RESPIRATOR PROTECTION PROGRAM 8
4.4 USING PPE 8
4.4.1 DONNING PROCEDURES 8
4.4.2 DOFFING PROCEDURES 9
4.5 SELECTION MATRIX 9
5.0 AIR AND NOISE MONITORING 10
5.1 AIR MONITORING 10
5.2 NOISE MONITORING 10

5.3 MONITORING EQUIPMENT MAINTENANCE AND CALIBRATION....10
5.4 ACTION LEVELS....11
6.0 WORK ZONES AND DECONTAMINATION....12
6.1 WORK ZONES....12
6.1.1 AUTHORIZATION TO ENTER....12
6.1.2 SITE ORIENTATION AND HAZARD BRIEFING....12
6.1.3 CERTIFICATION DOCUMENTS....12
6.1.4 ENTRY LOG....12
6.1.5 ENTRY REQUIREMENTS....12
6.1.6 EMERGENCY ENTRANCE AND EXIT....12
6.1.7 CONTAMINATION CONTROL ZONES....13
6.1.8 EXCLUSION ZONE (EZ)....13
6.1.9 CONTAMINATION REDUCTION ZONE....13
6.1.10 SUPPORT ZONE (SZ)....13
6.1.11 POSTING....13
6.2 DECONTAMINATION....13
6.2.1 PERSONNEL DECONTAMINATION....13
6.2.2 EQUIPMENT DECONTAMINATION....14
6.2.3 PERSONAL PROTECTIVE EQUIPMENT DECONTAMINATION....14
7.0 TRAINING AND MEDICAL SURVEILLANCE....14
7.1 TRAINING....14
7.1.1 GENERAL....14
7.1.2 BASIC 40-HOUR COURSE....14
7.1.3 SUPERVISOR COURSE....15
7.1.4 SITE-SPECIFIC TRAINING....15
7.1.5 DAILY SAFETY MEETINGS....15
7.1.6 FIRST AID AND CPR....15
7.2 MEDICAL SURVEILLANCE....15
7.2.1 MEDICAL EXAMINATION....15
7.2.2 PRE-PLACEMENT MEDICAL EXAMINATION....16
7.2.3 OTHER MEDICAL EXAMINATIONS....16
7.2.4 PERIODIC EXAM....16
7.2.5 MEDICAL RESTRICTION....17
8.0 GENERAL SAFETY PRACTICES....17
8.1 GENERAL SAFETY RULES....17

8.2 BUDDY SYSTEM 18
8.3 HEAT STRESS....18
8.4 HEAT STRESS SAFETY PRECAUTIONS 20
8.5 COLD STRESS 21
8.6 SAFETY PRECAUTIONS FOR COLD STRESS PREVENTION....22
8.7 SAFE WORK PROCEDURES 23
8.8 BIOLOGICAL HAZARDS....23
8.8.1 TICK BORNE DISEASES....24
8.8.2 POISONOUS PLANTS....24
8.8.3 SNAKES 25
8.8.4 SPIDERS 25
8.9 NOISE 26
8.10 SPILL CONTROL 26
8.11 SANITATION....26
8.11.1 BREAK AREA 26
8.11.2 POTABLE WATER....27
8.11.3 SANITARY FACILITIES 27
8.11.4 LAVATORY....27
8.12 EMERGENCY EQUIPMENT 27
8.13 LOCKOUT/TAGOUT PROCEDURES....27
8.14 ELECTRICAL SAFETY....28
8.15 LIFTING SAFETY....28
8.16 LADDER SAFETY 29
8.17 TRAFFIC SAFETY....30
9.0 SITE-SPECIFIC HAZARDS AND CONTROL MEASURES 31
9.1 EVALUATION OF HAZARDS 31
9.1.1 HAZARD CHARACTERISTICS....31
9.1.2 POTENTIAL HEALTH AND SAFETY HAZARDS 31
9.2 FIELD ACTIVITIES, HAZARDS AND CONTROL PROCEDURES....32
9.2.1 MOBILIZATION/CONSTRUCTION STAKEOUT 32
9.2.2 DEMOLITION/SITE-CLEARING....33
9.2.3 EXCAVATION AND CUT/FILL OPERATIONS 34
9.2.3.1 EXCAVATION TRENCHING....34
9.2.3.2 HEAVY EQUIPMENT OPERATION....35
9.2.3.3 DISTURBANCE/HANDLING OF CONTAMINATED MATERIAL 36

9.2.4 DRILLING/SUBSURFACE INTRUSION ACTIVITIES 37
9.2.5 SUBSURFACE CHEMICAL SAMPLE/COLLECTION ANALYSIS 41
9.2.6 UST CLOSURE 42
9.2.6.1 WORKING IN CONFINED SPACES 42
9.2.6.2 WORKING WITH COMPRESSED AIR 42
9.2.7 DECONTAMINATION 43
9.2.8 DEMOBILIZATION 43
9.3 CHEMICAL HAZARDS 43
10.0 EMERGENCY PROCEDURES 45
10.1 GENERAL 45
10.2 EMERGENCY RESPONSE 45
10.2.1 FIRE 46
10.2.2 CONTAMINANT RELEASE 46
10.3 MEDICAL EMERGENCY 46
10.3.1 EMERGENCY CARE STEPS 46
10.4 FIRST AID GENERAL 47
10.4.1 FIRST AID—INHALATION 47
10.4.2 FIRST AID—INGESTION 47
10.4.3 FIRST AID—SKIN CONTACT 47
10.4.4 FIRST AID—EYE CONTACT 47
10.5 REPORTING INJURIES, ILLNESSES, AND SAFETY INCIDENTS 48
10.6 EMERGENCY INFORMATION 48
10.6.1 DIRECTIONS TO HOSPITAL 48
11.0 LOGS, REPORTS, AND RECORDKEEPING 50
11.1 HASP AND FIELD CHANGE REPORT 50
11.2 MEDICAL AND TRAINING RECORDS 50
11.3 EXPOSURE RECORDS 50
11.4 ACCIDENT/INCIDENT REPORT 50
11.5 OSHA FORM 200 51
11.6 ON-SITE HEALTH AND SAFETY FIELD LOGBOOK 51
11.7 MATERIAL DATA SAFETY SHEETS 51
12.0 COVID RESPONSE ACTION PLAN 51

FIGURES

FIGURE 10.1 NEW YORK-PRESBYTERIAN HUDSON VALLEY HOSPITAL, CORTLANDT MANOR, NY

TABLES

TABLE 3.1 KEY SAFETY PERSONNEL
TABLE 4.1 PPE SELECTION MATRIX
TABLE 5.1 AIRBORNE CONTAMINANT ACTION LEVELS
TABLE 8.1 WORK/REST SCHEDULE
TABLE 8.2 WIND CHILL TEMPERATURE CHART
TABLE 8.3 VOLTAGE VERSUS REQIRED CLEARNACE
TABLE 9.1 LIST OF PRIMARY CONTAMINANTS
TABLE 10.1 EMERGENCY CONTACTS

ATTACHMENTS

ATTACHMENT 1 AIR MONITORING LOG
ATTACHMENT 2 OSHA POSTER
ATTACHMENT 3 HASP FIELD CHANGE REQUEST FORM
ATTACHMENT 4 ACCIDENT/INCIDENT REPORT
ATTACHMENT 5 SIGNATORY PAGE
ATTACHMENT 6 MATERIAL SAFETY DATA SHEETS

Disclaimer: This Health and Safety Plan (HASP) is based upon information provided [and, if applicable, conditions discovered during a site visit], and is limited by the project scope.

The HASP should be periodically reviewed and updated based on a number of factors, including but not limited to: (1) changes in applicable governmental requirements; (2) changes in procedures at the site; and (3) site conditions which were unknown to SESI Consulting Engineers (SESI) as of the time the HASP was prepared.

This HASP has been prepared for the sole and exclusive use of Client listed above, and may not be relied upon by any other person without the express written consent and authorization of SESI.

SITE-SPECIFIC HEALTH AND SAFETY PLAN

For

418 N Division Street
Peekskill, Westchester County, New York

Prepared by: _____ Date: 2/13/2026

MaryKate Chorazak
SESI- Project Manager

Approved by: _____ Date: 2/13/2026

Fuad Dahan. P.E., PhD.
SESI-Principal

LIST OF ACRONYMS

Acronym	Definition
ACGIH	American Conference of Governmental Industrial Hygienists
COC	Contaminants(s) of Concern
CRZ	Contamination Reduction Zone
EMS	Emergency Medical Services
EZ	Exclusion Zone
FS	Field Supervisor
GFCI	Ground Fault Circuit Interrupter
HASP	Health and Safety Plan
HSM	Health and Safety Manager
LEL	Lower Explosive Limit
MSDS	Material Safety Data Sheet
NIOSH	National Institute for Occupational Safety and Health
NRR	Noise Reduction Rating
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyls
PEL	Permissible Exposure Limit
PFD	Personal Flotation Device
PID	Photoionization Detector
PM	Project Manager
PO	Project Officer
PPE	Personal Protective Equipment
PVC	Polyvinyl Chloride
SESI	SESI Consulting Engineers
SSO	Site Safety Officer
SVOC	Semi-Volatile Organic Compound
SZ	Support Zone
TLV	Threshold Limit Value
USCG	United States Coast Guard
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile Organic Compound

1.0 PROJECT DESCRIPTION

1.1 OBJECTIVE

The objective of this Health and Safety Plan (HASP) is to provide a mechanism for establishing safe working conditions during activities at 418 N Division Street, Peekskill, Westchester County, New York (the Site). The safety organization, procedures, and protective equipment have been established based on an analysis of potential physical, chemical, and biological hazards. Specific hazard control methodologies have been evaluated and selected to minimize the potential of injury, illness, or other hazardous incidents.

The HASP was written to meet the requirements of all applicable Federal, State, and local health and safety regulations, including 29 CFR 1910.120. The HASP is based on current knowledge regarding the specific chemical and physical hazards that are known or anticipated at the Site. This HASP is a dynamic document, for which changes and/or revisions may be realized as changes in scope and/or Site conditions are encountered. Should revised documents be produced, said revised documents will refer to the specific changes and why they were made.

1.2 SITE AND FACILITY DESCRIPTION

The Site is located at 418 N Division Street, Peekskill, New York. The Site consists of four (4) parcels totaling 1.07acres of land identified on the Westchester County Assessors map as tax lots 23.78-1-9, 23.78-1-10, 23.78-1-12, and 23.78-1-11. The Site is improved with several commercial buildings and associated driveways and parking areas.

The Site is located in a mixed-use residential and commercial area. The Site is bound to the east by residential properties. The Site is bound to the south by commercial and residential properties, to the west by commercial and residential properties and to the north by residential properties. The closest surface water body is the Hudson River, located approximately 0.6 miles northwest of the Site. The Site topography is generally slopes downward from a high point in the northeastern portion to a low point in the northwestern portion and regionally slopes to the west toward the Hudson River.

1.3 POLICY STATEMENT

The policy of SESI Consulting Engineers (SESI) is to provide a safe and healthful work environment. No aspect of operations is of greater importance than injury and illness prevention. A fundamental principle of safety management is that all injuries, illnesses, and incidents are preventable. SESI will take every reasonable step to eliminate or control hazards in order to minimize the possibility of injury, illness, or incident.

This HASP prescribes the procedures that must be followed by SESI personnel during activities at the Site. Operational changes that could affect the health and safety of personnel, the community, or the environment will not be made without the prior approval of the Project Manager (PM) and the Health and Safety Manager (HSM). This document will be reviewed periodically by the HSM to ensure that it is current and technically correct. Any changes in Site conditions and/or the scope of work will require a review and modification to this HASP. Such changes will be completed in the form of an addendum or a revision to the plan.

The provisions of this plan are mandatory for all SESI personnel and are advisory for all contractors, and subcontractors assigned to the project***. Subcontractors will be responsible for preparing their own Site-specific HASPs that meet the basic requirements outlined in this HASP.*** All visitors to SESI work areas at the Site must abide by the requirements of this plan.

1.4 REFERENCES

This HASP complies with applicable Occupational Safety and Health Administration (OSHA) regulations, United States Environmental Protection Agency (USEPA) regulations, and SESI health and safety policies and procedures. This plan follows the guidelines established in the following:

- *Standard Operating Safety Guides*, USEPA (Publication 9285.1-03, June 1992).
- *Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities*, NIOSH, OSHA, USCG, USEPA (86116, October 1985).
- *Title 29 of the Code of Federal Regulations* (CFR), Part 1910.
- *Title 29 of the Code of Federal Regulations* (CFR), Part 1926.
- *Pocket Guide to Chemical Hazards*, DHHS, PHS, CDC, NIOSH (2004).
- *Threshold Limit Values*, ACGIH (2005).
- *Guide to Occupational Exposure Values*, ACGIH (2005).
- *Quick Selection Guide to Chemical Protective Clothing*, Forsberg, K. and S.Z. Mansdorf, 2nd Ed. (1993).

1.5 DEFINITIONS

The following definitions (listed alphabetically) are applicable to this HASP:

- *Contamination Reduction Zone (CRZ)* - Area between the exclusion zone and support zone that provides a transition between contaminated and clean areas. Decontamination stations are located in this zone.
- *Exclusion Zone (EZ)* - Any portions of the site where hazardous substances are, or are reasonably suspected to be present, and pose an exposure hazard to on-Site personnel.
- *Incident* - All losses, including first aid cases, injuries, illnesses, spills/leaks, equipment and property damage, motor vehicle accidents, regulatory violations, fires, and business interruptions.
- *On-Site Personnel* - All SESI and subcontractors involved with the project.
- *Project* - All on-site work performed under the scope of work.
- *Site* - The area described in Section 1.2, Site and Facility Description, where the work is to be performed by SESI personnel and subcontractors.
- *Support Zone (SZ)* - All areas of the Site except the EZ and CRZ. The SZ surrounds the CRZ and EZ. Support equipment and break areas are located in this zone.
- *Subcontractor* - Includes contractor personnel hired by SESI.
- *Visitor* - All other personnel, except the on-Site personnel.

Work Area - The portion of the Site where work activities are actively being performed. This area may change daily as work progresses and includes the SZ, CRZ, and EZ. If the work area is located in an area on the Site that is not contaminated, or suspected of being contaminated, the entire work area may be a SZ.

2.0 PROJECT SCOPE OF WORK

This HASP contains information for the following tasks that SESI is anticipated to conduct at the Site. Should additional and/or different tasks be identified, amendments to this HASP will be required to address these changed items.

- Mobilization;
- Excavation of Contaminated Soil;
- End Point Chemical Sampling of Soil;
- Installation of a Vapor Barrier for Buildings;
- Groundwater Sampling;
- Decontamination and Demobilization.

3.0 ROLES AND RESPONSIBILITIES

3.1 ALL PERSONNEL

All SESI project personnel must adhere to the procedures outlined in this HASP during the performance of their work. Each person is responsible for completing tasks safely and reporting any unsafe acts or conditions to their supervisor. No person may work in a manner that conflicts with these procedures. After due warnings, the PM will dismiss from the site any SESI employee or subcontractor who violates safety procedures.

All SESI project personnel will receive training in accordance with applicable regulations and be familiar with the requirements and procedures contained in this HASP prior to initiating site activities. In addition, all SESI personnel will attend an initial hazard briefing prior to beginning work at the Site.

The roles of key safety personnel and subcontractors are outlined in the following sections. Key project personnel and contacts are summarized in **Table 3.1**.

3.2 KEY SAFETY PERSONNEL

3.2.1 PROJECT SAFETY OFFICER

The PO is responsible for providing resources to assure project activities are completed in accordance with this HASP, and for meeting all regulatory and contractual requirements.

3.2.2 PROJECT MANAGER (PM)

The PM is responsible for verifying that project activities are completed in accordance with the requirements of this HASP. The PM is responsible for confirming that the Field Supervisor (FS) has the equipment, materials, and qualified personnel to fully implement the safety requirements of this HASP, and/or that subcontractors assigned to this project meet the requirements established by SESI. It is also the responsibility of the PM to:

- Consult with the HSM on Site health and safety issues;
- Verify that subcontractors meet health and safety requirements prior to commencing work;
- Verify that all incidents are thoroughly investigated;

- Approve, in writing, addenda or modifications of this HASP; and
- Suspend work or modify work practices, as necessary, for personal safety, protection of property, and regulatory compliance.

3.2.3 HEALTH AND SAFETY MANAGER (HSM)

The HSM or his designee has overall responsibility for the technical health and safety aspects of the project, including review and approval of this HASP. Inquiries regarding health and safety procedures, project procedures, and other technical or regulatory issues should be addressed to this individual. The HSM or his designee must approve changes or addenda to this HASP.

3.2.4 SITE SAFETY OFFICER (SSO)

The SSO is responsible for field health and safety issues, including the execution of this HASP. Questions in the field regarding health and safety procedures, project procedures, and other technical or regulatory issues should be addressed to this individual. The SSO will advise the PM on health and safety issues and will establish and coordinate the project air-monitoring program if one is deemed necessary (see Section 5.1, Air Monitoring). The SSO is the primary Site contact on health and safety matters. It is the responsibility of the SSO to:

- Provide on-Site technical assistance, if necessary;
- Participate in all accident/incident reports and ensure that they are reported to the HSM, client, and PM within 24 hours;
- Coordinate Site and personal air monitoring as required, including equipment maintenance and calibration;
- Conduct Site safety orientation training and safety meetings;
- Verify that project personnel have received the required physical examinations and medical certifications;
- Review Site activities with respect to compliance with this HASP;
- Maintain required health and safety documents and records; and
- Assist the FS in instructing field personnel on project hazards and protective procedures.

3.2.5 FIELD SUPERVISOR (FS)

The FS is responsible for implementing this HASP, including communicating requirements to on-Site personnel and subcontractors. The FS will be responsible for informing the PM of changes in the work plan, procedures, or Site conditions so that those changes may be addressed in this HASP. Other responsibilities are to:

- Consult with the SSO on Site health and safety issues;
- Stop work, as necessary, for personal safety, protection of property, and regulatory compliance;
- Obtain a Site map and determine and post routes to medical facilities and emergency telephone numbers;
- Notify local public emergency representatives (as appropriate) of the nature of the Site operations, and post their telephone numbers (i.e., local fire department personnel who would respond for a confined space rescue);
- Observe on-Site project personnel for signs of ill health effects;
- Investigate and report any incidents to the SSO;

- Verify that all on-Site personnel have had applicable training;
- Verify that on-Site personnel are informed of the physical, chemical, and biological hazards associated with the Site activities, and the procedures and protective equipment necessary to control the hazards; and

Issue/obtain any required work permits (hot work, confined space, etc.)

3.3 SUBCONTRACTORS

Subcontractors and their personnel must understand and comply with applicable regulations and Site requirements established in this HASP. Subcontractors will prepare their own Site-specific HASP that must be consistent with the requirements of this HASP.

All subcontractor personnel will receive training in accordance with applicable regulations and be familiar with the requirements and procedures contained in this HASP prior to initiating Site activities. All subcontractor personnel will attend an initial hazard briefing prior to beginning work at the Site. Additionally, on-Site subcontractor personnel must conduct daily Site safety meetings.

Subcontractors must designate individuals to function as the PM, HSM, SSO, and FS. In some firms the HSM to be carried out by the PM. This is acceptable provided the PM has the required knowledge, training, and experience to properly address all hazards associated with the work, and to prepare, approve, and oversee the execution of the Site-specific HASP. A subcontractor may designate the same person to perform the duties of both the SSO and the FS. However, depending on the level of complexity of a contractor's scope of work, it may be infeasible for one person to perform both functions satisfactorily.

3.4 STOP WORK AUTHORITY

Every SESI employee and subcontractor is empowered, expected, and has the responsibility to stop the work of another co-worker if the working conditions or behaviors are considered unsafe.

3.5 ALL ON-SITE PERSONNEL

All on-Site SESI personnel (including SESI subcontractors) must read and acknowledge their understanding of their respective HASPs before commencing work and abide by the requirements of the plans. All on-Site SESI personnel shall sign their HASP Acknowledgement Form following their review of their HASP.

All SESI project personnel will receive training in accordance with applicable regulations and be familiar with the requirements and procedures contained in this HASP prior to initiating Site activities. In addition, all on-Site personnel will attend an initial hazard briefing provided by the SSO prior to beginning work at the Site and conduct daily safety meetings thereafter.

On-Site personnel will immediately report the following to the FS or SSO:

- Personal injuries and illnesses no matter how minor;
- Unexpected or uncontrolled release of chemical substances;

- Symptoms of chemical exposure;
- Unsafe or hazardous situations;
- Unsafe or malfunctioning equipment;
- Changes in site conditions that may affect the health and safety of project personnel;
- Damage to equipment or property; and

Situations or activities for which they are not properly trained.

3.6 VISITORS

All SESI personnel and subcontractors visiting the Site must check in with the FS. Visitors will be cautioned to avoid skin contact with surfaces, soils, groundwater, or other materials that may impacted or be suspected to be impacted by contaminants of concern (COCs).

Visitors requesting to observe work at the site must don appropriate personal protective equipment (PPE) prior to entry to the work area and must have the appropriate training and medical clearances to do so. If respiratory protective devices are necessary, visitors who wish to enter the work area must have been respirator-trained and fit tested for a respirator within the past 12 months.

Table 3.1 – Key Safety Personnel

SESI Personnel		
Role	**Name**	**Telephone No.**
Project Principal	Fuad Dahan, P.E., PhD	973-808-9050 x249
Project Manager (PM)	Sheng Long	973-808-9050 x278
Principal Engineer	Fuad Dahan, P.E., PhD	973-808-9050 x249
Remedial Investigation Project Manager	MaryKate Chorazak	973-808-9050 x283
Field Team Leader	TBD	973-600-7630
Quality Assurance Officer	Joe Scardino	973-808-9050 x267
Field Personnel	TBD	

4.0 PERSONAL PROTECTIVE EQUIPMENT

4.1 LEVELS OF PROTECTION

PPE is required to safeguard site personnel from various hazards. Varying levels of protection may be required depending on the levels of COCs and the degree of physical hazard. This section presents the various levels of protection and defines the conditions of use for each level. A summary of the levels is presented in **Table 4.1**.

4.1.1 LEVEL D PROTECTION

The minimum level of protection that will be required of project personnel at the site will be Level D, which will be worn when site conditions or air monitoring indicates no inhalation hazard exists. The following equipment will be used:

- Work clothing as prescribed by weather;
- Steel toe work boots, meeting American National Standards Institute (ANSI) Z41;

- Safety glasses or goggles, meeting ANSI Z87;
- Leather work gloves and/or nitrile surgical gloves;
- Hard hat, meeting ANSI Z89, when falling object hazards are present;
- Hearing protection (if noise levels exceed 85 dBA, then hearing protection with a USEPA NRR of at least 20 dBA must be used); and

Personal floatation device (PFD) if working on or near the water.

4.1.2 MODIFIED LEVEL D PROTECTION

Modified Level D will be used when airborne contaminants are not present at levels of concern, but site activities present an increased potential for skin contact with contaminated materials. Modified Level D consists of:

- Nitrile gloves worn over nitrile surgical gloves;
- Latex/polyvinyl chloride (PVC) overboots when contact with COC-impacted media is anticipated;
- Steel toe work boots, meeting ANSI Z41;
- Safety glasses or goggles, meeting ANSI Z87;
- Face shield in addition to safety glasses or goggles when projectiles or splash hazards exist (e.g. during Power Washing activities);
- Hard hat, meeting ANSI Z89, when falling object hazards are present;
- Hearing protection (if noise levels exceed 85 dBA, then hearing protection with a USEPA NRR of at least 20 dBA must be used);
- Tyvek® suit (polyethylene coated Tyvek® suits for handling liquids) when body contact with COC-impacted media is anticipated; and
- PFD if working on or near the water.

4.1.3 LEVEL C PROTECTION

Level C protection will be required when the airborne concentration of COC reaches one-half of the OSHA Permissible Exposure Limit or ACGIH TLV. The following equipment will be used for Level C protection:

- Full-face, air-purifying respirator with combination organic vapor/HEPA cartridges;
- Polyethylene-coated Tyvek® suit, with ankles and cuffs taped to boots and gloves;
- Nitrile gloves worn over nitrile surgical gloves;
- Steel toe work boots, meeting ANSI Z41;
- Chemical-resistant boots with steel toes or latex/PVC overboots over steel toe boots;
- Hard hat, meeting ANSI Z89;
- Hearing protection (if noise levels exceed 85 dBA, then hearing protection with a USEPA NRR of at least 20 dBA must be used); and
- PFD if working on or near the water.

4.2 SELECTION OF PPE

Equipment for personal protection will be selected based on the potential for contact, site conditions, ambient air quality, and the judgment of supervising Site personnel and health and

safety professionals. The PPE used will be chosen to be effective against the COCs present on the Site.

4.3 SITE RESPIRATOR PROTECTION PROGRAM

Respiratory protection is an integral part of employee health and safety at the Site due to potentially hazardous concentrations of airborne COCs. The Site respiratory protection program will consist of the following (as a minimum):

- All on-Site personnel who may use respiratory protection will have an assigned respirator.
- All on-Site personnel who may use respiratory protection will have been fit tested and trained in the use of a full-face air-purifying respirator within the past 12 months. Documentation of the fit test must be provided to the SSO prior to commencement of work.
- All on-Site personnel who may use respiratory protection must within the past year have been medically certified as being capable of wearing a respirator. Documentation of the medical certification must be provided to the SSO, prior to commencement of Site work.
- Only cleaned, maintained, NIOSH-approved respirators will be used.
- If respirators are used, the respirator cartridge is to be properly disposed of at the end of each work shift, or when load-up or breakthrough occurs.
- Contact lenses are not to be worn when a respirator is worn.
- All on-Site personnel who may use respiratory protection must be clean-shaven. Mustaches and sideburns are permitted, but they must not touch the sealing surface of the respirator.
- Respirators will be inspected, and a negative pressure test performed prior to each use.

After each use, the respirator will be wiped with a disinfectant, cleansing wipe. When used, the respirator will be thoroughly cleaned at the end of the work shift. The respirator will be stored in a clean plastic bag, away from direct sunlight in a clean, dry location, in a manner that will not distort the face piece.

4.4 USING PPE

Depending upon the level of protection selected, specific donning and doffing procedures may be required. The procedures presented in this section are mandatory if Modified Level D or Level C PPE is used. All personnel entering the EZ must put on the required PPE in accordance with the requirements of this HASP. When leaving the EZ, PPE will be removed in accordance with the procedures listed, to minimize the spread of COCs.

4.4.1 DONNING PROCEDURES

These procedures are mandatory only if Modified Level D or Level C PPE is used on the Site:

- Remove bulky outerwear. Remove street clothes and store in clean location;
- Put on work clothes or coveralls;
- Put on the required chemical protective coveralls;
- Put on the required chemical protective boots or boot covers;
- Tape the legs of the coveralls to the boots with duct tape;

- Put on the required chemical protective gloves;
- Tape the wrists of the protective coveralls to the gloves;
- Don the required respirator and perform appropriate fit check (Level C);
- Put hood or head covering over-head and respirator straps and tape hood to facepiece (Level C); and
- Don remaining PPE, such as safety glasses or goggles and hard hat.

When these procedures are instituted, one person must remain outside the work area to ensure that each person entering has the proper protective equipment.

4.4.2 DOFFING PROCEDURES

The following procedures are only mandatory if Modified Level D or Level C PPE is required for the Site. Whenever a person leaves the work area, the following decontamination sequence will be followed:

- Upon entering the CRZ, rinse contaminated materials from the boots or remove contaminated boot covers;
- Clean reusable protective equipment;
- Remove protective garments, equipment, and respirator (Level C). All disposable clothing should be placed in plastic bags, which are labeled with contaminated waste labels;
- Wash hands, face, and neck (or shower if necessary);
- Proceed to clean area and dress in clean clothing; and
- Clean and disinfect respirator for next use.

All disposable equipment, garments, and PPE must be bagged in plastic bags, labeled for disposal. See Section 6.2, Decontamination, for detailed information on decontamination stations.

4.5 SELECTION MATRIX

The level of personal protection selected will be based on air monitoring of the work environment and an assessment by the FS and SSO of the potential for skin contact with COCs. The PPE selection matrix is presented in **Table 4.1** below. This matrix is based on information available at the time this plan was written. The Airborne Contaminant Action Levels in **Table 5.1**, Airborne Contaminant Action Levels, should be used to verify that the PPE prescribed in these matrices is appropriate.

Table 4.1 – PPE Selection Matrix

Task	Anticipated Level of Protection
Mobilization	Level D
Subsurface Intrusive Activities (Excavation, Drilling)	Modified Level D/Level C
Earthwork/Grading	Level D
Chemical Sampling / Delineation	Modified Level D/Level C
Decontamination	Modified Level D
Demobilization	Level D

5.0 AIR AND NOISE MONITORING

5.1 AIR MONITORING

Air monitoring, sampling, and testing will be conducted to determine employee exposure to airborne constituents. The monitoring results will dictate work procedures and the selection of PPE. The SESI SSO will be responsible for defining appropriate air monitoring procedures and for utilizing the air monitoring results to determine appropriate procedures and PPE for project personnel. Air monitoring results should be recorded in field notebooks or on an air monitoring log (see Attachment 1 for a copy of the Air Monitoring Log). Any deviations from the procedures listed here should be documented and explained in the Air Monitoring Log.

The monitoring devices to be used are a PDR1000 particulate monitor (or equivalent) and a Rae Systems MultiRAE detector (PID with a 11.7 eV lamp/oxygen/LEL/hydrogen sulfide sensors). Colorimetric detector tubes may be utilized to estimate airborne concentrations of benzene and should be onsite during any activities that may result in elevated PID readings including drilling, excavating, and groundwater sampling.

Air monitoring will be conducted continuously with the LEL/Oxygen meter during drilling in areas where flammable vapors or gases are suspect. All work activity must stop where tests indicate the concentration of flammable vapors exceeds 10% of the LEL at a location with a potential ignition source. Such an area must be ventilated to reduce the concentration to an acceptable level.

5.2 NOISE MONITORING

Noise monitoring may be conducted as required. Hearing protection is mandatory for all employees in noise hazardous areas, such as around heavy equipment. As a general rule, sound levels that cause speech interference at normal conversation distance should require the use of hearing protection.

5.3 MONITORING EQUIPMENT MAINTENANCE AND CALIBRATION

All direct-reading instrumentation calibrations should be conducted under the approximate environmental conditions the instrument will be used. Instruments must be calibrated before and after use, noting the reading(s) and any adjustments that are necessary. All air monitoring equipment calibrations, including the standard used for calibration, must be documented on a calibration log or in the field notebook. All completed health and safety documentation/forms must be reviewed by the SSO and maintained by the FS.

All air monitoring equipment will be maintained and calibrated in accordance with the specific manufacturer's procedures. Preventive maintenance and repairs will be conducted in accordance with the respective manufacturer's procedures. When applicable, only manufacturer-trained and/or authorized personnel will be allowed to perform instrument repairs or preventive maintenance.

If an instrument is found to be inoperative or suspected of giving erroneous readings, the SSO must be responsible for immediately removing the instrument from service and obtaining a replacement unit. If the instrument is essential for safe operation during a specific activity, that activity must cease until an appropriate replacement unit is obtained. The SSO will be responsible for ensuring a replacement unit is obtained and/or repairs are initiated on the defective equipment.

5.4 ACTION LEVELS

Table 5.1 below presents airborne contaminant action levels that will be used to determine the procedures and protective equipment necessary based on conditions as measured at the Site.

Table 5.1 – Airborne Contaminant Action Levels

Parameter	Reading	Action
Total Hydrocarbons	0 ppm to ≤ 1 ppm	Normal operations; continue hourly breathing zone monitoring
	> 1 ppm to 5 ppm	Increase monitoring frequency to every 15 minutes and use benzene detector tube to screen for the presence of benzene
	≥ 5 ppm to ≤ 50 ppm	Upgrade to Level C PPE; continue screening for benzene
	> 50 ppm	Stop work; investigate cause of reading
	At any reading > 5 ppm	Monitor perimeter per CAMP
Benzene	≥ 1 ppm to 5 ppm	Upgrade to Level C PPE
	> 5 ppm	Stop work; investigate cause of reading
Dust	0 to .05 mg/m3	Normal operations
	0.05 to 0.1 mg/m3	Begin soil wetting procedure (Level C protection would be needed beyond this point)
	> 0.15 mg/m3	Stop work, fully implement dust control plan
Oxygen	≤ 19.5%	Stop work, evacuate confined spaces/work area, investigate cause of reading, and ventilate area
	> 19.5% to < 23.5%	Normal operations
	≥ 23.5%	Stop work, evacuate confined spaces/work area, investigate cause of reading, and ventilate area
Carbon Monoxide	0 ppm to ≤ 20 ppm	Normal operations
	> 20 ppm	Stop work, evacuate confined spaces/work area, investigate cause of reading, and ventilate area
Hydrogen Sulfide	0 ppm to ≤ 5 ppm	Normal operations
	> 5 ppm	Stop work, evacuate confined spaces/work area, investigate cause of reading, and ventilate area
Flammable Vapors (LEL)	< 10% LEL	Normal operations
	≥ 10% LEL	Stop work, ventilate area, investigate source of vapors

6.0 WORK ZONES AND DECONTAMINATION

6.1 WORK ZONES

6.1.1 AUTHORIZATION TO ENTER

Only personnel with the appropriate training and medical certifications (if respirators are required) will be allowed to work at the project Site. The FS will maintain a list of authorized persons; only personnel on the authorized persons list will be allowed to enter the Site work areas.

6.1.2 SITE ORIENTATION AND HAZARD BRIEFING

No person will be allowed in the work area during Site operations without first being given a Site orientation and hazard briefing. This orientation will be presented by the FS or SSO and will consist of a review of this HASP. This review must cover the chemical, physical, and biological hazards, protective equipment, safe work procedures, and emergency procedures for the project. Following this initial meeting, daily safety meetings will be held each day before work begins.

All people entering the Site work areas, including visitors, must document their attendance at this briefing, as well as the daily safety meetings on the forms included with this plan.

6.1.3 CERTIFICATION DOCUMENTS

A training and medical file may be established for the project and kept on Site during all Site operations. Specialty training, such as first aid/cardiopulmonary resuscitation (CPR) certificates, as well as current medical clearances for all project field personnel required to wear respirators, will be maintained within that file. All project personnel must provide their training and medical documentation to the SSO prior to starting work.

6.1.4 ENTRY LOG

A log-in/log-out sheet will be maintained at the Site by the FS. Personnel must sign in and out on a log sheet as they enter and leave the work area, and the FS may document entry and exit in the field notebook.

6.1.5 ENTRY REQUIREMENTS

In addition to the authorization, hazard briefing, and certification requirements listed above, no person will be allowed in any SESI work area unless they are wearing the minimum PPE as described in Section 4.0.

6.1.6 EMERGENCY ENTRANCE AND EXIT

People who must enter the work area on an emergency basis will be briefed of the hazards by the FS or SSO. All activities will cease in the event of an emergency. People exiting the work area because of an emergency will gather in a designated safe area for a head count. The FS is responsible for ensuring that all people who entered the work area have exited in the event of an emergency.

6.1.7 CONTAMINATION CONTROL ZONES

Contamination control zones are maintained to prevent the spread of contamination and to prevent unauthorized people from entering hazardous areas.

6.1.8 EXCLUSION ZONE (EZ)

An EZ may consist of a specific work area or may be the entire area of potential contamination. All employees entering an EZ must use the required PPE and must have the appropriate training and medical clearance for hazardous waste work. The EZ is the defined area where there is a possible respiratory and/or contact health hazard. Cones, caution tape, or a posted Site diagram will identify the location of each EZ.

6.1.9 CONTAMINATION REDUCTION ZONE

The CRZ or transition area will be established, if necessary, to perform decontamination of personnel and equipment. All personnel entering or leaving the EZ will pass through this area to prevent any cross-contamination. Tools, equipment, and machinery will be decontaminated in a specific location. The decontamination of all personnel will be performed on Site adjacent to the EZ. Personal protective outer garments and respiratory protection will be removed in the CRZ and prepared for cleaning or disposal. This zone is the only appropriate corridor between the EZ and the support zone discussed below.

6.1.10 SUPPORT ZONE (SZ)

The SZ is a clean area outside the CRZ located to prevent employee exposure to hazardous substances. Eating and drinking will be permitted in the support area only after proper decontamination. Smoking may be permitted in the SZ, subject to Site requirements.

6.1.11 POSTING

Work areas will be prominently marked and delineated using cones, caution tape, or a posted Site diagram.

6.2 DECONTAMINATION

6.2.1 PERSONNEL DECONTAMINATION

All personnel wearing Modified Level D or Level C protective equipment in the EZ must undergo personal decontamination prior to entering the SZ. The personnel decontamination area will consist of the following stations at a minimum:

- *Station 1*: Personnel leaving the contaminated zone will remove the gross contamination from their outer clothing and boots.
- *Station 2*: Personnel will remove their outer garment and gloves and dispose of it in properly labeled containers. Personnel will then decontaminate their hard hats, and boots with an aqueous solution of detergent or other appropriate cleaning solution. These items are then hand carried to the next station.
- *Station 3*: Personnel will thoroughly wash their hands and face before leaving the CRZ. Respirators will be sanitized and then placed in a clean plastic bag.

6.2.2 EQUIPMENT DECONTAMINATION

All vehicles that have entered the EZ will be decontaminated at the decontamination pad prior to leaving the zone. If the level of vehicle contamination is low, decontamination may be limited to rinsing of tires and wheel wells with water. If the vehicle is significantly contaminated, steam cleaning or pressure washing of vehicles and equipment may be required.

6.2.3 PERSONAL PROTECTIVE EQUIPMENT DECONTAMINATION

Where and whenever possible, single-use, external protective clothing must be used for work within the EZ or CRZ. This protective clothing must be disposed of in properly labeled containers. Reusable protective clothing will be rinsed at the Site with detergent and water. The rinsate will be collected for disposal.

When removed from the CRZ, the respirator will be thoroughly cleaned with soap and water. The respirator face piece, straps, valves, and covers must be thoroughly cleaned at the end of each work shift, and ready for use prior to the next shift. Respirator parts may be disinfected with a solution of bleach and water (mixed at 2% bleach by volume), or by using a spray disinfectant.

7.0 TRAINING AND MEDICAL SURVEILLANCE

7.1 TRAINING

7.1.1 GENERAL

All on-Site project personnel who work in areas where they may be exposed to Site contaminants must be trained as required by OSHA Regulation 29 CFR 1910.120 (HAZWOPER). Field employees also must receive a minimum of three (3) days of actual field experience under the direct supervision of a trained, experienced supervisor. Personnel who completed their initial training more than 12 months prior to the start of the project must have completed an eight (8)-hour refresher course within the past 12 months. The FS must have completed an additional eight (8) hours of supervisory training and must have a current first-aid/CPR certificate (See Attachment 2).

7.1.2 BASIC 40-HOUR COURSE

The following is a list of the topics typically covered in a 40-hour HAZWOPER training course:

- General safety procedures;
- Physical hazards (fall protection, noise, heat stress, cold stress);
- Names and job descriptions of key personnel responsible for site health and safety;
- Safety, health, and other hazards typically present at hazardous waste sites;
- Use, application, and limitations of PPE;
- Work practices by which employees can minimize risks from hazards;
- Safe use of engineering controls and equipment on site;
- Medical surveillance requirements;
- Recognition of symptoms and signs which might indicate overexposure to hazards;
- Worker right-to-know (Hazard Communication OSHA 1910.1200);
- Routes of exposure to contaminants;

- Engineering controls and safe work practices;
- Components of a health and safety program and a site-specific HASP;
- Decontamination practices for personnel and equipment;
- Confined-space entry procedures; and
- General emergency response procedures.

7.1.3 SUPERVISOR COURSE

Management and supervisors must receive an additional eight (8) hours of training, which typically includes:

- General Site safety and health procedures;
- PPE programs; and
- Air monitoring techniques

7.1.4 SITE-SPECIFIC TRAINING

Site-specific training will be accomplished by on-Site personnel reading this HASP, and through a thorough site briefing by the PM, FS, or SSO on the contents of this HASP before work begins. The review must include a discussion of the chemical, physical, and biological hazards; the protective equipment and safety procedures; and emergency procedures.

7.1.5 DAILY SAFETY MEETINGS

Daily safety meetings will be held to cover the work to be accomplished, the hazards anticipated, the PPE and procedures required to minimize site hazards, and emergency procedures. The FS or SSO should present these meetings prior to beginning the day's fieldwork. No work will be performed in an EZ before a daily safety meeting has been held. An additional safety meeting must also be held prior to new tasks, or if new hazards are encountered. The daily safety meetings will be logged in the field notebook.

7.1.6 FIRST AID AND CPR

At least one (1) employee current in first aid/CPR will be assigned to the work crew and will be on the Site during operations. Site records will document the presence of this individual. Refresher training in first aid (triennially) and CPR (annually) is required to keep the certificate current. These individuals must also receive training regarding the precautions and protective equipment necessary to protect against exposure to blood-borne pathogens.

7.2 MEDICAL SURVEILLANCE

7.2.1 MEDICAL EXAMINATION

All personnel who are potentially exposed to Site contaminants must participate in a medical surveillance program as defined by OSHA at 29 CFR 1910.120 (f).

7.2.2 PRE-PLACEMENT MEDICAL EXAMINATION

All potentially exposed personnel must have completed a comprehensive medical examination prior to assignment, and periodically thereafter as defined by applicable regulations. The pre-placement and periodic medical examinations typically include the following elements:

- Medical and occupational history questionnaire;
- Physical examination;
- Complete blood count, with differential;
- Liver enzyme profile;
- Chest X-ray, at a frequency determined by the physician;
- Pulmonary function test;
- Audiogram;
- Electrocardiogram for persons older than 45 years of age, or if indicated during the physical examination;
- Drug and alcohol screening, as required by job assignment;
- Visual acuity; and
- Follow-up examinations, at the discretion of the examining physician or the corporate medical director.

The examining physician provides the employee with a letter summarizing his findings and recommendations, confirming the worker's fitness for work and ability to wear a respirator. Documentation of medical clearance will be available for each employee during all project Site work.

Subcontractors will certify that all their employees have successfully completed a physical examination by a qualified physician. The physical examinations must meet the requirements of 29 CFR 1910.120 and 29 CFR 1910.134. Subcontractors will supply copies of the medical examination certificate for each on-site employee.

7.2.3 OTHER MEDICAL EXAMINATIONS

In addition to pre-employment, annual, and exit physicals, personnel may be examined:

- At employee request after known or suspected exposure to toxic or hazardous materials; and
- At the discretion of the SSO, HSM, or occupational physician in anticipation of, or after known or suspected exposure to toxic or hazardous materials.

7.2.4 PERIODIC EXAM

Following the placement examination, all employees must undergo a periodic examination, similar in scope to the placement examination. For employees potentially exposed over 30 days per year, the frequency of periodic examinations will be annual. For employees potentially exposed less than 30 days per year, the frequency for periodic examinations will be 24 months.

7.2.5 MEDICAL RESTRICTION

When the examining physician identifies a need to restrict work activity, the employee's supervisor must communicate the restriction to the employee and the SSO. The terms of the restriction will be discussed with the employee and the supervisor.

8.0 GENERAL SAFETY PRACTICES

8.1 GENERAL SAFETY RULES

General safety rules for site activities include, but are not limited to, the following:

- At least one copy of this HASP must be in a location at the Site that is readily available to personnel, and all project personnel shall review the plan prior to starting work.
- Consume or use food, beverages, chewing gum, and tobacco products only in the SZ or other designated area outside the EZ and CRZ. Cosmetics shall not be applied in the EZ or CRZ.
- Wash hands before eating, drinking, smoking, or using toilet facilities.
- Wear all PPE as required and stop work and replace damaged PPE immediately.
- Secure disposable coveralls, boots, and gloves at the wrists and legs and ensure closure of the suit around the neck.
- Upon skin contact with materials that may be impacted by COCs, remove contaminated clothing and wash the affected area immediately. Contaminated clothing must be changed. Any skin contact with materials potentially impacted by COCs must be reported to the FS or SSO immediately. If needed, medical attention should be sought.
- Practice contamination avoidance. Avoid contact with surfaces either suspected or known to be impacted by COCs, such as standing water, mud, or discolored soil. Equipment must be stored on elevated or protected surfaces to reduce the potential for incidental contamination.
- Remove PPE as required in the CRZ to limit the spread of COC-containing materials.
- At the end of each shift or as required, dispose of all single-use coveralls, soiled gloves, and respirator cartridges in designated receptacles designated for this purpose.
- Removing soil containing Site COCs from protective clothing or equipment with compressed air, shaking, or any other means that disperses contaminants into the air is prohibited.
- Inspect all non-disposable PPE for contamination in the CRZ. Any PPE found to be contaminated must be decontaminated or disposed of appropriately.
- Recognize emergency signals used for evacuation, injury, fire, etc.
- Report all injuries, illnesses, and unsafe conditions or work practices to the FS or SSO.
- Use the "buddy system" during all operations requiring Level C PPE, and when appropriate, during Modified Level D operations.
- Obey all warning signs, tags, and barriers. Do not remove any warnings unless authorized to do so.
- Use, adjust, alter, and repair equipment only if trained and authorized to do so, and in accordance with the manufacturer's directions.
- Personnel are to perform only tasks for which they have been properly trained and will advise their supervisor if they have been assigned a task for which they are not trained.
- The presence or consumption of alcoholic beverages or illicit drugs during the workday, including breaks, is strictly prohibited. Notify your supervisor if you must take prescription

or over-the-counter drugs that indicate they may cause drowsiness or, that you should not operate heavy equipment.
- Remain upwind during site activities whenever possible.

8.2 BUDDY SYSTEM

On-Site personnel must use the buddy system as required by operations. Use of the "buddy system" is required during all operations requiring Level C to Level A PPE, and when appropriate, during Level D operations. Crewmembers must observe each other for signs of chemical exposure, and heat or cold stress. Indications of adverse effects include, but are not limited to:

- Changes in complexion and skin coloration;
- Changes in coordination;
- Changes in demeanor;
- Excessive salivation and pupillary response; and
- Changes in speech pattern.

Crewmembers must also be aware of the potential exposure to possible safety hazards, unsafe acts, or non-compliance with safety procedures.

Field personnel must inform their partners or fellow crewmembers of non-visible effects of exposure to toxic materials that they may be experiencing. The symptoms of such exposure may include, but are not limited to:

- Headaches;
- Dizziness;
- Nausea;
- Blurred vision;
- Cramps; and
- Irritation of eyes, skin, or respiratory tract.

If protective equipment or noise levels impair communications, prearranged hand signals must be used for communication. Personnel must stay within line of sight of another team member.

8.3 HEAT STRESS

Heat stress is caused by a number of interacting factors, including environmental conditions, clothing, workload, etc., as well as the physical and conditioning characteristics of the individual. Since heat stress is one of the most common illnesses associated with heavy outdoor work conducted with direct solar load and, in particular, because wearing PPE can increase the risk of developing heat stress, workers must be capable of recognizing the signs and symptoms of heat-related illnesses. Personnel must be aware of the types and causes of heat-related illnesses and be able to recognize the signs and symptoms of these illnesses in both themselves and their co-workers.

Heat rashes are one of the most common problems in hot work environments. Commonly known as prickly heat, a heat rash is manifested as red papules and usually appears in areas where the clothing is restrictive. As sweating increases, these papules give rise to a prickling sensation. Prickly heat occurs in skin that is persistently wetted by unevaporated sweat, and heat rash papules may become infected if they are not treated. In most cases, heat rashes will disappear when the affected individual returns to a cool environment.

Heat cramps are usually caused by performing hard physical labor in a hot environment. These cramps have been attributed to an electrolyte imbalance caused by sweating. It is important to understand that cramps can be caused both by too much or too little salt.

Cramps appear to be caused by the lack of water replenishment. Because sweat is a hypotonic solution (plus or minus 0.3% NaCl), excess salt can build up in the body if the water lost through sweating is not replaced. Thirst cannot be relied on as a guide to the need for water; instead, water must be taken every 15 to 20 minutes in hot environments.

Under extreme conditions, such as working for six (6) to eight (8) hours in heavy protective gear, a loss of sodium may occur. Drinking commercially available carbohydrate electrolyte replacement liquids is effective in minimizing physiological disturbances during recovery.

Heat exhaustion occurs from increased stress on various body organs due to inadequate blood circulation, cardiovascular insufficiency, or dehydration. Signs and symptoms include pale, cool, moist skin; heavy sweating; dizziness; nausea; headache, vertigo, weakness, thirst, and giddiness. Fortunately, this condition responds readily to prompt treatment.

Heat exhaustion should not be dismissed lightly, however, for several reasons. One is that the fainting associated with heat exhaustion can be dangerous because the victim may be operating machinery or controlling an operation that should not be left unattended; moreover, the victim may be injured when he or she faints. Also, the signs and symptoms seen in heat exhaustion are similar to those of heat stroke, which is a medical emergency.

Workers suffering from heat exhaustion should be removed from the hot environment, be given fluid replacement, and be encouraged to get adequate rest.

Heat stroke is the most serious form of heat stress. Heat stroke occurs when the body's system of temperature regulation fails and the body's temperature rises to critical levels. This condition is caused by a combination of highly variable factors, and its occurrence is difficult to predict. Heat stroke is a medical emergency. The primary signs and symptoms of heat stroke are confusion; irrational behavior; loss of consciousness; convulsions; a lack of sweating (usually); hot, dry skin; and an abnormally high body temperature, e.g., a rectal temperature of 41°C (105.8°F). If body temperature is too high, it causes death. The elevated metabolic temperatures caused by a combination of workload and environmental heat load, both of which contribute to heat stroke, are also highly variable and difficult to predict.

If a worker shows signs of possible heat stroke, professional medical treatment should be obtained immediately. The worker should be placed in a shady area and the outer clothing should

be removed. The worker's skin should be wetted and air movement around the worker should be increased to improve evaporative cooling until professional methods of cooling are initiated and the seriousness of the condition can be assessed. Fluids should be replaced as soon as possible. The medical outcome of an episode of heat stroke depends on the victim's physical fitness and the timing and effectiveness of first aid treatment.

Regardless of the worker's protestations, no employee suspected of being ill from heat stroke should be sent home or left unattended unless a physician has specifically approved such an order.

Proper training and preventive measures will help avert serious illness and loss of work productivity. Preventing heat stress is particularly important because once someone suffers from heat stroke or exhaustion, that person may be predisposed to additional heat injuries.

8.4 HEAT STRESS SAFETY PRECAUTIONS

Heat stress monitoring and work rest cycle implementation should commence when the ambient adjusted temperature exceeds 72°F. A minimum work rest regimen and procedures for calculating ambient adjusted temperature are described in **Table 8.1** below.

Table 8.1 – Work/Rest Schedule

Adjusted Temperature[b]	Work/Rest Regimen Normal Work Ensemble[c]	Work/Rest Regimen Impermeable Ensemble
90ºF (32.2ºC) or above	After each 45 minutes of work	After each 15 minutes of work
87.5º - 90ºF (30.8º-32.2ºC)	After each 60 minutes of work	After each 30 minutes of work
82.5º - 87.5ºF (28.1º - 30.8ºC)	After each 90 minutes of work	After each 60 minutes of work
77.5º - 82.5ºF (25.3º - 28.1ºC)	After each 120 minutes of work	After each 90 minutes of work
72.5º - 77.5ºF (30.8º - 32.2ºC)	After each 150 minutes of work	After each 120 minutes of work

a. For work levels of 250 kilocalories/hour (Light-Moderate Type of Work)

b. Calculate the adjusted air temperature (ta adj) by using this equation: ta adj °F = ta °F + (13 x % sunshine). Measure air temperature (ta) with a standard mercury-in-glass thermometer, with the bulb shielded from radiant heat. Estimate percent sunshine by judging what percent time the sun is not covered by clouds that are thick enough to produce a shadow. (100 percent sunshine = no cloud cover and a sharp, distinct shadow; 0 percent sunshine = no shadows.)

c. A normal work ensemble consists of cotton coveralls or other cotton clothing with long sleeves and pants.

d. The information presented above was generated using the information provided in the American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values (TLV) Handbook.

In order to determine if the work rest cycles are adequate for the personnel and specific Site conditions, additional monitoring of individual heart rates will be conducted during the rest cycle. To check the heart rate, count the radial pulse for 30 seconds at the beginning of the rest period. If the heart rate exceeds 110 beats per minute, shorten the next work period by one third and maintain the same rest period.

Additionally, one or more of the following control measures can be used to help control heat stress and are mandatory if any Site worker has a heart rate (measure immediately prior to rest period) exceeding 115 beats per minute:

- Site workers will be encouraged to drink plenty of water and electrolyte replacement fluids throughout the day.
- On-Site drinking water will be kept cool (50 to 60°F).
- A work regimen that will provide adequate rest periods for cooling down will be established, as required.
- All personnel will be advised of the dangers and symptoms of heat stroke, heat exhaustion, and heat cramps.
- Cooling devices, such as vortex tubes or cooling vests, should be used when personnel must wear impermeable clothing in conditions of extreme heat.
- Employees should be instructed to monitor themselves and co-workers for signs of heat stress and to take additional breaks as necessary.
- A shaded rest area must be provided. All breaks should take place in the shaded rest area.
- Employees must not be assigned to other tasks during breaks.
- Employees must remove impermeable garments during rest periods. This includes white Tyvek-type garments.

All employees must be informed of the importance of adequate rest, acclimation, and proper diet in the prevention of heat stress disorders.

8.5 COLD STRESS

Cold stress normally occurs in temperatures at or below freezing, or under certain circumstances, in temperatures of 40°F. Extreme cold for a short time may cause severe injury to exposed body surfaces or result in profound generalized cooling, causing death. Areas of the body that have high surface area-to-volume ratio, such as fingers, toes, and ears, are the most susceptible. Two (2) factors influence the development of a cold weather injury: ambient temperature and the velocity of the wind. For instance, 10°F with a wind of 15 miles per hour (mph) is equivalent in chilling effect to still air at -18°F. An equivalent chill temperature chart relating the actual dry bulb temperature and wind velocity is presented in **Table 8.2** below.

Table 8.2– Wind Chill Temperature Chart

Estimated Wind Speed (in mph)	Actual Temperature Reading (ºF)											
	50	**40**	**30**	**20**	**10**	**0**	**-10**	**-20**	**-30**	**-40**	**-50**	**-60**
	Equivalent Chill Temperature (ºF)											
Calm	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60
5	48	37	27	16	6	-5	-15	-26	-36	-47	-57	-68
10	40	28	16	4	-9	-24	-33	-46	-58	-70	-83	-95
15	36	22	9	-5	-18	-32	-45	-58	-72	-85	-99	-112
20	32	18	4	-10	-25	-39	-53	-67	-82	-96	-110	-121
25	30	16	0	-15	-29	-44	-59	-74	-88	-104	-118	-133
30	28	13	-2	-18	-33	-48	-63	-79	-94	-109	-125	-140
35	27	11	-4	-20	-35	-51	-67	-82	-98	-113	-129	-145
40	26	10	-6	-21	-37	-53	-69	-85	-100	-116	-132	-148
(Wind speeds greater than 40 mph have little additional effect.)	**LITTLE DANGER Maximum danger of false sense of security.**				**INCREASING DANGER Danger from freezing of exposed flesh within one minute.**			**GREAT DANGER Flesh may freeze within 30 seconds.**				
	Trench foot and immersion foot may occur at any point on this chart.											

[This chart was developed by the U.S. Army Research Institute of Environmental Medicine, Natick, MA (Source: ACGIH Threshold Limit Values for Chemical Substances and Physical Agents)].

Local injury resulting from cold is included in the generic term frostbite. There are several degrees of tissue damage associated with frostbite. Frostbite of the extremities can be categorized into:

- *Frost Nip or Incipient Frostbite* - characterized by sudden blanching or whitening of skin.
- *Superficial Frostbite* - skin has a waxy or white appearance and is firm to the touch, but tissue beneath is resilient.
- *Deep Frostbite* - tissues are cold, pale, and solid; extremely serious injury.

Systemic hypothermia is caused by exposure to freezing or rapidly dropping temperature. It can be fatal. Its symptoms are usually exhibited in five stages: 1) shivering; 2) apathy, listlessness, sleepiness, and (sometimes) rapid cooling of the body to less than 95°F; 3) unconsciousness, glassy stare, slow pulse, and slow respiratory rate; 4) freezing of the extremities; and 5) death. Trauma sustained in freezing or sub-zero conditions requires special attention because an injured worker is predisposed to secondary cold injury. Special provisions must be made to prevent hypothermia and secondary freezing of damaged tissues in addition to providing for first aid treatment. To avoid cold stress, site personnel must wear protective clothing appropriate for the level of cold and physical activity. In addition to protective clothing, preventive safe work practices, additional training, and warming regimens may be utilized to prevent cold stress.

8.6 SAFETY PRECAUTIONS FOR COLD STRESS PREVENTION

For air temperature of 0°F or less, mittens should be used to protect the hands. For exposed skin, continuous exposure should not be permitted when air speed and temperature results in a wind chill temperature of -25°F.

At air temperatures of 36°F or less, field personnel who become immersed in water or whose clothing becomes wet must be immediately provided with a change of clothing and be treated for hypothermia.

If work is done at normal temperature or in a hot environment before entering the cold, the field personnel must ensure that their clothing is not wet as a consequence of sweating. Wet field personnel must change into dry clothes prior to entering the cold area.

If the available clothing does not give adequate protection to prevent hypothermia or frostbite, work must be modified or suspended until adequate clothing is made available or until weather conditions improve.

Field personnel handling evaporative liquid (e.g., gasoline, alcohol, or cleaning fluids) at air temperatures below 40°F must take special precaution to avoid soaking of clothing or gloves with the liquids because of the added danger of cold injury due to evaporative cooling.

8.7 SAFE WORK PROCEDURES

Direct contact between bare skin and cold surfaces (< 20°F) should be avoided. Metal tool handles and/or equipment controls should be covered by thermal insulating material.

For work performed in a wind chill temperature at or below 10°F, workers should be under constant protective observation (buddy system). The work rate should be established to prevent heavy sweating that will result in wet clothing. For heavy work, rest periods must be taken in heated shelters and workers should be provided with an opportunity to change into dry clothing if needed.

Field personnel should be provided the opportunity to become accustomed to cold-weather working conditions and required protective clothing. Work should be arranged in such a way that sitting or standing still for long periods is minimized.

During the warming regimen (rest period), field personnel should be encouraged to remove outer clothing to permit sweat evaporation or to change into dry work clothing. Dehydration, or loss of body fluids, occurs insidiously in the cold environment and may increase susceptibility to cold injury due to a significant change in blood flow to the extremities. Fluid replacement with warm, sweet drinks and soups is recommended. The intake of coffee should be limited because of diuretic and circulatory effects.

8.8 BIOLOGICAL HAZARDS

Biological hazards may include poison ivy, snakes, thorny bushes and trees, ticks, mosquitoes, spiders, and other pests.

8.8.1 TICK BORNE DISEASES

Lyme Disease - The disease commonly occurs in summer and is transmitted by the bite of infected ticks. "Hot spots" in the United States include New York, New Jersey, Pennsylvania, Massachusetts, Connecticut, Rhode Island, Minnesota, and Wisconsin.

Erlichiosis - The disease also commonly occurs in summer and is transmitted by the bite of infected ticks. "Hot spots" in the United States include New York, Massachusetts, Connecticut, Rhode Island, Minnesota, and Wisconsin.

These diseases are transmitted primarily by the deer tick, which is smaller and redder than the common wood tick. The disease may be transmitted by immature ticks, which are small and hard to see. The tick may be as small as a period on this page.

Symptoms of Lyme disease include a rash or a peculiar red spot, like a bull's eye, which expands outward in a circular manner. The victim may have headache, weakness, fever, a stiff neck, and swelling and pain in the joints, and eventually, arthritis. Symptoms of erlichiosis include muscle and joint aches, flu-like symptoms, but there is typically no skin rash.

Rocky Mountain Spotted Fever (RMSF) - This disease is transmitted via the bite of an infected tick. The tick must be attached 4 to 6 hours before the disease-causing organism (Rickettsia rickettsii) becomes reactivated and can infect humans. The primary symptom of RMSF is the sudden appearance of a moderate-to-high fever. The fever may persist for two to three weeks. The victim may also have a headache, deep muscle pain, and chills. A rash appears on the hands and feet on about the third day and eventually spreads to all parts of the body. For this reason, RMSF may be confused with measles or meningitis. The disease may cause death, if untreated, but if identified and treated promptly, death is uncommon.

Control - Tick repellant containing diethyltoluamide (DEET) should be used when working in tick-infested areas, and pant legs should be tucked into boots. In addition, workers should search the entire body every three or four hours for attached ticks. Ticks should be removed promptly and carefully without crushing, since crushing can squeeze the disease-causing organism into the skin. A gentle and steady pulling action should be used to avoid leaving the head or mouth parts in the skin. Hands should be protected with surgical gloves when removing ticks.

8.8.2 POISONOUS PLANTS

Poisonous plants may be present in the work area. Personnel should be alerted to its presence and instructed on methods to prevent exposure.

Control - The main control is to avoid contact with the plant, cover arms and hands, and frequently wash potentially exposed skin. Particular attention must be given to avoiding skin contact with objects or protective clothing that have touched the plants. Treat every surface that may have touched the plant as contaminated, and practice contamination avoidance. If skin contact is

made, the area should be washed immediately with soap and water and observed for signs of reddening.

8.8.3 SNAKES

The possibility of encountering snakes exists, specifically for personnel working in wooded/vegetated areas. Snake venoms are complex and include proteins, some of which have enzymatic activity. The effects produced by venoms include neurotoxic effects with sensory, motor, cardiac, and respiratory difficulties; cytotoxic effects on red blood cells, blood vessels, heart muscle, kidneys, and lungs; defects in coagulation; and effects from local release of substances by enzymatic actions. Other noticeable effects of venomous snakebites include swelling, edema, and pain around the bite, and the development of ecchymosis (the escape of blood into tissues from ruptured blood vessels).

Control - To minimize the threat of snakebites, all personnel walking through vegetated areas must be aware of the potential for encountering snakes, and the need to avoid actions potentiating encounters, such as turning over logs, etc. If a snakebite occurs, an attempt should be made to safely identify the snake via size and markings. The victim must be transported to the nearest hospital within 30 minutes; first aid consists of applying a constriction band and washing the area around the wound to remove any unabsorbed venom.

8.8.4 SPIDERS

Personnel may encounter spiders during work activities.

Two spiders are of concern: the black widow and the brown recluse. Both prefer dark sheltered areas such as basements, equipment sheds and enclosures, and around woodpiles or other scattered debris. The black widow is shiny black, approximately one inch long, and has a distinctive red hourglass marking on the underside of its body. The black widow is found throughout the United States. The bite of a black widow is seldom fatal to healthy adults, but effects include respiratory distress, nausea, vomiting, and muscle spasms. The brown recluse is smaller than the black widow and gets its name from its brown coloring and behavior. It has a distinctive violin shape on the top of its body. The brown recluse is more prevalent in the southern United States. The bite of the brown recluse is painful and the bite site ulcerates and takes many weeks to heal completely.

Control - To minimize the threat of spider bites, all personnel walking through vegetated areas must be aware of the potential for encountering these arachnids. Personnel need to avoid actions that may result in encounters, such as turning over logs, and placing hands in dark places such as behind equipment or in corners of equipment sheds or enclosures. If a spider bite occurs, the victim must be transported to the nearest hospital as soon as possible; first aid consists of applying ice packs and washing the area around the wound to remove any unabsorbed venom.

8.9 NOISE

Exposure to noise over the OSHA action level can cause temporary impairment of hearing; prolonged and repeated exposure can cause permanent damage to hearing. The risk and severity of hearing loss increases with the intensity and duration of exposure to noise. In addition to damaging hearing, noise can impair voice communication, thereby increasing the risk of accidents on site.

Control - All personnel must wear hearing protection, with a Noise Reduction Rating (NRR) of at least 20, when noise levels exceed 85 dBA. When it is difficult to hear a co-worker at normal conversation distance, the noise level is approaching or exceeding 85 dBA, and hearing protection is necessary. All site personnel who may be exposed to noise must also receive baseline and annual audiograms and training as to the causes and prevention of hearing loss. Noise monitoring is discussed in Section 5.2, Noise Monitoring.

Whenever possible, equipment that does not generate excessive noise levels will be selected for this project. If the use of noisy equipment is unavoidable, barriers or increased distance will be used to minimize worker exposure to noise, if feasible.

All personnel must take every precaution to minimize the potential for spills during site operations. All on-Site personnel shall immediately report any discharge, no matter how small, to the FS.

Spill control equipment and materials will be located on the Site at locations that present the potential for discharge. All sorbent materials used for the cleanup of spills will be containerized and labeled appropriately. In the event of a spill, the FS will follow the provisions in Section 10.0, Emergency Procedures, to contain and control released materials and to prevent their spread to off-Site areas.

8.10 SPILL CONTROL

All personnel must take every precaution to minimize the potential for spills during site operations. All on-Site personnel shall immediately report any discharge, no matter how small, to the FS.

Spill control equipment and materials will be located on the Site at locations that present the potential for discharge. All sorbent materials used for the cleanup of spills will be containerized and labeled appropriately. In the event of a spill, the FS will follow the provisions in Section 10.0, Emergency Procedures, to contain and control released materials and to prevent their spread to off-Site areas.

8.11 SANITATION

Site sanitation will be maintained according to OSHA requirements.

8.11.1 BREAK AREA

Breaks must be taken in the SZ, away from the active work area after Site personnel go through decontamination procedures. There will be no smoking, eating, drinking, or chewing gum or tobacco in any area other than the SZ.

8.11.2 POTABLE WATER

The following rules apply to all field operations:

- An adequate supply of potable water will be provided at each project site. Potable water must be kept away from hazardous materials or media, and contaminated clothing or equipment.
- Portable containers used to dispense drinking water must be capable of being tightly closed and must be equipped with a tap dispenser. Water must not be consumed directly from the container (drinking from the tap is prohibited) nor may it be removed from the container by dipping.
- Containers used for drinking water must be clearly marked and shall not be used for any other purpose.
- Disposable drinking cups must be provided. A sanitary container for dispensing cups and a receptacle for disposing of used cups is required.

8.11.3 SANITARY FACILITIES

Access to facilities for washing before eating, drinking, or smoking, or alternate methods such as waterless hand-cleaner and paper towels will be provided.

8.11.4 LAVATORY

If permanent toilet facilities are not available, an appropriate number of portable chemical toilets will be provided. This requirement does not apply to mobile crews or to normally unattended Site locations so long as employees at these locations have transportation immediately available to nearby toilet facilities.

8.12 EMERGENCY EQUIPMENT

Adequate emergency equipment for the activities being conducted on site and as required by applicable sections of 29 CFR 1910 and 29 CFR 1926 will be on Site prior to the commencement of project activities. Personnel will be provided with access to emergency equipment, including, but not limited to, the following:

- Fire extinguishers of adequate size, class, number, and location as required by applicable sections of 29 CFR 1910 and 1926;
- Industrial first aid kits of adequate size for the number of personnel on site; and
- Emergency eyewash and/or shower if required by operations being conducted on Site.

8.13 LOCKOUT/TAGOUT PROCEDURES

Only fully qualified and trained personnel will perform maintenance procedures. Before maintenance begins, lockout/tagout procedures per OSHA 29 CFR 1910.147 will be followed.

Lockout is the placement of a device that uses a positive means, such as lock, to hold an energy or material-isolating device such that the equipment cannot be operated until the lockout device is removed. If a device cannot be locked out, a tagout system shall be used. Tagout is the

placement of a warning tag on an energy or material isolating device indicating that the equipment controls may not be operated until the personnel who attached the tag remove the tag.

8.14 ELECTRICAL SAFETY

Electricity may pose a particular hazard to Site workers due to the use of portable electrical equipment. If wiring or other electrical work is needed, a qualified electrician must perform it.

General electrical safety requirements include:

- All electrical wiring and equipment must be a type listed by Underwriters Laboratories (UL), Factory Mutual Engineering Corporation (FM), or other recognized testing or listing agency.
- All installations must comply with the National Electrical Safety Code (NESC), the National Electrical Code (NEC), or USCG regulations.
- Portable and semi-portable tools and equipment must be grounded by a multi-conductor cord having an identified grounding conductor and a multi-contact polarized plug-in receptacle.
- Tools protected by an approved system of double insulation, or its equivalent, need not be grounded. Double insulated tools must be distinctly marked and listed by UL or FM.
- Live parts of wiring or equipment must be guarded to prevent persons or objects from touching them.
- Electric wire or flexible cord passing through work areas must be covered or elevated to protect it from damage by foot traffic, vehicles, sharp corners, projections, or pinching.
- All circuits must be protected from overload.
- Temporary power lines, switchboxes, receptacle boxes, metal cabinets, and enclosures around equipment must be marked to indicate the maximum operating voltage.
- Plugs and receptacles must be kept out of water unless of an approved submersible construction.
- All extension cord outlets must be equipped with ground fault circuit interrupters (GFCI).
- Attachment plugs or other connectors must be equipped with a cord grip and be constructed to endure rough treatment.
- Extension cords or cables must be inspected prior to each use and replaced if worn or damaged. Cords and cables must not be fastened with staples, hung from nails, or suspended by bare wire.
- Flexible cords must be used only in continuous lengths without splice, with the exception of molded or vulcanized splices made by a qualified electrician.

8.15 LIFTING SAFETY

Using proper lifting techniques may prevent back strain or injury. The fundamentals of proper lifting include:

- Consider the size, shape, and weight of the object to be lifted. A mechanical lifting device or additional persons must be used to lift an object if it cannot be lifted safely alone.
- The hands and the object should be free of dirt or grease that could prevent a firm grip.
- Gloves must be used, and the object inspected for metal slivers, jagged edges, burrs, or rough or slippery surfaces.

- Fingers must be kept away from points that could crush or pinch them, especially when putting an object down.
- Feet must be placed far enough apart for balance. The footing should be solid and the intended pathway should be clear.
- The load should be kept as low as possible, close to the body with the knees bent.
- To lift the load, grip firmly and lift with the legs, keeping the back as straight as possible.
- A worker should not carry a load that he or she cannot see around or over.
- When putting an object down, the stance and position are identical to that for lifting; the legs are bent at the knees, and the back is straight as the object is lowered.

8.16 LADDER SAFETY

When portable ladders are used for access to an upper landing surface, the ladder side rails shall extend at least three (3) feet (9 m) above the upper landing surface to which the ladder is used to gain access; or, when such an extension is not possible because of the ladder's length, then the ladder shall be secured at its top to a rigid support that will not deflect, and a grasping device, such as a grabrail, shall be provided to assist employees in mounting and dismounting the ladder. In no case shall the extension be such that ladder deflection under a load would, by itself, cause the ladder to slip off its support.

- Ladders shall be maintained free of oil, grease, and other slipping hazards.
- Ladders shall not be loaded beyond the maximum intended load for which they were built, or beyond their manufacturer's rated capacity.
- Ladders shall be used only for the purpose for which they were designed.
- Non-self-supporting ladders shall be used at an angle such that the horizontal distance from the top support to the foot of the ladder is approximately one-quarter of the working length of the ladder (the distance along the ladder between the foot and the top support).
- Wood job-made ladders with spliced side rails shall be used at an angle such that the horizontal distance is one-eighth the working length of the ladder.
- Fixed ladders shall be used at a pitch no greater than 90 degrees from the horizontal, as measured to the back side of the ladder.
- Ladders shall be used only on stable and level surfaces unless secured to prevent accidental displacement.
- Ladders shall not be used on slippery surfaces unless secured or provided with slip-resistant feet to prevent accidental displacement. Slip-resistant feet shall not be used as a substitute for care in placing, lashing, or holding a ladder that is used upon slippery surfaces, including, but not limited to, flat metal or concrete surfaces that are constructed so they cannot be prevented from becoming slippery.
- Ladders placed in any location where they can be displaced by workplace activities or traffic, such as in passageways, doorways, or driveways, shall be secured to prevent accidental displacement, or a barricade shall be used to keep the activities or traffic away from the ladder.
- The area around the top and bottom of ladders shall be kept clear.
- The top of a non-self-supporting ladder shall be placed with the two rails supported equally unless it is equipped with a single support attachment.
- Ladders shall not be moved, shifted, or extended while occupied.
- Ladders shall have non-conductive side rails if they are used where the employee or the ladder could contact exposed energized electrical equipment.

- The top, top step, or the step labeled that it or any step above it should not be used as a step.
- Cross-bracing on the rear section of stepladders shall not be used for climbing unless the ladders are designed and provided with steps for climbing on both front and rear sections.
- Ladders shall be inspected by the HSM for visible defects on a daily basis and after any occurrence that could affect their safe use.
- Portable ladders with structural defects, such as, but not limited to, broken or missing rungs, cleats, or steps; broken or split rails; corroded components; or other faulty or defective components shall either be immediately marked in a manner that readily identifies them as defective or be tagged with “Do Not Use” or similar language and shall be withdrawn from service.
- Fixed ladders with structural defects, such as, but not limited to, broken or missing rungs, cleats, or steps; broken or split rails; or corroded components; shall be withdrawn from service.
- Ladder repairs shall restore the ladder to a condition meeting its original design criteria, before the ladder is returned to use.
- Single-rail ladders shall not be used.
- When ascending or descending a ladder, the user shall face the ladder.
- Each employee shall use at least one hand to grasp the ladder when progressing up and/or down the ladder.
- An employee shall not carry any object or load that could cause the employee to lose balance and fall.

8.17 TRAFFIC SAFETY

The project Site may be located adjacent to a public roadway where exposure to vehicular traffic is likely. Traffic may also be encountered as vehicles enter and exit the area. To minimize the likelihood of project personnel and activities being affected by traffic, the following procedures will be implemented.

Cones must be placed along the shoulder of the roadway starting 100 feet from the work area to alert passing motorists to the presence of personnel and equipment. A “Slow” or “Men Working” sign must be placed at the first cone. Barricades with flashing lights should be placed between the roadway and the work area.

During activities along a roadway, equipment will be aligned parallel to the roadway to the extent feasible, facing into the oncoming traffic so as to place a barrier between the work crew and the oncoming traffic. All crewmembers must remain behind the equipment and the traffic barrier.

All Site personnel who are potentially exposed to vehicular traffic must wear an outer layer of orange warning garments, such as vests, jackets, or shirts. If work is performed in hours of dusk or darkness, workers will be outfitted with reflective garments either orange, white (including silver-coated reflective coatings or elements that reflect white light), yellow, fluorescent red-orange, or fluorescent yellow-orange.

The flow of traffic into and out of the adjacent business must be assessed, and precautions taken to warn motorists of the presence of workers and equipment. Where possible, vehicles should be aligned to provide physical protection of people and equipment.

9.0 SITE-SPECIFIC HAZARDS AND CONTROL MEASURES

9.1 EVALUATION OF HAZARDS

The evaluation of hazards is provided as a quick reference as to the known conditions for the Site, wherein the level of detail for each of the subsections is identified.

9.1.1 HAZARD CHARACTERISTICS

Existing information for Site:

___X___ Detailed _____ Preliminary _____ None

Hazardous/Contaminated Material Form(s):

___X___ Solid ___X___ Liquid _____ Sludge _____ Gas _X_ Vapor

Containment Type(s):

_____ Drum _____ Tank _____ Pit _____ Debris

_____ Pond _____ Lagoon Other: None known

Hazardous Material Characteristics:

___X___ Volatile _____ Corrosive _____ Reactive
_____ Radioactive

_____ Ignitable ___X___ Toxic ___X___ Unknown

Routes of Exposure:

___X___ Oral _____ Dermal ___X___ Eye ___X___ Respiratory

9.1.2 POTENTIAL HEALTH AND SAFETY HAZARDS

___X___ Heat __X__ Congested areas

___X___ Cold ___X___ General Construction

_____ Confined space entry ___X___ Physical injury

_____ Oxygen depletion ___X___ Electrical hazards

_____ Asphyxiation ___X___ Handling and product transfer

___X___ Excavation ___X___ Fire

___X___ Cave-ins ___X___ Explosion

X Falls, slippage	X Biological Hazards
	X Plants – Poison Ivy, Poison Oak
	X Insects – Ticks
	X Insects – Mosquitoes
	X Insects – Bees and Wasps
	X Rats and Mice
X Heavy equipment	Non-ionizing Radiation (i.e. UV, IR, etc.)
Other: Potential Ignition Hazard	

9.2 FIELD ACTIVITIES, HAZARDS AND CONTROL PROCEDURES

The following task-specific safety analyses identify potential health, safety, and environmental hazards associated with each type of field activity. Because of the complex and changing nature of field projects, supervisors must continually inspect the Site to identify hazards that may affect on-Site personnel, the community, or the environment. The FS must be aware of these changing conditions and discuss them with the PM whenever these changes impact employee health, safety, the environment, or performance of the project. The FS will keep on-Site personnel informed of the changing conditions, and the PM will write and/or approve addenda or revisions to this HASP as necessary.

9.2.1 MOBILIZATION/CONSTRUCTION STAKEOUT

Description of Tasks

Site mobilization will include establishing excavation locations, determining the location of utilities and other installations, and establishing work areas. Mobilization will also include setting up equipment and establishing a temporary Site office. A break area will be set up outside of regulated work areas. Mobilization may involve clearing areas for the SZ and CRZ. During this initial phase, project personnel will walk the Site to confirm the existence of anticipated hazards and identify safety and health issues that may have arisen since the writing of this plan.

Hazard Identification

The hazards of this phase of activity are associated with heavy equipment operation, manual materials handling, installation of temporary on-site facilities, and manual site preparation.

Manual materials handling and manual site preparation may cause blisters, sore muscles, and joint and skeletal injuries; and may present eye, contusion, and laceration hazards. Installation of temporary field office and support facilities may expose personnel to electrical hazards, underground and overhead utilities, and physical injury due to the manual lifting and moving of materials. The work area presents slip, trip, and fall hazards from scattered debris and irregular walking surfaces. Rainy weather may cause wet, muddy, slick walking surfaces, and unstable soil. Freezing weather hazards include frozen, slick, and irregular walking surfaces.

Environmental hazards include plants, such as poison ivy and poison oak; aggressive fauna, such as ticks, fleas, mosquitoes, wasps, spiders, and snakes; weather, such as sunburn, lightning, rain, and heat- or cold-related illnesses; and pathogens, such as rabies, Lyme disease, and blood-borne pathogens.

Controls

Control procedures for these hazards are discussed in Section 8.0, General Safety Practices.

9.2.2 DEMOLITION/SITE-CLEARING

Description of Tasks

Site clearance will involve manual or mechanical removal of objects impeding access to the construction footprint. These obstructions are both natural and man-made items and will include, but not be limited to, fabricated metal and concrete structures, trees, vegetation, rubble, and miscellaneous trash/debris.

Hazard Identification

Hazards associated with demolition and site clearance include personnel working in and around potentially unstable structures, or locations of potential contact with hazardous chemicals, utilities, and/or falling objects. This task will involve manual, as well as mechanical demolition/clearance efforts so exertion and equipment hazards exist.

Controls

PPE – Personnel shall be protected from hazards of irritant and toxic plants and suitably instructed in the first aid treatment available.

Preparatory Operations – Prior to permitting employees to start demolition operations, an engineering survey shall be made, by a licensed Professional Engineer, of the structure to determine the stability of the structure. Any adjacent structure shall where personnel may be exposed shall also be similarly checked. The PO shall have in writing evidence that such a survey has been performed. All structural instabilities shall be shored or braced, under the supervision of a licensed Professional Engineer, prior to access by an FP.

Utilities – All electric, gas, water, steam, sewer, and other service lines shall be shut off, caped, or otherwise controlled, outside the building line before demolition work is started. In each case, any utility company that is involved shall be notified in advance. If it is necessary to maintain any power, water or other utilities during demolition, such lines shall be temporarily relocated, as necessary.

Hazardous Substances – It shall also be determined if any type of hazardous chemicals, gases, explosives, flammable materials, or similarly dangerous substances have been used in any pipes, tanks, or other equipment on the property. When the presence of any such substances is

apparent or suspected, testing and purging shall be performed and the hazard eliminated before demolition is started.

Falling Debris/Objects – No material shall be dropped to any point lying outside the exterior walls of the structure unless the area is effective protected. Access to the area where falling objects/debris may be encountered must be gated and controlled.

Structural Collapse – Structural or load supporting members on any floor shall not be cut or removed until all stories above such a floor have been demolished and removed. Walls, which are to serve as retaining walls against which debris will be piled, shall not be so used unless capable of safely supporting the imposed load. Mechanical equipment shall not be used on floors or working surfaces unless such floors or surfaces are not of sufficient strength to support the imposed load.

Rollover Guards – All equipment used in site clearing operations shall be equipped with rollover guards meeting the applicable requirements. In addition, rider-operated equipment shall be equipped with an overhead and rear canopy guard meeting the applicable requirements.

Inspections – During demolition, continuing inspections by a licensed Professional Engineer shall be made as the work progresses to detect hazards resulting from weakened or deteriorated floors, walls, or loosened material. No FP shall be permitted to work where such hazards exist until they are corrected by shoring, bracing, or other effective means.

9.2.3 EXCAVATION AND CUT/FILL OPERATIONS

9.2.3.1 EXCAVATION TRENCHING

Description of Tasks

This task includes the excavation of contaminated soils and superficial debris. Excavation depths vary across the Site.

Hazard Identification

The hazards of this activity are associated with heavy equipment operation, subsurface intrusion, manual materials handling, stockpiling, and disposal. Subsurface intrusion presents hazards associated with negotiating buried utilities, cave-ins of the excavated areas, and regress methods for personnel working inside the excavated areas. Disruption of contaminated soil also presents a health hazard.

Controls

Underground Utilities – The estimated locations of utility installations, such as sewer, telephone, fuel, electric, water lines, or any other underground installations that reasonably may be expected to be encountered during the excavation work, shall be determined prior to opening an excavation. Utility companies or owners shall be contacted (“Call Before You Dig”) within established or

customary local response times, advised of the proposed work, and asked to establish the location of the utility underground installations prior to the start of actual excavation.

When excavation operations approach the estimated location of underground installations, the exact location of the installations shall be determined by save and acceptable means. While the excavation is open, underground installations shall be protected, supported, or removed, as necessary, to safeguard site personnel.

Cave-Ins – Project personnel in an excavation shall be protected from cave-ins by an adequate protective system, except when:

- Excavations are made entirely in stable rock or excavations are less than five feet in depth and examination of the ground by the SSO provides no indication of a potential cave-in.
- Protective systems shall have the capacity to resist, without failure, all loads that are intended or could reasonably be expected to be applied or transmitted to the system.

Project personnel shall be protected from excavated or other materials or equipment that could pose a hazard by falling or rolling into excavations. Protection shall be provided by placing and keeping such materials or equipment at least two feet from the edge of excavations, or by the use of retaining devices that are sufficient to prevent materials or equipment from falling or rolling into excavations, or by a combination of both if necessary.

Daily inspections of excavations, the adjacent areas, and protective systems shall be made by the SSO for evidence of a situation that could result in possible cave-ins, indications of failure of protective systems, hazardous atmospheres, or other hazardous conditions. An inspection shall be conducted by the SSO prior to the start of work and as needed throughout operations. Inspections shall also be made after every rainstorm or other hazard-increasing occurrence. These inspections are only required when project personnel exposure can be reasonably anticipated.

Where the SSO finds evidence of a situation that could result in a possible cave-in, indications of failure of protective systems, hazardous atmospheres, or other hazardous conditions, exposed personnel shall be removed from the hazardous area until the necessary precautions have been taken to ensure their safety.

Excavation Egress – A stairway, ladder, ramp, or other safe means of egress shall be located in trench excavations that are four feet or more in depth so as to require no more than 25 feet or lateral travel for project personnel.

9.2.3.2 HEAVY EQUIPMENT OPERATION

Description of Tasks

Heavy equipment to be used for this task include, but are not limited to, excavators, dozers, dump trucks, and water sprayers (if required).

Hazard Identification

The most common type of accident that occurs in material handling operations is the "caught between" situation when a load is being handled and an object gets caught between two moving parts of the equipment. Operation of the heavy construction equipment may produce harmful noise.

Controls

Equipment Inspection – All vehicles in use shall be checked prior to operation to ensure that all parts, equipment, and accessories that affect safe operations are in proper operating condition and free from defects. All defects shall be corrected before the vehicle is placed in service.

Ground Guides – No personnel shall use any motor vehicle, earthmoving, or compacting equipment having an obstructed view to the rear, unless:

- The vehicle has a reverse signal alarm distinguishable from the surrounding noise level; or
- The vehicle is backed up only when an observer signals that it is safe to do so.

Blocking – Heavy machinery, equipment, or parts thereof that are suspended or held aloft shall be substantially blocked to prevent falling or shifting before employees are permitted to work under or between them.

Noise – Control measures for noise are addressed in Section 8.9.

Traffic – Control measures for traffic are addressed in Section 8.17.

9.2.3.3 DISTURBANCE/HANDLING OF CONTAMINATED MATERIAL

Description of Tasks

After the contaminated soil is excavated from below the Site's surface, the material will be stockpiled, dried, and either transported off Site or relocated and backfilled on Site.

Hazard Identification

The hazards associated with materials handling include contact of the contaminated material with project personnel, or cross contamination with other site soil.

Controls

Cross Contamination – Following excavation, contaminated soil stockpiles will be placed on a structure constructed to separate the material from the site soil and collect any groundwater leachate. The material shall be covered to prevent storm water erosion or migration of contaminants through storm water.

Air Monitoring – Air and particulate monitoring will be conducted during soil excavation activities to assess the potential for exposure to airborne COCs. If the results of air monitoring indicate the presence of organic vapors or particulates in a concentration causing concern, personnel will upgrade to Level C protection. Refer to Section 5.1, Air Monitoring, for a description of air monitoring requirements and action levels. Air monitoring protocols are also presented in the Community Air Monitoring Plan (Appendix G of this RAWP). A description of each level of personal protection is included in Section 4.0, Personal Protective Equipment.

Traffic – Control measures for traffic are addressed in Section 8.17.

9.2.4 DRILLING/SUBSURFACE INTRUSION ACTIVITIES

Description of Tasks

Site mobilization will include establishing excavation locations, determining the location of utilities and other installations, and establishing work areas. Mobilization will also include setting up equipment and establishing a temporary Site office. A break area will be set up outside of regulated work areas. Mobilization may involve clearing areas for the SZ and CRZ. During this initial phase, project personnel will walk the Site to confirm the existence of anticipated hazards and identify safety and health issues that may have arisen since the writing of this plan.

Hazard Identification

The primary physical hazards for this activity are associated with the use of soil boring and grouting equipment. The equipment is hydraulically powered and uses static force and dynamic percussion force to advance sampling and penetrating tubes.

Accidents can occur as a result of improperly placing the equipment on uneven or unstable terrain or failing to adequately secure the equipment prior to the start of operations. Overhead utility lines can create hazardous conditions if contacted by the equipment. Underground installations such as electrical lines, conduit, and product lines pose a significant hazard if contacted.

Controls

Geoprobe and Drill Rig Safety Procedures - The operator of the equipment must possess required state or local licenses to perform such work. All members of the crew shall receive Site-specific training prior to beginning work.

The operator is responsible for the safe operation of the rig, as well as the crew's adherence to the requirements of this HASP. The operator must ensure that all safety equipment is in proper condition and is properly used. The members of the crew must follow all instructions of the operator, wear all personal protective equipment, and be aware of all hazards and control procedures. The operator and crew must participate in the Daily Safety Meetings and be aware of all emergency procedures.

Equipment Inspection - Each day, prior to the start of work, the rig and associated equipment must be inspected by the operator. The following items must be inspected:

- Vehicle condition;
- Proper storage of equipment;
- Condition of all hydraulic lines;
- Fire extinguisher; and
- First aid kit.

Equipment Set Up - The drill rig must be properly blocked and leveled prior to raising the derrick. The wheels which remain on the ground must be chocked. The leveling jacks shall not be raised until the derrick is lowered. The rig shall be moved only after the derrick has been lowered.

All well sites will be inspected by the driller prior to the location of the rig to verify a stable surface exists. This is especially important in areas where soft, unstable terrain is common.

The drill rig must be properly blocked and leveled prior to raising the derrick. Blocking provides a more stable drilling structure by evenly distributing the weight of the rig. Proper blocking ensures that differential settling of the rig does not occur.

When the ground surface is soft or otherwise unstable, wooden blocks, at least 24" by 24" and 4" to 8" thick shall be placed between the jack swivels and the ground. The emergency brake shall be engaged, and the wheels that are on the ground shall be chocked.

Rules for Intrusive Activity - Before beginning any intrusive activity, the existence and location of underground pipe, conduit, electrical equipment, and other installations will be determined. This will be done, if possible, by contacting the appropriate client representative to mark the location of the lines. “Call Before You Dig” will verify the potential for encountering subsurface utilities. If the client’s knowledge of the area is incomplete, an appropriate device, such as a magnetometer, will be used to locate the line.

Combustible gas readings of the general work area will be made regularly in areas where and/or during operations when the presence of flammable vapors or gases is suspected, such as during intrusive activities (see Section 5.1). Operations must be suspended and corrective action taken if the airborne flammable concentration reaches 10% of the LEL in the immediate area (a one-foot radius) of the point of drilling, or near any other ignition sources.

Overhead Electrical Clearances - If equipment is operated in the vicinity of overhead power lines, the power to the lines must be shut off or the equipment must be positioned and blocked such that no part, including cables, can come within the minimum clearances as indicated on **Table 8.2** below:

Table 8.3– Voltage versus Required Clearance

Nominal System Voltage	Minimum Required Clearance
0-50kV	10 feet
51-100kV	12 feet
101-200kV	15 feet
201-300kV	20 feet
301-500kV	25 feet
501-750kV	35 feet
751-1,000kV	45 feet

When the drill rig is in transit, with the boom lowered and no load, the equipment clearance must be at least four (4) feet for voltages less than 50kV, 10 feet for voltages of 50 kV to 345 kV, and 16 feet for voltages above 345 kV.

Hoisting Operations - Drillers should never engage the rotary clutch without watching the rotary table, and ensuring it is clear of personnel and equipment.

Unless the drawworks is equipped with an automatic feed control, the brake should not be left unattended without first being tied down.

Drill pipe, auger strings or casing should be picked up slowly. Drill pipe should not be hoisted until the driller is sure that the pipe is latched in the elevator, or the derrickman has signaled that he may safely hoist the pipe.

During instances of unusual loading of the derrick or mast, such as when making an unusually hard pull, only the driller should be on the rig floor; no one else should be on the rig or derrick.

The brakes on the drawworks of the drill rig should be tested by the driller each day. The brakes should be thoroughly inspected by a competent individual each week.

A hoisting line with a load imposed should not be permitted to be in direct contact with any derrick member or stationary equipment, unless it has been specifically designed for line contact.

Workers should never stand near the borehole whenever any wire line device is being run.

Hoisting control stations should be kept clean and controls labeled as to their functions.

Catline Operations - Only experienced workers will be allowed to operate the cathead controls. The kill switch must be clearly labeled and operational prior to operation of the catline. The cathead area must be kept free of obstructions and entanglements.

The operator should not use more wraps than necessary to pick up the load. More than one layer of wrapping is not permitted.

Personnel should not stand near, step over, or go under a cable or catline which is under tension.

Employees rigging loads on catlines shall:

- Keep out from under the load;
- Keep fingers and feet where they will not be crushed;
- Be sure to signal clearly when the load is being picked;
- Use standard visual signals only and not depend on shouting to coworkers; and
- Make sure the load is properly rigged, since a sudden jerk in the catline will shift or drop the load.

Wire Rope - When two wires are broken or rust or corrosion is found adjacent to a socket or end fitting, the wire rope shall be removed from service or re-socketed. Special attention shall be given to the inspection of end fittings on boom support, pendants, and guy ropes.

Wire rope removed from service due to defects shall be cut up or plainly marked as being unfit for further use as rigging.

Wire rope clips attached with U-bolts shall have the U-bolts on the dead or short end of the rope; the clip nuts shall be re-tightened immediately after initial load carrying use and at frequent intervals thereafter.

When a wedge socket fastening is used, the dead or short end of the wire rope shall have a clip attached to it or looped back and secured to itself by a clip; the clip shall not be attached directly to the live end.

Protruding ends of strands in splices on slings and bridles shall be covered or blunted.

Except for eye splices in the ends of wires and for endless wire rope slings, wire rope used in hoisting, lowering, or pulling loads, shall consist of one continuous piece without knot or splice.

An eye splice made in any wire rope shall have not less that five full tucks.

Wire rope shall not be secured by knots. Wire rope clips shall not be used to splice rope.

Eyes in wire rope bridles, slings, or bull wires shall not be formed by wire clips or knots.

Pipe/Auger Handling - Pipe and auger sections shall be transported by cart or carried by two persons. Individuals should not carry auger or pipe sections without assistance.

Workers should not be permitted on top of the load during loading, unloading, or transferring of pipe or rolling stock.

Employees should be instructed never to try to stop rolling pipe or casing; they should be instructed to stand clear of rolling pipe.

Slip handles should be used to lift and move slips. Employees are not permitted to kick slips into position.

When pipe is being hoisted, personnel should not stand where the bottom end of the pipe could whip and strike them.

Pipe and augers stored in racks, catwalks or on flatbed trucks should be secured to prevent rolling.

9.2.5 SUBSURFACE CHEMICAL SAMPLE/COLLECTION ANALYSIS

Description of Tasks

This sub-task consists of the collection of soil samples for subsequent field and laboratory analysis. The physical hazards of soil sampling are primarily associated with the sample collection methods, procedures utilized, and the environment itself.

Hazard Identification

Incidental contact with COCs is the primary hazard associated with sampling the stabilized material. This contact may occur through the manipulation of sample media and equipment, manual transfer of media into sample containers, and proximity of operations to the breathing zone. The primary hazards associated with these sampling procedures are not potentially serious; however, other operations in the area, or the conditions under which samples must be collected, may present chemical and physical hazards. The hazards directly associated with sampling procedures are generally limited to strains/sprains and potential eye hazards. Potential chemical hazards may include contact with media containing Site COCs and potential contact with chemicals used for equipment decontamination.

Controls

PPE – To control dermal exposure during sampling activities, a minimum of Level D protection will be worn. If necessary, based on field observations and site conditions, air monitoring may be conducted during sediment sampling activities. If the results of air monitoring indicate the presence of airborne contaminants in a concentration causing concern, personnel will upgrade to Level C protection. Refer to Section 5.1, Air Monitoring, for a description of air monitoring requirements and action levels. Air monitoring protocols are also presented in the Community Air

Monitoring Plan (Appendix G of this RAWP). A description of each level of personal protection is included in Section 4.0, Personal Protective Equipment.

9.2.6 UST CLOSURE

9.2.6.1 WORKING IN CONFINED SPACES

Description of Tasks

The project may involve the closure of several underground storage tanks (USTs).

Hazard Identification

Closure activities may require the entrance into confined spaces to facilitate cleaning and removal of the USTs.

Controls

All personnel required to enter confined or enclosed spaces must be instructed as to the nature of the hazards involved, the necessary precautions to be taken, and in the use of required protective and emergency equipment. The PO shall comply with all specific regulations that apply to work in dangerous or potentially dangerous areas. All personnel entering the confined space will have achieved the appropriate OSHA training and the operation will be permitted, as necessary.

9.2.6.2 WORKING WITH COMPRESSED AIR

Description of Tasks

The proposed method of purging the USTs includes the injection of compressed gas into the tank and attached piping network.

Hazard Identification

Uncontrolled release of the highly pressured air can cause injury to FP during this task. Cylinders must also be properly managed to ensure they are not compromised during storage and/or use.

Controls

Pressure Regulation – Compressed air used for cleaning purposes shall be reduced to less than 30 pounds per square inch and then only with effective chip guarding and personal protective equipment.

Cylinder Storage – Valve protection caps shall be in place and secured when compressed gas cylinders are transported, moved, or stored. Cylinder valves shall be closed when work is finished

and when cylinders are empty or are moved. Compressed gas cylinders shall be secured in an upright position at all times, except if necessary for short periods of time when cylinders are actually being hoisted or carried. Cylinders shall be placed in a location where they cannot become part of an electrical circuit.

9.2.7 DECONTAMINATION

All equipment will be decontaminated before leaving the Site. Personnel involved in decontamination activities may be inadvertently exposed to skin contact with contaminated materials and chemicals brought from the EZ. Personnel involved in decontamination activities must wear PPE that is, at a minimum, one level below the level worn by personnel working in the EZ.

9.2.8 DEMOBILIZATION

Demobilization involves the removal of all tools, equipment, supplies, and vehicles brought to the site. The hazards of this phase of activity are associated with heavy equipment operation and manual materials handling.

Manual materials handling may cause blisters, sore muscles, and joint and skeletal injuries; and may present eye, contusion, and laceration hazards. Heavy equipment operation presents noise and vibration hazards, and hot surfaces, to operators. Personnel in the vicinity of heavy equipment operation may be exposed to physical hazards resulting in fractures, contusions, and lacerations and may be exposed to high noise levels. The work area presents slip, trip, and fall hazards from scattered debris and irregular walking surfaces. Rainy weather may cause wet, muddy, slick walking surfaces, and unstable soil. Freezing weather hazards include frozen, slick, and irregular walking surfaces.

Environmental hazards include plants, such as poison ivy and poison oak; aggressive fauna, such as ticks, fleas, mosquitoes, wasps, spiders, and snakes; weather, such as sunburn, lightning, rain, and heat-or cold-related illnesses; and pathogens, such as rabies, Lyme disease, and blood-borne pathogens.

Control procedures for these hazards are discussed in Section 8.0, General Safety Practices.

9.3 CHEMICAL HAZARDS

The chemical hazards associated with Site operations are related to inhalation, ingestion, and skin exposure to Site COCs. Concentrations of airborne COCs during Site tasks may be measurable and will require air monitoring during certain operations. Air monitoring requirements for Site tasks are outlined in Section 5.1. Air monitoring protocols are also presented in the Community Air Monitoring Plan (Appendix E of this RIWP).

COCs at the Site include VOCs, SVOCs, pesticides, PCBs, and metals.

The potential for inhalation of site COCs is moderate. The potential for dermal contact with soils containing Site COCs during remedial operations is moderate. **Table 9.1** lists the primary contaminants that have been identified at the Site and the media in which they are present.

Table 9.1 – List of Primary Contaminants

Media: Soil		
VOCs	**Maximum Concentration (mg/kg)**	**Applicable Monitoring Instrument**
1,1,1-Trichloroethane	0.72	PID
Acetone	0.43	PID
Benzene	0.99	PID
Chloroform	0.88	PID
Toluene	2.5	PID
Trichloroethene	0.68	PID
Xylenes (total)	2.4	PID
PAHs	**Maximum Concentration (mg/kg)**	**Applicable Monitoring Instrument**
Benzo(a)anthracene	14	PID
Benzo(a)pyrene	9.4	PID
Benzo(b)fluoranthene	9.6	PID
Benzo(k)fluoranthene	2.2	PID
Chrysene	13	PID
Benzo(ghi)perylene	5.9	PID
Phenanthrene	12	PID
Dibenzo(a,h) anthracene	1.7	PID
Indeno(1,2,3-cd)pyrene	4.3	PID
Pesticides	**Maximum Concentration (mg/kg)**	**Applicable Monitoring Instrument**
4,4'-DDE	2.36	PID
4,4'-DDD	2.89	PID
4,4'-DDT	2.8	PID
Cis-Chlordane	0.0262	PID
PCBs	**Maximum Concentration (mg/kg)**	**Applicable Monitoring Instrument**
Total PCBs	0.238	PID
Metals	**Maximum Concentration (mg/kg)**	**Applicable Monitoring Instrument**
Arsenic	19.8	Not Applicable
Barium	564	Not Applicable
Chromium, Total	238	Not Applicable
Copper	180	Not Applicable
Lead	420	Not Applicable
Manganese	2,540	Not Applicable
Mercury	3.9	Not Applicable
Zinc	349	Not Applicable

Media: Groundwater		
VOCs	**Maximum Concentration (ug/L)**	**Applicable Monitoring Instrument**
1,2,4,5-Tetramethylbenzene	6.9	PID
PAHs	**Maximum Concentration (ug/L)**	**Applicable Monitoring Instrument**
Benzo(a)anthracene	0.14	PID
Benzo(a)pyrene	0.07	PID
Benzo(b) fluoranthene	0.13	PID
Benzo(k)fluoranthene	0.08	PID
Chrysene	0.18	PID
Indeno(1,2,3-cd)pyrene	0.1	PID
PFAS	**Maximum Concentration (ppt)**	**Applicable Monitoring Instrument**
PFOS	94.1	Not Applicable
PFOA	36.9	Not Applicable
Metals	**Maximum Concentration (ug/L)**	**Applicable Monitoring Instrument**
Chromium	103.3	Not Applicable
Copper	540.7	Not Applicable
Iron	74,200	Not Applicable
Lead	221.1	Not Applicable
Magnesium	42,500	Not Applicable
Manganese	2,188	Not Applicable
Mercury	3.3	Not Applicable
Selenium	39.8	Not Applicable
Sodium	174,000	Not Applicable
Thallium	1.82	Not Applicable

Media: Soil Vapor		
VOCs	**Maximum Concentration (ug/m^3)**	**Applicable Monitoring Instrument**
Trichloroethene	9.67	PID
Tetrachloroethene	1,150	PID

10.0 EMERGENCY PROCEDURES

10.1 GENERAL

Prior to the start of operations, the work area will be evaluated for the potential for fire, contaminant release, or other catastrophic event. Unusual conditions or events, activities, chemicals, and conditions will be reported to the FS/SSO immediately.

The FS/SSO will establish evacuation routes and assembly areas for the Site. All personnel entering the Site will be informed of this route and the assembly area.

10.2 EMERGENCY RESPONSE

If an incident occurs, the following steps will be taken:

- The FS/SSO will evaluate the incident and assess the need for assistance and/or evacuation;
- The FS/SSO will call for outside assistance as needed;
- The FS/SSO will ensure the PM is notified promptly of the incident; and
- The FS/SSO will take appropriate measures to stabilize the incident scene.

10.2.1 FIRE

In the case of a fire at the Site, the FS/SSO will assess the situation and direct fire-fighting activities. The FS/SSO will ensure that the PM is immediately notified of any fires. Site personnel will attempt to extinguish the fire with available extinguishers, if safe to do so. In the event of a fire that Site personnel are unable to safely extinguish with one (1) fire extinguisher, the local fire department will be summoned.

10.2.2 CONTAMINANT RELEASE

In the event of a contaminant release, the following steps will be taken:

- Notify FS/SSO immediately;
- Evacuate immediate area of release;
- Conduct air monitoring to determine needed level of PPE; and
- Don required level of PPE and prepare to implement control procedures.

The FS/SSO has the authority to commit resources as needed to contain and control released material and to prevent its spread to off-Site areas.

10.3 MEDICAL EMERGENCY

All employee injuries must be promptly reported to the SSO/FS, who will:

- Ensure that the injured employee receives prompt first aid and medical attention;
- In emergency situations, the worker is to be transported by appropriate means to the nearest urgent care facility (normally a hospital emergency room); and
- If the injured person is a SESI employee, notify SESI at 973-808-9050.

10.3.1 EMERGENCY CARE STEPS

Survey the scene. Determine if it is safe to proceed. Try to determine if the conditions that caused the incident are still a threat. Protect yourself from exposure before attempting to rescue the victim.

- Do a primary survey of the victim. Check for airway obstruction, breathing, and pulse. Assess likely routes of chemical exposure by examining the eyes, mouth, nose, and skin of the victim for symptoms.
- Phone Emergency Medical Services (EMS). Give the location, telephone number used, caller's name, what happened, number of victims, victim's condition, and help being given.
- Maintain airway and perform rescue breathing as necessary.
- Perform CPR as necessary.

- Do a secondary survey of the victim. Check vital signs and do a head-to-toe exam.

Treat other conditions as necessary. If the victim can be moved, take him/her to a location away from the work area where EMS can gain access.

10.4 FIRST AID GENERAL

All persons must report any injury or illness to their immediate supervisor or the FS. Trained personnel will provide first aid. Injuries and illnesses requiring medical treatment must be documented. The FS and SSO must fill out an accident/incident report as soon as emergency conditions no longer exist and first aid and/or medical treatment has been ensured. The report must be completed and submitted to the PM within 24 hours after the incident.

If first-aid treatment is required, first aid kits are kept at the CRZ. If treatment beyond first aid is required, the injured person(s) should be transported to the medical facility. If the injured person is not ambulatory or shows any sign of not being in a comfortable and stable condition for transport, then an ambulance/paramedics should be summoned. If there is any doubt as to the injured worker's condition, it is best to let the local paramedic or ambulance service examine and transport the worker.

10.4.1 FIRST AID—INHALATION

Any employee complaining of symptoms of chemical overexposure as described in Section 4, General Site Safety Procedures, will be removed from the work area and transported to the designated medical facility for examination and treatment.

10.4.2 FIRST AID—INGESTION

Call EMS and consult a poison control center for advice. If available, refer to the MSDS for treatment information. If the victim is unconscious, keep them on their side and clear the airway if vomiting occurs.

10.4.3 FIRST AID—SKIN CONTACT

Project personnel who have had skin contact with contaminants will, unless the contact is severe, proceed through the CRZ, to the wash area. Personnel will remove any contaminated clothing, and then flush the affected area with water for at least 15 minutes. The worker should be transported to the medical facility if he/she shows any sign of skin reddening, irritation, or if he/she requests a medical examination.

10.4.4 FIRST AID—EYE CONTACT

Project personnel who have had contaminants splashed in their eyes or who have experienced eye irritation while in the EZ, must immediately proceed to the eyewash station in the CRZ. Do not decontaminate prior to using the eyewash. Remove whatever protective clothing is necessary

to use the eyewash. Flush the eye with clean running water for at least 15 minutes. Arrange prompt transport to the designated medical facility.

10.5 REPORTING INJURIES, ILLNESSES, AND SAFETY INCIDENTS

Injuries and illnesses, however minor, will be reported to the FS immediately. The FS will complete an injury report and submit it to the HSM, and the PM by end of shift.

10.6 EMERGENCY INFORMATION

he means to summon local public response agencies such as police, fire, and ambulance will be reviewed in the daily safety meeting. These agencies are identified in **Table 10.1** below.

Table 10.1 – Emergency Contacts

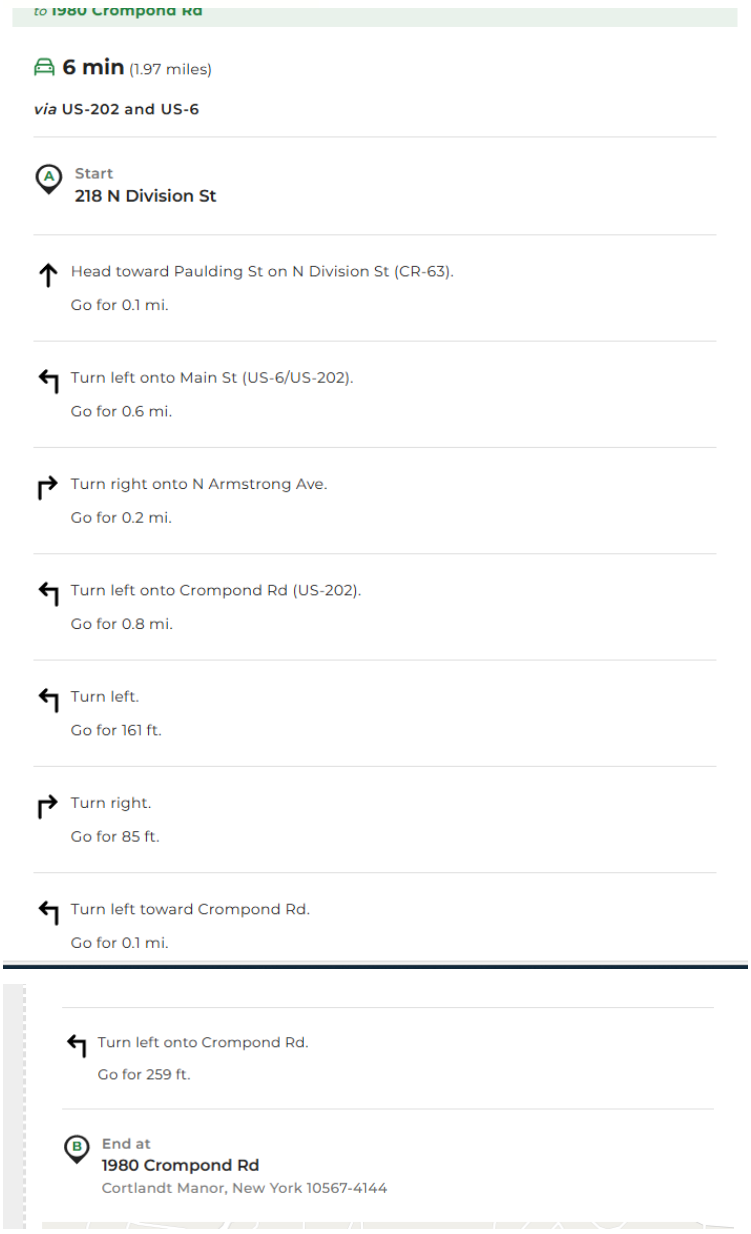
Local Emergency Contacts	Telephone No.
EMERGENCY	911
New York-Presbyterian Hudson Valley Hospital	(914) 737-9000
Police Emergency	911
Fire Emergency	911
Rescue Squad	911
Ambulance	911
Miscellaneous Contacts	**Telephone No.**
N.Y. Poison Control Center	(800) 222-1222
National Response Center and Terrorist Hotline	(800) 424-8802
Center for Disease Control	(800) 311-3435
Utility Mark-Out	(800) 962-7962

10.6.1 DIRECTIONS TO HOSPITAL

New York-Presbyterian Hudson Valley Hospital

1980 Crompount Road, Cortlandt Manor, NY 10567

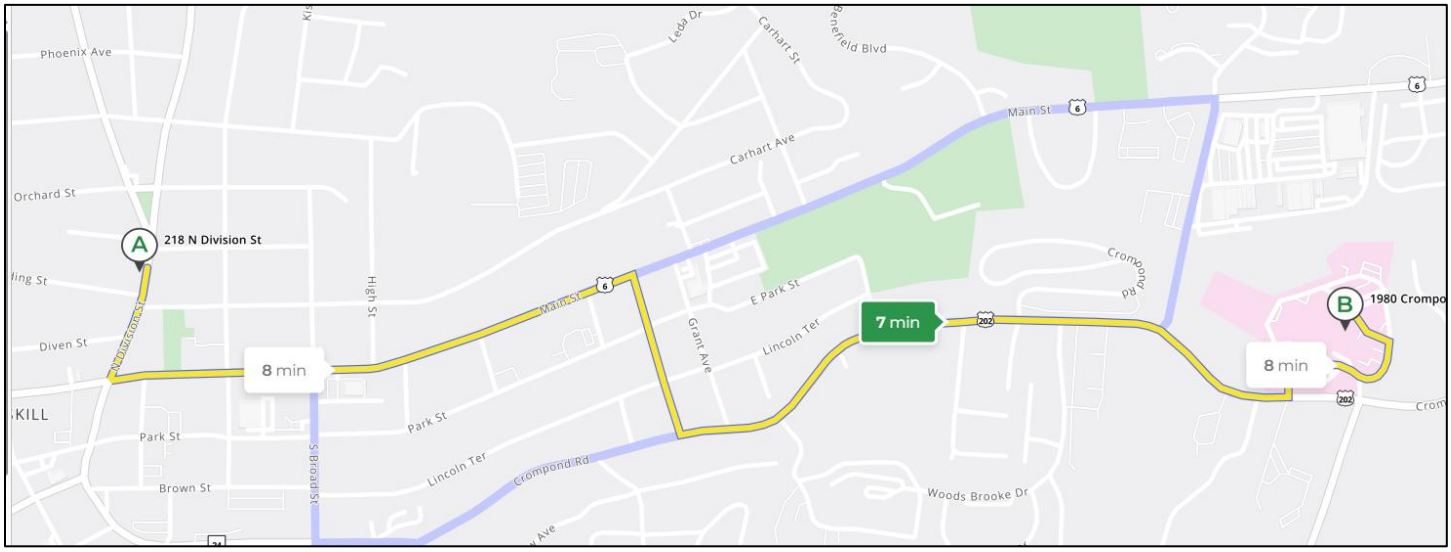
(914)737-9000



Directions to New York-Presbyterian Hudson Valley Hospital is depicted on **Figure 10.1** below**.**

FIGURE 10.1

NEW YORK-PRESBYTERIAN HUDSON VALLEY HOSPITAL, CORTLANDT MANOR, NY



11.0 LOGS, REPORTS, AND RECORDKEEPING

11.1 HASP AND FIELD CHANGE REPORT

The following is a summary of required health and safety logs, reports, and record keeping for the operations at the subject Site. The field change request form is presented as Attachment 3.

11.2 MEDICAL AND TRAINING RECORDS

The HSM must obtain and keep a log of personnel meeting appropriate training and medical qualifications for the site work. The log will be kept in the project file. Each company's Human Resources Department will maintain medical records, in accordance with 29 CFR 1910.1020.

11.3 EXPOSURE RECORDS

Any personnel monitoring results, laboratory reports, calculations, and air sampling data sheets are part of an employee exposure record. These records will be kept in accordance with 29 CFR 1910.1020. For SESI employees, the originals will be sent to the Human Resources Manager. For subcontractor employees, the original file will be sent to the subcontractor employer with a copy maintained in the SESI project file.

11.4 ACCIDENT/INCIDENT REPORT

Any accident/incident reports must be completed following procedures given in Section 10.5 of this HASP. The originals will be sent to the HSM for maintenance. A copy of the forms will be kept in the project file. (See Attachment 4).

11.5 OSHA FORM 200

An OSHA Form 200 (Log of Occupational Injuries and Illnesses) will be kept at the project Site. All recordable injuries or illnesses will be recorded on this form. At the end of the project, the original will be sent to the Human Resources Manager for maintenance. Subcontractor employees must also meet the requirements of maintaining an OSHA 200 Form. The accident/incident report meets the requirements of OSHA Form 101 (Supplemental Record), which must be maintained with the OSHA Form 200 for all recordable injuries or illnesses.

11.6 ON-SITE HEALTH AND SAFETY FIELD LOGBOOK

The HSM or designee will maintain an on-Site health and safety logbook in which daily Site conditions, activities, personnel, and significant events will be recorded. Calibration records and personnel monitoring results, if available, will also be recorded in the field logbook. The original logbook will be kept in the project file.

Whenever any personnel monitoring is conducted onsite, the monitoring results will be noted in the filed logbook. These will become part of the exposure records file and will be maintained by the HSM.

A signatory page is included (See Attachment 5) and is to be signed by those working on and/or visiting the Site.

11.7 MATERIAL DATA SAFETY SHEETS

Material Safety Data Sheets (MSDS) will be obtained and kept on file at the project site for each hazardous chemical brought to, use, or stored at the Site (See Attachment 6).

12.0 COVID RESPONSE ACTION PLAN

SESI is concerned with the safety and well-being of its employees, vendors, subcontractors, and others with access to its offices and job sites, with particular emphasis on the unique challenges posed by COVID-19.

SESI has established the following protocols in keeping with the recommendations of the CDC and other sources including State Governor Executive Orders for work taking place on construction sites.

We request that all SESI employees, vendors, and subcontractors help with our prevention efforts while at work.

In order to minimize the spread of COVID-19, we must all cooperate in doing the following:

- Frequently wash your hands with soap and water for at least 20 seconds. When soap and running water are unavailable, use an alcohol-based hand rub with at least 60% alcohol. Always wash hands that are visibly soiled.
- Cover your mouth and nose with a tissue when you cough or sneeze or use the inside of your elbow.
- Discourage handshaking, avoid touching your eyes, nose, or mouth with unwashed hands.
- Limit the sharing of tools, machinery, equipment, phones, desks, and computers.
- Wear cloth face coverings on all construction sites.
- Avoid close contact with people who are sick.
- Employees who have symptoms (i.e., fever, cough, or shortness of breath) should notify their supervisor and stay home—DO NOT GO TO WORK.
- Sick employees should follow CDC-recommended steps. Employees should not return to work until the criteria to discontinue home isolation are met, in consultation with healthcare providers and state and local health departments.

The following are the specific jobsite protocols and response actions to be taken in the event someone on Site has been in contact with, or has themselves, the COVID-19 virus:

OFFICE/JOBSITE PROTOCOL

- If an employee/worker exhibits COVID-19 symptoms, the employee/worker must remain at home until he or she is symptom free for 72 hours (three [3] full days) without the use of fever-reducing or other symptom-altering medicines (e.g. acetaminophen, cough suppressants). SESI will similarly require an employee or worker that reports to work with symptoms to return home until they are symptom free for 72 hours (three [3] full days).
- Limit person to person contact, and when unavoidable, maintain CDC distancing guidelines.
- Avoid eating lunch in groups.
- Avoid in-person meetings if possible. If an in-person meeting is necessary, conduct it in a well-ventilated area with enough space for attendees to distance themselves from one another. Field jobsite meetings should be conducted in smaller group meetings (no more than five [5] persons when possible) versus one large meeting.
- Only workers necessary to the execution of the work should be at the jobsites. No non-essential visitors should be permitted at the worksite.

RESPONSE ACTION TRIGGER EVENTS:

- an employee/worker at work has tested positive for COVID-19
- an employee/worker at work has suspected, but unconfirmed, case of COVID-19
- an employee/worker self-reported that they came in contact with someone who had a presumptive positive case of COVID-19
- an employee/worker has been exposed to the virus but only found out after they have interacted with others

RESPONSE ACTIONS:

- Upon occurrence of any of the Trigger Events above, employees/subcontractors shall notify SESI Management about the suspected employee/worker infected with, or exposed to, COVID-19.
- SESI Management will investigate the incident to confirm the report is valid.
- Employees/Subcontractors shall investigate their respective infected employee(s) and report the following to SESI Management and HR:
    - Identify all individuals who worked in proximity (six feet) of the infected employee/worker,
    - Employee(s)/Worker(s) infected with the COVID-19 virus, and employee(s)/worker(s) that came in contact with the infected employee/worker shall be sent home for a period of 14 days,
    - Do not identify the infected employee/worker by name to avoid violation of privacy/confidentiality laws, and,
    - Keep SESI Management informed of progress and updates.

- If an infected person was in the office, SESI will clean and disinfect common areas and surfaces, in accordance with CDC recommendations.
- SESI Management will notify affected employees/workers of the Trigger Event and instruct them to take the response actions above.

- **SESI Management policy requires written documentation from a health care professional that confirmed infected employees can return to work.**

Except for circumstances in which SESI is legally required to report workplace occurrences of communicable disease, the confidentiality of all medical conditions will be maintained in accordance with applicable law and to the extent practical under the circumstances. When required, the number of persons who will be informed of an employee's/worker's condition will be kept at the minimum needed to appropriately notify other potentially affected employees/workers of Trigger Events and to attempt to minimize the potential for transmission of the virus.

Attachment 1:
Air Monitor Log

Air Monitoring: Sample Collection and Analysis

Date & Time of Monitoring	Task / Operation Being	Substance(s)/ Hazard(s) Being	Monitoring Location	Type/Method of Monitoring	Monitoring Results	Exposure Limits	Required Action

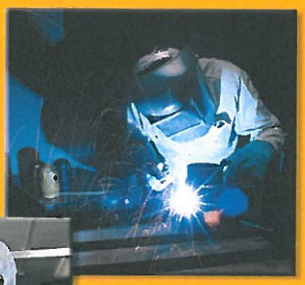
Attachment 2:
OSHA Poster

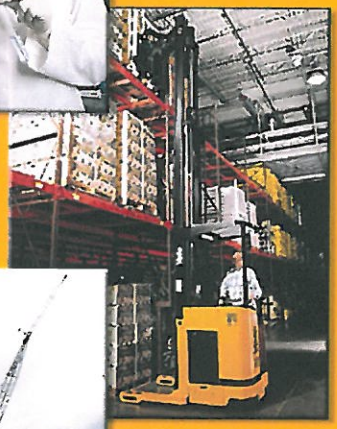
Job Safety and Health

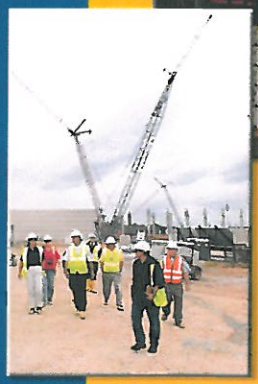
It's the law!

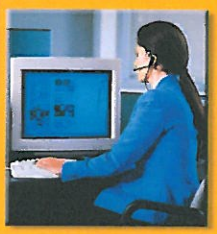
OSHA®

Occupational Safety and Health Administration
U.S. Department of Labor









EMPLOYEES:

- You have the right to notify your employer or OSHA about workplace hazards. You may ask OSHA to keep your name confidential.
- You have the right to request an OSHA inspection if you believe that there are unsafe and unhealthful conditions in your workplace. You or your representative may participate in that inspection.
- You can file a complaint with OSHA within 30 days of retaliation or discrimination by your employer for making safety and health complaints or for exercising your rights under the *OSH Act*.
- You have the right to see OSHA citations issued to your employer. Your employer must post the citations at or near the place of the alleged violations.
- Your employer must correct workplace hazards by the date indicated on the citation and must certify that these hazards have been reduced or eliminated.
- You have the right to copies of your medical records and records of your exposures to toxic and harmful substances or conditions.
- Your employer must post this notice in your workplace.
- You must comply with all occupational safety and health standards issued under the *OSH Act* that apply to your own actions and conduct on the job.

EMPLOYERS:

- You must furnish your employees a place of employment free from recognized hazards.
- You must comply with the occupational safety and health standards issued under the *OSH Act*.

This free poster available from OSHA –
The Best Resource for Safety and Health

Free assistance in identifying and correcting hazards or complying with standards is available to employers, without citation or penalty, through OSHA-supported consultation programs in each state.

1-800-321-OSHA (6742)
www.osha.gov

OSHA 3165-02 2012R

Attachment 3:
Field Change Request Form

HEALTH & SAFETY PLAN
CHANGE NOTICE

Pages _____ of _____

Project: H&S-CN

1) HASP VERSION: _____ SECTION: _____ PAGE (s): _____

RE: --- Change to existing HASP Anticipated Revision Date: _____
--- Addition to existing HASP
--- Other: _____
_____CONT._____

2) PROPOSED CHANGE: _____
_____
_____
_____

3) REASON FOR PROPOSED CHANGE(s):
--- Required by SPEC or Change Order --- Other: _____
--- Disposition of Deficiency _____CONT._____
--- Change in Regulatory or Other Requirements
--- Operational Experience

4) EXHIBITS ATTACHED ____ NO ____ YES (If YES, describe) _____
_____CONT._____

5) PMK APPROVALS PROJECT MANAGER: _____ Date: _____
SITE MANAGER: _____ Date: _____
H&S MANAGER: _____ Date: _____

Client Approval Required: ____ NO ____ YES (If YES, date submitted) _____

6) CLIENT APPROVAL _____ APPROVED _____ REMANDED _____ REJECTED

Comments: _____
_____
_____ CONT._____

Client Representative: _____Date: _____

7) DISTRIBUTION AFTER APPROVAL

X HASP UPDATE LIST --- OTHER: _____
X CLIENT _____
X PROJECT FILES _____

8) PREPARED BY: _____Date: _____
Title: _____

Attachment 4:

Injury Report Form

OSHA's Form 301
Injury and Illness Incident Report

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

This *Injury and Illness Incident Report* is one of the first forms you must fill out when a recordable work-related injury or illness has occurred. Together with the *Log of Work-Related Injuries and Illnesses* and the accompanying *Summary*, these forms help the employer and OSHA develop a picture of the extent and severity of work-related incidents.

Within 7 calendar days after you receive information that a recordable work-related injury or illness has occurred, you must fill out this form or an equivalent. Some state workers' compensation, insurance, or other reports may be acceptable substitutes. To be considered an equivalent form, any substitute must contain all the information asked for on this form.

According to Public Law 91-596 and 29 CFR 1904, OSHA's recordkeeping rule, you must keep this form on file for 5 years following the year to which it pertains.

If you need additional copies of this form, you may photocopy and use as many as you need.

Completed by _____

Title _____

Phone (_____)_____-_____ Date ____/ ____/ ____

Information about the employee

1) Full name _____

2) Street _____

City _____ State _____ ZIP _____

3) Date of birth ____/ ____/ ____

4) Date hired ____/ ____/ ____

5) ☐ Male
☐ Female

Information about the physician or other health care professional

6) Name of physician or other health care professional _____

_____

7) If treatment was given away from the worksite, where was it given?

Facility _____

Street _____

City _____ State _____ ZIP _____

8) Was employee treated in an emergency room?
☐ Yes
☐ No

9) Was employee hospitalized overnight as an in-patient?
☐ Yes
☐ No

Information about the case

10) Case number from the *Log* _____ *(Transfer the case number from the Log after you record the case.)*

11) Date of injury or illness ____/ ____/ ____

12) Time employee began work _____ AM / PM

13) Time of event _____ AM / PM ☐ Check if time cannot be determined

14) ***What was the employee doing just before the incident occurred?*** Describe the activity, as well as the tools, equipment, or material the employee was using. Be specific. *Examples:* "climbing a ladder while carrying roofing materials"; "spraying chlorine from hand sprayer"; "daily computer key-entry."

15) ***What happened?*** Tell us how the injury occurred. *Examples:* "When ladder slipped on wet floor, worker fell 20 feet"; "Worker was sprayed with chlorine when gasket broke during replacement"; "Worker developed soreness in wrist over time."

16) ***What was the injury or illness?*** Tell us the part of the body that was affected and how it was affected; be more specific than "hurt," "pain," or sore." *Examples:* "strained back"; "chemical burn, hand"; "carpal tunnel syndrome."

17) ***What object or substance directly harmed the employee?*** *Examples:* "concrete floor"; "chlorine"; "radial arm saw." *If this question does not apply to the incident, leave it blank.*

18) ***If the employee died, when did death occur?*** Date of death ____/ ____/ ____

Public reporting burden for this collection of information is estimated to average 22 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Persons are not required to respond to the collection of information unless it displays a current valid OMB control number. If you have any comments about this estimate or any other aspects of this data collection, including suggestions for reducing this burden, contact: US Department of Labor, OSHA Office of Statistical Analysis, Room N-3644, 200 Constitution Avenue, NW, Washington, DC 20210. Do not send the completed forms to this office.

OSHA's Form 300 (Rev. 01/2004)

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 20__ __

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

You must record information about every work-related death and about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR Part 1904.8 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an Injury and Illness Incident Report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Establishment name _____

City _____ State _____

Identify the person			Describe the case			Classify the case (CHECK ONLY ONE box for each case based on the most serious outcome for that case:)				Enter the number of days the injured or ill worker was:		Check the "Injury" column or choose one type of illness:					
								Remained at Work				(M)					
(A) Case no.	(B) Employee's name	(C) Job title (*e.g., Welder*)	(D) Date of injury or onset of illness	(E) Where the event occurred (*e.g., Loading dock north end*)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (*e.g., Second degree burns on right forearm from acetylene torch*)	Death (G)	Days away from work (H)	Job transfer or restriction (I)	Other recordable cases (J)	Away from work (K)	On job transfer or restriction (L)	Injury (1)	Skin disorder (2)	Respiratory condition (3)	Poisoning (4)	Hearing loss (5)	All other illnesses (6)
____			__/__ month/day			☐	☐	☐	☐	____ days	____ days	☐	☐	☐	☐	☐	☐
____			__/__ month/day			☐	☐	☐	☐	____ days	____ days	☐	☐	☐	☐	☐	☐
____			__/__ month/day			☐	☐	☐	☐	____ days	____ days	☐	☐	☐	☐	☐	☐
____			__/__ month/day			☐	☐	☐	☐	____ days	____ days	☐	☐	☐	☐	☐	☐
____			__/__ month/day			☐	☐	☐	☐	____ days	____ days	☐	☐	☐	☐	☐	☐
____			__/__ month/day			☐	☐	☐	☐	____ days	____ days	☐	☐	☐	☐	☐	☐
____			__/__ month/day			☐	☐	☐	☐	____ days	____ days	☐	☐	☐	☐	☐	☐
____			__/__ month/day			☐	☐	☐	☐	____ days	____ days	☐	☐	☐	☐	☐	☐
____			__/__ month/day			☐	☐	☐	☐	____ days	____ days	☐	☐	☐	☐	☐	☐
____			__/__ month/day			☐	☐	☐	☐	____ days	____ days	☐	☐	☐	☐	☐	☐
____			__/__ month/day			☐	☐	☐	☐	____ days	____ days	☐	☐	☐	☐	☐	☐
____			__/__ month/day			☐	☐	☐	☐	____ days	____ days	☐	☐	☐	☐	☐	☐
____			__/__ month/day			☐	☐	☐	☐	____ days	____ days	☐	☐	☐	☐	☐	☐
Page totals ➤						____	____	____	____	____	____	____	____	____	____	____	____

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Public reporting burden for this collection of information is estimated to average 14 minutes per response, including time to review the instructions, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any other aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistical Analysis, Room N-3644, 200 Constitution Avenue, NW, Washington, DC 20210. Do not send the completed forms to this office.

Injury (1) Skin disorder (2) Respiratory condition (3) Poisoning (4) Hearing loss (5) All other illnesses (6)

OSHA's Form 300A (Rev. 01/2004)

Summary of Work-Related Injuries and Illnesses

Year 20__ __

U.S. Department of Labor
Occupational Safety and Health Administration

Form approved OMB no. 1218-0176

All establishments covered by Part 1904 must complete this Summary page, even if no work-related injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete and accurate before completing this summary.

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the Log. If you had no cases, write "0."

Employees, former employees, and their representatives have the right to review the OSHA Form 300 in its entirety. They also have limited access to the OSHA Form 301 or its equivalent. See 29 CFR Part 1904.35, in OSHA's recordkeeping rule, for further details on the access provisions for these forms.

Number of Cases

Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
_____	_____	_____	_____
(G)	(H)	(I)	(J)

Number of Days

Total number of days away from work	Total number of days of job transfer or restriction
_____	_____
(K)	(L)

Injury and Illness Types

Total number of . . .	(M)		
(1) Injuries	_____	(4) Poisonings	_____
		(5) Hearing loss	_____
(2) Skin disorders	_____	(6) All other illnesses	_____
(3) Respiratory conditions	_____		

Post this Summary page from February 1 to April 30 of the year following the year covered by the form.

Public reporting burden for this collection of information is estimated to average 58 minutes per response, including time to review the instructions, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments about these estimates or any other aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistical Analysis, Room N-3644, 200 Constitution Avenue, NW, Washington, DC 20210. Do not send the completed forms to this office.

Establishment information

Your establishment name _____

Street _____

City _____ State _____ ZIP _____

Industry description (*e.g., Manufacture of motor truck trailers*)

_____

Standard Industrial Classification (SIC), if known (*e.g., 3715*)

__ __ __ __

OR

North American Industrial Classification (NAICS), if known (e.g., 336212)

__ __ __ __ __ __

Employment information *(If you don't have these figures, see the Worksheet on the back of this page to estimate.)*

Annual average number of employees _____

Total hours worked by all employees last year _____

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

_____ _____
Company executive Title

( ) - / /
Phone Date

Attachment 5:
Signatory Page

Attachment 5 – Site-Specific Health and Safety Orientation Signatory Page
HEALTH AND SAFETY PLAN

Title	Name	Signature
Project Manager:	TBD	
Health and Safety Manager:	TBD	

I have read the attached Health and Safety Plan (HASP)and have received site-specific information and orientation regarding the identified physical, chemical, and biological hazards anticipated at this site. My signature certifies that I understand the procedures, equipment, and restrictions applicable to this project site and agree to abide by them.

Signature	Printed Name	Company	Date

Attachment 5– Health and Safety Orientation Signatory Page (continued)

Signature	Printed Name	Company	Date

Attachment 6:

Material Safety Data Sheets

Safety Data Sheet
acc. to OSHA HCS

Printing date 04/11/2019 Version Number 2 Reviewed on 04/11/2019

*
1 Identification

· **Product identifier**

· **Trade name: 1,1,1,-trichloroethane**

· **Part number:** N-2475, N-2475-2G
· **CAS Number:**
71-55-6
· **EC number:**
200-756-3
· **Index number:**
602-013-00-2
· **Application of the substance / the mixture** Reagents and Standards for Analytical Chemical Laboratory Use

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
Agilent Technologies, Inc.
5301 Stevens Creek Blvd.
Santa Clara, CA 95051 USA

· **Information department:**
Telephone: 800-227-9770
e-mail: pdl-msds_author@agilent.com
· **Emergency telephone number:** CHEMTREC®: 1-800-424-9300

*
2 Hazard(s) identification

· **Classification of the substance or mixture**

GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.

GHS07

Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.

· **Label elements**
· **GHS label elements** The substance is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms**

GHS07 GHS08

· **Signal word** Warning

· **Hazard-determining components of labeling:**
1,1,1-trichloroethane
· **Hazard statements**
Causes skin irritation.
Causes serious eye irritation.

(Contd. on page 2)

(Contd. of page 1)

Suspected of causing cancer.

· **Precautionary statements**
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
If on skin: Wash with plenty of water.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Specific treatment (see on this label).
Take off contaminated clothing and wash it before reuse.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**

Health = 2
Fire = 3
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

Health = 2
Fire = 3
Reactivity = 0

· **Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Substances**
· **CAS No. Description**
71-55-6 1,1,1-trichloroethane
· **Identification number(s)**
· **EC number:** 200-756-3
· **Index number:** 602-013-00-2

*

4 First-aid measures

· **Description of first aid measures**
· **General information:** Immediately remove any clothing soiled by the product.
· **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
· **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

(Contd. on page 3)

Safety Data Sheet
acc. to OSHA HCS

(Contd. of page 2)

· **After swallowing:** If symptoms persist consult doctor.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

*
5 Fire-fighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:**
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **Special hazards arising from the substance or mixture** No further relevant information available.
· **Advice for firefighters**
· **Protective equipment:** No special measures required.

*
6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** Not required.
· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
· **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
· **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
· **Protective Action Criteria for Chemicals**

· **PAC-1:**
230 ppm
· **PAC-2:**
600 ppm
· **PAC-3:**
4,200 ppm

*
7 Handling and storage

· **Handling:**
· **Precautions for safe handling** Open and handle receptacle with care.
· **Information about protection against explosions and fires:** Keep respiratory protective device available.

· **Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** No special requirements.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:** Keep receptacle tightly sealed.
· **Specific end use(s)** No further relevant information available.

(Contd. on page 4)

(Contd. of page 3)

*

8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**	
71-55-6 1,1,1-trichloroethane	
PEL	Long-term value: 1900 mg/m³, 350 ppm
REL	Ceiling limit value: 1900* mg/m³, 350* ppm *15-min; See Pocket Guide App. C
TLV	Short-term value: 2460 mg/m³, 450 ppm Long-term value: 1910 mg/m³, 350 ppm BEI

· **Ingredients with biological limit values:**	
71-55-6 1,1,1-trichloroethane	
BEI	40 ppm Medium: end-exhaled air Time: prior to last shift of workweek Parameter: Methyl chloroform 10 mg/L Medium: urine Time: end of workweek Parameter: Trichloroacetic acid (nonspecific, semi-quantitative) 30 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Total trichloroethanol (nonspecific, semi-quantitative) 1 mg/L Medium: blood Time: end of shift at end of workweek Parameter: Total trichloroethanol (nonspecific)

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes and skin.

· **Breathing equipment:**

When used as intended with Agilent instruments, the use of the product under normal laboratory conditions and with standard practices does not result in significant airborne exposures and therefore respiratory protection is not needed.
Under an emergency condition where a respirator is deemed necessary, use a NIOSH or equivalent approved device/equipment with appropriate organic or acid gas cartridge.

(Contd. on page 5)

(Contd. of page 4)

· **Protection of hands:**
Although not recommended for constant contact with the chemicals or for clean-up, nitrile gloves 11-13 mil thickness are recommended for normal use. The breakthrough time is 1 hr. For cleaning a spill where there is direct contact of the chemical, butyl rubber gloves are recommended 12-15 mil thickness with breakthrough times exceeding 4 hrs. Supplier recommendations should be followed.
· **Material of gloves**
For normal use: nitrile rubber, 11-13 mil thickness
For direct contact with the chemical: butyl rubber, 12-15 mil thickness
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
· **Penetration time of glove material**
For normal use: nitrile rubber: 1 hour
For direct contact with the chemical: butyl rubber: >4 hours
· **Eye protection:**

Tightly sealed goggles

*

9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Appearance:**	
Form:	Fluid
Color:	Colorless
· **Odor:**	Like chlorine
· **Odor threshold:**	Not determined.
· **pH-value:**	Not determined.
· **Change in condition**	
Melting point/Melting range:	-35 °C (-31 °F)
Boiling point/Boiling range:	72-75 °C (161.6-167 °F)
· **Flash point:**	Not applicable.
· **Flammability (solid, gaseous):**	Not applicable.
· **Ignition temperature:**	537 °C (998.6 °F)
· **Decomposition temperature:**	Not determined.
· **Auto igniting:**	Not determined.
· **Danger of explosion:**	Product does not present an explosion hazard.
· **Explosion limits:**	
Lower:	8 Vol %
Upper:	15.5 Vol %
· **Vapor pressure at 20 °C (68 °F):**	133.3 hPa (100 mm Hg)
· **Density at 20 °C (68 °F):**	1.3 g/cm³ (10.8485 lbs/gal)
· **Relative density**	Not determined.

(Contd. on page 6)

(Contd. of page 5)

· **Vapor density**	Not determined.
· **Evaporation rate**	Not determined.
· **Solubility in / Miscibility with Water at 20 °C (68 °F):**	0.13 g/l
· **Partition coefficient (n-octanol/water):**	Not determined.
· **Viscosity:**	
Dynamic:	Not determined.
Kinematic:	Not determined.
Organic solvents:	100.0 %
VOC content:	0.00 % 0.0 g/l / 0.00 lb/gal
Solids content:	0.0 %
· **Other information**	No further relevant information available.

10 Stability and reactivity

· **Reactivity** No further relevant information available.
· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Possibility of hazardous reactions** No dangerous reactions known.
· **Conditions to avoid** No further relevant information available.
· **Incompatible materials:** No further relevant information available.
· **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· **Information on toxicological effects**
· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**		
71-55-6 1,1,1-trichloroethane		
Oral	LD50	10,300 mg/kg (rat)

· **Primary irritant effect:**
· **on the skin:** Irritant to skin and mucous membranes.
· **on the eye:** Irritating effect.
· **Sensitization:** No sensitizing effects known.
· **Additional toxicological information:**

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**
3

· **NTP (National Toxicology Program)**
Substance is not listed.

(Contd. on page 7)

Safety Data Sheet
acc. to OSHA HCS

(Contd. of page 6)

· **OSHA-Ca (Occupational Safety & Health Administration)**

Substance is not listed.

12 Ecological information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.
· **Behavior in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Additional ecological information:**
· **General notes:**
Water hazard class 3 (Assessment by list): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**
· **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**
· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **UN-Number**	
· **DOT, IMDG, IATA**	UN2831
· **UN proper shipping name**	
· **DOT**	1,1,1-Trichloroethane
· **IMDG, IATA**	1,1,1-TRICHLOROETHANE
· **Transport hazard class(es)**	
· **DOT, IMDG, IATA**	

· **Class**	6.1 Toxic substances
· **Label**	6.1

(Contd. on page 8)

(Contd. of page 7)

· **Packing group**	
· **DOT, IMDG, IATA**	III
· **Environmental hazards:**	Not applicable.
· **Special precautions for user**	Warning: Toxic substances
· **Danger code (Kemler):**	60
· **EMS Number:**	6.1-02
· **Segregation groups**	Liquid halogenated hydrocarbons
· **Stowage Category**	A
· **Stowage Code**	SW2 Clear of living quarters.
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable.
· **Transport/Additional information:**	
· **DOT**	
· **Quantity limitations**	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L
· **Hazardous substance:**	1000 lbs, 454 kg
· **IMDG**	
· **Limited quantities (LQ)**	5L
· **Excepted quantities (EQ)**	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· **UN "Model Regulation":**	UN 2831 1,1,1-TRICHLOROETHANE, 6.1, III

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Sara**

· **Section 355 (extremely hazardous substances):**
Substance is not listed.

· **Section 313 (Specific toxic chemical listings):**
Substance is listed.

· **TSCA (Toxic Substances Control Act):**
Substance is listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**
Substance is not listed.

· **Chemicals known to cause reproductive toxicity for females:**
Substance is not listed.

· **Chemicals known to cause reproductive toxicity for males:**
Substance is not listed.

· **Chemicals known to cause developmental toxicity:**
Substance is not listed.

(Contd. on page 9)

Safety Data Sheet
acc. to OSHA HCS

Trade name: 1,1,1,-trichloroethane

(Contd. of page 8)

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**
II

· **TLV (Threshold Limit Value established by ACGIH)**
A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**
Substance is not listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

*
16 Other information

The information contained in this document is based on Agilent's state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.

· **Date of preparation / last revision** 04/11/2019 / 1

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Carc. 2: Carcinogenicity – Category 2

· *** Data compared to the previous version altered.**

SAFETY DATA SHEET

Version 5.6
Revision Date 05/07/2018
Print Date 01/21/2019

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : 4,4′-DDT

Product Number : 31041
Brand : Sigma-Aldrich
Index-No. : 602-045-00-7

CAS-No. : 50-29-3

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich
3050 Spruce Street
SAINT LOUIS MO 63103
USA

Telephone : +1 800-325-5832
Fax : +1 800-325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Acute toxicity, Oral (Category 3), H301
Acute toxicity, Dermal (Category 3), H311
Carcinogenicity (Category 2), H351
Specific target organ toxicity - repeated exposure, Oral (Category 1), H372
Acute aquatic toxicity (Category 1), H400
Chronic aquatic toxicity (Category 1), H410

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)
H301 + H311 Toxic if swallowed or in contact with skin.
H351 Suspected of causing cancer.
H372 Causes damage to organs through prolonged or repeated exposure if swallowed.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and

	understood.
P260	Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/ protective clothing.
P281	Use personal protective equipment as required.
P301 + P310 + P330	IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth.
P302 + P352 + P312	IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/ physician if you feel unwell.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P361	Remove/Take off immediately all contaminated clothing.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms	:	1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane 1,1-Bis(4-chlorophenyl)-2,2,2-trichloroethane
Formula	:	$C_{14}H_9Cl_5$
Molecular weight	:	354.49 g/mol
CAS-No.	:	50-29-3
EC-No.	:	200-024-3
Index-No.	:	602-045-00-7

Hazardous components

Component	Classification	Concentration
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane		
	Acute Tox. 3; Carc. 2; STOT RE 1; Aquatic Acute 1; Aquatic Chronic 1; H301 + H311, H351, H372, H410	90 - 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
No data available

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid formation of dust and aerosols.Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.
Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.
Storage class (TRGS 510): 6.1D: Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	TWA	1 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Liver damage Confirmed animal carcinogen with unknown relevance to humans		

		TWA	0.5 mg/m3	USA. NIOSH Recommended Exposure Limits
		Potential Occupational Carcinogen See Appendix A		
		TWA	1 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		Skin designation		
		PEL	1 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
		Skin		

8.2 Exposure controls

Appropriate engineering controls
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection
Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection
Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance Form: solid

b)	Odour	No data available
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: 107 - 110 °C (225 - 230 °F) - lit.
f)	Initial boiling point and boiling range	260.0 °C (500.0 °F)
g)	Flash point	72.0 - 77.0 °C (161.6 - 170.6 °F)
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	0.0000021 hPa (0.0000016 mmHg) at 20.0 °C (68.0 °F)
l)	Vapour density	No data available
m)	Relative density	0.99 g/cm3
n)	Water solubility	No data available
o)	Partition coefficient: n-octanol/water	log Pow: 6.91
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
Oxidizing agents, Iron and iron salts.

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen chloride gas
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - Rat - 87.0 mg/kg

Inhalation: No data available

LD50 Dermal - Rabbit - 300.0 mg/kg
Remarks: Behavioral:Tremor. Behavioral:Muscle weakness. Behavioral:Ataxia.

No data available

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitisation
No data available

Germ cell mutagenicity
No data available

Carcinogenicity

Limited evidence of carcinogenicity in animal studies

IARC:	2A - Group 2A: Probably carcinogenic to humans (1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane)
IARC:	2A - Group 2A: Probably carcinogenic to humans (1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane)
NTP:	RAHC - Reasonably anticipated to be a human carcinogen (1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane)
NTP:	RAHC - Reasonably anticipated to be a human carcinogen (1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane)
OSHA:	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity
No data available

No data available

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
Ingestion - Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard
No data available

Additional Information
RTECS: KJ3325000

CNS stimulation.

Pancreas. -

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish	LC50 - Pimephales promelas (fathead minnow) - 0.01 mg/l - 96.0 h
	LC50 - Lepomis macrochirus (Bluegill) - 0.01 mg/l - 96.0 h
	LC50 - Oncorhynchus mykiss (rainbow trout) - 0.003400 mg/l - 96.0 h
	LOEC - Oncorhynchus mykiss (rainbow trout) - 150 mg/l - 3.0 d
	NOEC - Oncorhynchus mykiss (rainbow trout) - 113 mg/l - 3.0 d
Toxicity to daphnia and other aquatic invertebrates	Immobilization EC50 - Daphnia magna (Water flea) - 0.00108 mg/l - 48 h
Toxicity to algae	LC100 - Scenedesmus quadricauda (Green algae) - > 20 mg/l - 7 d

12.2 Persistence and degradability

12.3 Bioaccumulative potential

Bioaccumulation	Oncorhynchus mykiss (rainbow trout) - 20 d - 0.001 mg/l
	Bioconcentration factor (BCF): 46,670

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)

UN number: 2811 Class: 6.1 Packing group: III
Proper shipping name: Toxic solids, organic, n.o.s. (1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane)
Reportable Quantity (RQ): 1 lbsMarine pollutant:yes
Poison Inhalation Hazard: No

IMDG

UN number: 2811 Class: 6.1 Packing group: III EMS-No: F-A, S-A
Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane)
Marine pollutant:yes

IATA

UN number: 2811 Class: 6.1 Packing group: III
Proper shipping name: Toxic solid, organic, n.o.s. (1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane)

15. REGULATORY INFORMATION

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	1993-02-16

	CAS-No.	Revision Date
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	1993-02-16

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	1993-02-16

	CAS-No.	Revision Date
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	1993-02-16

	CAS-No.	Revision Date
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	1993-02-16

New Jersey Right To Know Components

	CAS-No.	Revision Date
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	1993-02-16

	CAS-No.	Revision Date
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	1993-02-16

California Prop. 65 Components

	CAS-No.	Revision Date
WARNING! This product contains a chemical known to the State of California to cause cancer. 1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	2008-06-17
WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. 1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	2008-06-17
WARNING! This product contains a chemical known to the State of California to cause cancer. 1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	2008-06-17
WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. 1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	2008-06-17

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity
Aquatic Chronic	Chronic aquatic toxicity
Carc.	Carcinogenicity
H301	Toxic if swallowed.
H301 + H311	Toxic if swallowed or in contact with skin.
H311	Toxic in contact with skin.
H351	Suspected of causing cancer.
H372	Causes damage to organs through prolonged or repeated exposure if swallowed.

HMIS Rating

Health hazard:	2
Chronic Health Hazard:	*
Flammability:	0
Physical Hazard	0

NFPA Rating

Health hazard:	2
Fire Hazard:	2
Reactivity Hazard:	0

Further information

Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information

Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956

Version: 5.6 Revision Date: 05/07/2018 Print Date: 01/21/2019

SAFETY DATA SHEET

Version 5.5
Revision Date 06/13/2014
Print Date 10/19/2018

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : 4,4′-DDD

Product Number : 49009
Brand : Supelco

CAS-No. : 72-54-8

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich
3050 Spruce Street
SAINT LOUIS MO 63103
USA

Telephone : +1 800-325-5832
Fax : +1 800-325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Acute toxicity, Oral (Category 3), H301
Acute toxicity, Dermal (Category 4), H312
Carcinogenicity (Category 2), H351
Acute aquatic toxicity (Category 1), H400
Chronic aquatic toxicity (Category 1), H410

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)
H301 Toxic if swallowed.
H312 Harmful in contact with skin.
H351 Suspected of causing cancer.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.

P273	Avoid release to the environment.
P280	Wear protective gloves/ protective clothing.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P322	Specific measures (see supplemental first aid instructions on this label).
P330	Rinse mouth.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms : 1,1-Dichloro-2,2-bis(4-chlorophenyl)ethane

Formula : $C_{14}H_{10}Cl_4$

Molecular Weight : 320.04 g/mol

CAS-No. : 72-54-8

EC-No. : 200-783-0

Hazardous components

Component	Classification	Concentration
2,2-bis(4-Chlorophenyl)-1,1-dichloro-ethane		
	Acute Tox. 3; Acute Tox. 4; Carc. 2; Aquatic Acute 1; Aquatic Chronic 1; H301, H312, H351, H410	-

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
Carbon oxides, Hydrogen chloride gas
Nature of decomposition products not known.

5.3 Advice for firefighters
Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information
no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed.Normal measures for preventive fire protection.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters
Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection
Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: solid
b)	Odour	no data available
c)	Odour Threshold	no data available
d)	pH	no data available
e)	Melting point/freezing point	94.0 - 96.0 °C (201.2 - 204.8 °F)
f)	Initial boiling point and boiling range	193.0 °C (379.4 °F) at 1.3 hPa (1.0 mmHg)
g)	Flash point	no data available
h)	Evapouration rate	no data available
i)	Flammability (solid, gas)	no data available
j)	Upper/lower flammability or explosive limits	no data available
k)	Vapour pressure	< 0.00001 hPa (< 0.00001 mmHg) at 25.0 °C (77.0 °F)
l)	Vapour density	no data available
m)	Relative density	1.38 g/cm3
n)	Water solubility	no data available
o)	Partition coefficient: n-octanol/water	log Pow: 6.02
p)	Auto-ignition temperature	no data available
q)	Decomposition temperature	no data available
r)	Viscosity	no data available
s)	Explosive properties	no data available
t)	Oxidizing properties	no data available

9.2 Other safety information
no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
no data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
no data available

10.4 Conditions to avoid
no data available

10.5 Incompatible materials
Strong oxidizing agents

10.6 Hazardous decomposition products
Other decomposition products - no data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
LD50 Oral - Hamster - > 5,000 mg/kg

TDLo Oral - Human - 428.5 mg/kg
Remarks: Endocrine:Adrenal cortex hypoplasia.

TDLo Oral - rat - 6,000 mg/kg
Remarks: Cardiac:Other changes. Gastrointestinal:Other changes. Kidney, Ureter, Bladder:Changes in both tubules and glomeruli.

TDLo Oral - rat - 14 mg/kg
Remarks: Liver:Changes in liver weight. Endocrine:Estrogenic. Musculoskeletal:Other changes.

TDLo Oral - rat - 2,100 mg/kg
Remarks: Behavioral:Altered sleep time (including change in righting reflex).

Inhalation: no data available

LD50 Dermal - rabbit - 1,200 mg/kg
Remarks: Behavioral:Excitement. Behavioral:Convulsions or effect on seizure threshold. Skin irritation

no data available

Skin corrosion/irritation
no data available

Serious eye damage/eye irritation
no data available

Respiratory or skin sensitisation
no data available

no data available

Germ cell mutagenicity
no data available

Carcinogenicity

This product is or contains a component that has been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP, or EPA classification.

Limited evidence of carcinogenicity in animal studies

IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity
no data available

no data available

Specific target organ toxicity - single exposure
no data available

Specific target organ toxicity - repeated exposure
no data available

Aspiration hazard
no data available

Additional Information
RTECS: KI0700000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish	LC50 - other fish - 1.18 - 9 mg/l - 96.0 h
	LC50 - Lepomis macrochirus (Bluegill) - 0.04 - 0.05 mg/l - 96.0 h
	LC50 - Oncorhynchus mykiss (rainbow trout) - 0.06 - 0.09 mg/l - 96.0 h
	LC50 - Pimephales promelas (fathead minnow) - 3.47 - 5.58 mg/l - 96.0 h
Toxicity to daphnia and other aquatic invertebrates	EC50 - Daphnia pulex (Water flea) - 0.01 mg/l - 48 h

12.2 Persistence and degradability
no data available

12.3 Bioaccumulative potential
Indication of bioaccumulation.

12.4 Mobility in soil
no data available

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
UN number: 2811 Class: 6.1 Packing group: III
Proper shipping name: Toxic solids, organic, n.o.s. (2,2-bis(4-Chlorophenyl)-1,1-dichloro-ethane)
Marine pollutant: No

Poison Inhalation Hazard: No

IMDG
UN number: 2811 Class: 6.1 Packing group: III EMS-No: F-A, S-A
Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (2,2-bis(4-Chlorophenyl)-1,1-dichloro-ethane)
Marine pollutant: No

IATA
UN number: 2811 Class: 6.1 Packing group: III
Proper shipping name: Toxic solid, organic, n.o.s. (2,2-bis(4-Chlorophenyl)-1,1-dichloro-ethane)

15. REGULATORY INFORMATION

SARA 302 Components
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Acute Health Hazard

Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
2,2-bis(4-Chlorophenyl)-1,1-dichloro-ethane	72-54-8	1993-04-24

New Jersey Right To Know Components

	CAS-No.	Revision Date
2,2-bis(4-Chlorophenyl)-1,1-dichloro-ethane	72-54-8	1993-04-24

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity
Aquatic Chronic	Chronic aquatic toxicity
Carc.	Carcinogenicity
H301	Toxic if swallowed.
H312	Harmful in contact with skin.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

HMIS Rating

Health hazard:	2
Chronic Health Hazard:	*
Flammability:	0
Physical Hazard	0

NFPA Rating

Health hazard:	2
Fire Hazard:	0
Reactivity Hazard:	0

Further information

Copyright 2014 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information

Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956

Version: 5.5 Revision Date: 06/13/2014 Print Date: 10/19/2018

SAFETY DATA SHEET

Version 5.6
Revision Date 05/07/2018
Print Date 06/22/2019

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : 4,4′-DDT

Product Number : 386340
Brand : Aldrich
Index-No. : 602-045-00-7

CAS-No. : 50-29-3

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich
3050 Spruce Street
SAINT LOUIS MO 63103
USA

Telephone : +1 800-325-5832
Fax : +1 800-325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Acute toxicity, Oral (Category 3), H301
Acute toxicity, Dermal (Category 3), H311
Carcinogenicity (Category 2), H351
Specific target organ toxicity - repeated exposure, Oral (Category 1), H372
Acute aquatic toxicity (Category 1), H400
Chronic aquatic toxicity (Category 1), H410

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)
H301 + H311 Toxic if swallowed or in contact with skin.
H351 Suspected of causing cancer.
H372 Causes damage to organs through prolonged or repeated exposure if swallowed.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and

	understood.
P260	Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/ protective clothing.
P281	Use personal protective equipment as required.
P301 + P310 + P330	IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth.
P302 + P352 + P312	IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/ physician if you feel unwell.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P361	Remove/Take off immediately all contaminated clothing.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms	:	1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane 1,1-Bis(4-chlorophenyl)-2,2,2-trichloroethane
Formula	:	$C_{14}H_9Cl_5$
Molecular weight	:	354.49 g/mol
CAS-No.	:	50-29-3
EC-No.	:	200-024-3
Index-No.	:	602-045-00-7

Hazardous components

Component	Classification	Concentration
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane		
	Acute Tox. 3; Carc. 2; STOT RE 1; Aquatic Acute 1; Aquatic Chronic 1; H301 + H311, H351, H372, H410	90 - 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
No data available

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid formation of dust and aerosols.Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.
Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.
Storage class (TRGS 510): 6.1D: Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	TWA	1 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Liver damage Confirmed animal carcinogen with unknown relevance to humans		

		TWA	0.5 mg/m3	USA. NIOSH Recommended Exposure Limits
		Potential Occupational Carcinogen See Appendix A		
		TWA	1 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		Skin designation		
		PEL	1 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
		Skin		

8.2 Exposure controls

Appropriate engineering controls
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection
Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection
Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance Form: solid

b)	Odour	No data available
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: 107 - 110 °C (225 - 230 °F) - lit.
f)	Initial boiling point and boiling range	260.0 °C (500.0 °F)
g)	Flash point	72.0 - 77.0 °C (161.6 - 170.6 °F)
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	0.0000021 hPa (0.0000016 mmHg) at 20.0 °C (68.0 °F)
l)	Vapour density	No data available
m)	Relative density	0.99 g/cm3
n)	Water solubility	No data available
o)	Partition coefficient: n-octanol/water	log Pow: 6.91
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
Oxidizing agents, Iron and iron salts.

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen chloride gas
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - Rat - 87.0 mg/kg

Inhalation: No data available

LD50 Dermal - Rabbit - 300.0 mg/kg
Remarks: Behavioral:Tremor. Behavioral:Muscle weakness. Behavioral:Ataxia.

No data available

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitisation
No data available

Germ cell mutagenicity
No data available

Carcinogenicity

Limited evidence of carcinogenicity in animal studies

IARC:	2A - Group 2A: Probably carcinogenic to humans (1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane)
IARC:	2A - Group 2A: Probably carcinogenic to humans (1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane)
NTP:	RAHC - Reasonably anticipated to be a human carcinogen (1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane)
NTP:	RAHC - Reasonably anticipated to be a human carcinogen (1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane)
OSHA:	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity
No data available

No data available

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
Ingestion - Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard
No data available

Additional Information
RTECS: KJ3325000

CNS stimulation.

Pancreas. -

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish	LC50 - Pimephales promelas (fathead minnow) - 0.01 mg/l - 96.0 h
	LC50 - Lepomis macrochirus (Bluegill) - 0.01 mg/l - 96.0 h
	LC50 - Oncorhynchus mykiss (rainbow trout) - 0.003400 mg/l - 96.0 h
	LOEC - Oncorhynchus mykiss (rainbow trout) - 150 mg/l - 3.0 d
	NOEC - Oncorhynchus mykiss (rainbow trout) - 113 mg/l - 3.0 d
Toxicity to daphnia and other aquatic invertebrates	Immobilization EC50 - Daphnia magna (Water flea) - 0.00108 mg/l - 48 h
Toxicity to algae	LC100 - Scenedesmus quadricauda (Green algae) - > 20 mg/l - 7 d

12.2 Persistence and degradability

12.3 Bioaccumulative potential

Bioaccumulation	Oncorhynchus mykiss (rainbow trout) - 20 d - 0.001 mg/l
	Bioconcentration factor (BCF): 46,670

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)

UN number: 2811 Class: 6.1 Packing group: III
Proper shipping name: Toxic solids, organic, n.o.s. (1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane)
Reportable Quantity (RQ): 1 lbsMarine pollutant:yes
Poison Inhalation Hazard: No

IMDG

UN number: 2811 Class: 6.1 Packing group: III EMS-No: F-A, S-A
Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane)
Marine pollutant:yes

IATA

UN number: 2811 Class: 6.1 Packing group: III
Proper shipping name: Toxic solid, organic, n.o.s. (1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane)

15. REGULATORY INFORMATION

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	1993-02-16

	CAS-No.	Revision Date
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	1993-02-16

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	1993-02-16

	CAS-No.	Revision Date
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	1993-02-16

	CAS-No.	Revision Date
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	1993-02-16

New Jersey Right To Know Components

	CAS-No.	Revision Date
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	1993-02-16

	CAS-No.	Revision Date
1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	1993-02-16

California Prop. 65 Components

	CAS-No.	Revision Date
WARNING! This product contains a chemical known to the State of California to cause cancer. 1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	2008-06-17
WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. 1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	2008-06-17
WARNING! This product contains a chemical known to the State of California to cause cancer. 1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	2008-06-17
WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. 1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane	50-29-3	2008-06-17

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity
Aquatic Chronic	Chronic aquatic toxicity
Carc.	Carcinogenicity
H301	Toxic if swallowed.
H301 + H311	Toxic if swallowed or in contact with skin.
H311	Toxic in contact with skin.
H351	Suspected of causing cancer.
H372	Causes damage to organs through prolonged or repeated exposure if swallowed.

HMIS Rating

Health hazard:	2
Chronic Health Hazard:	*
Flammability:	0
Physical Hazard	0

NFPA Rating

Health hazard:	2
Fire Hazard:	2
Reactivity Hazard:	0

Further information

Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information

Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956

Version: 5.6 Revision Date: 05/07/2018 Print Date: 06/22/2019

SAFETY DATA SHEET

Version 6.1
Revision Date 05/28/2017
Print Date 06/29/2019

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Acetone

Product Number : 650501
Brand : SIGALD
Index-No. : 606-001-00-8

CAS-No. : 67-64-1

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.
3050 Spruce Street
ST. LOUIS MO 63103
UNITED STATES

Telephone : +1 314 771-5765
Fax : +1 800 325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Flammable liquids (Category 2), H225
Eye irritation (Category 2A), H319
Specific target organ toxicity - single exposure (Category 3), Central nervous system, H336

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statement(s)
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/ eye protection/ face protection.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P312	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/ attention.
P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Repeated exposure may cause skin dryness or cracking.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Formula	:	C_3H_6O
Molecular weight	:	58.08 g/mol
CAS-No.	:	67-64-1
EC-No.	:	200-662-2
Index-No.	:	606-001-00-8

Hazardous components

Component	Classification	Concentration
Acetone		
	Flam. Liq. 2; Eye Irrit. 2A; STOT SE 3; H225, H319, H336	<= 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
Carbon oxides

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up
Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Use explosion-proof equipment.Keep away from sources of ignition - No smoking.Take measures to prevent the build up of electrostatic charge.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
Components with workplace control parameters
Derived No Effect Level (DNEL)

Application Area	Exposure routes	Health effect	Value
Workers	Skin contact	Long-term systemic effects	186mg/kg BW/d
Consumers	Ingestion	Long-term systemic effects	62mg/kg BW/d
Consumers	Skin contact	Long-term systemic effects	62mg/kg BW/d
Workers	Inhalation	Acute systemic effects	2420 mg/m3
Workers	Inhalation	Long-term systemic effects	1210 mg/m3

Consumers	Inhalation	Long-term systemic effects	200 mg/m3

Predicted No Effect Concentration (PNEC)

Compartment	Value
Soil	33.3 mg/kg
Marine water	1.06 mg/l
Fresh water	10.6 mg/l
Marine sediment	3.04 mg/kg
Fresh water sediment	30.4 mg/kg
Onsite sewage treatment plant	100 mg/l

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: butyl-rubber
Minimum layer thickness: 0.3 mm
Break through time: 480 min
Material tested:Butoject® (KCL 897 / Aldrich Z677647, Size M)

Splash contact
Material: butyl-rubber
Minimum layer thickness: 0.3 mm
Break through time: 480 min
Material tested:Butoject® (KCL 897 / Aldrich Z677647, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industria situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection

Impervious clothing, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use (US) or type AXBEK (EN 14387) respirator cartridges as a backup to engine protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: liquid, clear Colour: colourless
b)	Odour	No data available
c)	Odour Threshold	No data available

d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: -94 °C (-137 °F)
f)	Initial boiling point and boiling range	56 °C (133 °F) at 1013 hPa
g)	Flash point	-17.0 °C (1.4 °F) - closed cup
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	Upper explosion limit: 13 %(V) Lower explosion limit: 2 %(V)
k)	Vapour pressure	533.3 hPa at 39.5 °C (103.1 °F) 245.3 hPa at 20.0 °C(68.0 °F)
l)	Vapour density	No data available
m)	Relative density	0.791 g/mL at 25 °C (77 °F)
n)	Water solubility	completely miscible
o)	Partition coefficient: n-octanol/water	log Pow: -0.24
p)	Auto-ignition temperature	465.0 °C (869.0 °F)
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information

Surface tension	23.2 mN/m at 20.0 °C (68.0 °F)

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
Vapours may form explosive mixture with air.

10.4 Conditions to avoid
Heat, flames and sparks.

10.5 Incompatible materials
Bases, Oxidizing agents, Reducing agents, Acetone reacts violently with phosphorous oxychloride.

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
LD50 Oral - Rat - 5,800 mg/kg(Acetone)
Remarks: Behavioral:Altered sleep time (including change in righting reflex). Behavioral:Tremor. Behavioral:Headache. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
LC50 Inhalation - Rat - 8 h - 50,100 mg/m3(Acetone)
Remarks: Drowsiness Dizziness Unconsciousness
LD50 Dermal - Guinea pig - 7,426 mg/kg(Acetone)
No data available(Acetone)

Skin corrosion/irritation
Skin - Rabbit(Acetone)
Result: Mild skin irritation - 24 h

Serious eye damage/eye irritation
Eyes - Rabbit(Acetone)
Result: Eye irritation - 24 h

Respiratory or skin sensitisation
- Guinea pig(Acetone)
Result: Does not cause skin sensitisation.

Germ cell mutagenicity

No data available(Acetone)

Carcinogenicity
This product is or contains a component that is not classifiable as to its classification.(Acetone)
(Acetone)
(Acetone)

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity
No data available(Acetone)

No data available(Acetone)

Specific target organ toxicity - single exposure
May cause drowsiness or dizziness.(Acetone)

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available(Acetone)

Additional Information
RTECS: AL3150000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.(Acetone)

Kidney - Irregularities - Based on Human Evidence
Skin - Dermatitis - Based on Human Evidence

Kidney - Irregularities - Based on Human Evidence(Acetone)
Skin - Dermatitis - Based on Human Evidence(Acetone)

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish	LC50 - Oncorhynchus mykiss (rainbow trout) - 5,540 mg/l - 96 h(Acetone)
Toxicity to daphnia and other aquatic invertebrates	LC50 - Daphnia magna (Water flea) - 8,800 mg/l - 48 h(Acetone)
Toxicity to algae	Remarks: No data available

12.2 Persistence and degradability

Biodegradability: Result: 91 % - Readily biodegradable.
(OECD Test Guideline 301B)

12.3 Bioaccumulative potential

Does not bioaccumulate.

12.4 Mobility in soil

No data available(Acetone)

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Burn in a chemical incinerator equipped with an afterburner and scrubber b highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
UN number: 1090 Class: 3 Packing group: II
Proper shipping name: Acetone
Reportable Quantity (RQ) : 5000 lbs

Poison Inhalation Hazard: No

IMDG
UN number: 1090 Class: 3 Packing group: II EMS-No: F-E, S-D
Proper shipping name: ACETONE

IATA
UN number: 1090 Class: 3 Packing group: II
Proper shipping name: Acetone

15. REGULATORY INFORMATION

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Fire Hazard, Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Acetone	67-64-1	

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Acetone	67-64-1	

New Jersey Right To Know Components

	CAS-No.	Revision Date
Acetone	67-64-1	

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

HMIS Rating

Health hazard:	2
Chronic Health Hazard:	*
Flammability:	3
Physical Hazard	0

NFPA Rating

Health hazard:	2
Fire Hazard:	3
Reactivity Hazard:	0

Further information
Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information
Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956
Version: 6.1 Revision Date: 05/28/2017 Print Date: 06/29/2019

SAFETY DATA SHEET

Version 4.13
Revision Date 09/12/2018
Print Date 06/28/2019

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Arsenic

Product Number : 202657
Brand : Aldrich
Index-No. : 033-001-00-X

CAS-No. : 7440-38-2

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich
3050 Spruce Street
SAINT LOUIS MO 63103
USA

Telephone : +1 800-325-5832
Fax : +1 800-325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Acute toxicity, Oral (Category 4), H302
Acute toxicity, Inhalation (Category 3), H331
Carcinogenicity (Category 1B), H350
Acute aquatic toxicity (Category 1), H400
Chronic aquatic toxicity (Category 1), H410

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)
H302 Harmful if swallowed.
H331 Toxic if inhaled.
H350 May cause cancer.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301 + P312 + P330	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
P304 + P340 + P311	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P391	Collect spillage.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Formula	:	As
Molecular weight	:	74.92 g/mol
CAS-No.	:	7440-38-2
EC-No.	:	231-148-6
Index-No.	:	033-001-00-X

Hazardous components

Component	Classification	Concentration
Arsenic		
	Acute Tox. 4; Acute Tox. 3; Carc. 1B; Aquatic Acute 1; Aquatic Chronic 1; H302, H331, H350, H410	90 - 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
No data available

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid formation of dust and aerosols.Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.
Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.

Keep in a dry place.
Storage class (TRGS 510): 6.1B: Non-combustible, acute toxic Cat. 1 and 2 / very toxic hazardous materials

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
Arsenic	7440-38-2	TWA	0.01 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Lung cancer Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Confirmed human carcinogen		

		C	0.0020 mg/m3	USA. NIOSH Recommended Exposure Limits
		Potential Occupational Carcinogen See Appendix A 15 minute ceiling value		

Biological occupational exposure limits

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
	-	inorganic arsenic plus methylated metabolites	35µg As/l	Urine	ACGIH - Biological Exposure Indices (BEI)
	Remarks	End of the workweek (After four or five consecutive working days with exposure)			

8.2 Exposure controls

Appropriate engineering controls
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection
Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection
Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: powder Colour: light grey, black
b)	Odour	No data available
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: 817 °C (1,503 °F) - lit.
f)	Initial boiling point and boiling range	613 °C (1,135 °F) - lit.
g)	Flash point	Not applicable
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	No data available
l)	Vapour density	No data available
m)	Relative density	5.727 g/mL at 25 °C (77 °F)
n)	Water solubility	No data available
o)	Partition coefficient: n-octanol/water	No data available
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
Heat Exposure to air may affect product quality.

10.5 Incompatible materials
Strong oxidizing agents

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Arsenic oxides
Other decomposition products - No data available

In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - Rat - 763 mg/kg
Remarks: Behavioral:Ataxia. Diarrhoea

LD50 Oral - Mouse - 145 mg/kg
Remarks: Behavioral:Ataxia. Diarrhoea

Inhalation: No data available

Dermal: No data available

No data available

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitisation
No data available

Germ cell mutagenicity

Carcinogenicity

No data available

IARC:	1 - Group 1: Carcinogenic to humans (Arsenic)
NTP:	Known - Known to be human carcinogen (Arsenic)
OSHA:	OSHA specifically regulated carcinogen (Arsenic)

Reproductive toxicity

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

Additional Information
RTECS: CG0525000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Stomach - Irregularities - Based on Human Evidence
Stomach - Irregularities - Based on Human Evidence

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish	LC50 - Pimephales promelas (fathead minnow) - 9.9 mg/l - 96.0 h
Toxicity to daphnia and other aquatic invertebrates	EC50 - Daphnia magna (Water flea) - 3.8 mg/l - 48 h

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
UN number: 1558 Class: 6.1 Packing group: II
Proper shipping name: Arsenic
Reportable Quantity (RQ): 1 lbsReportable Quantity (RQ): 1 lbs
Poison Inhalation Hazard: No

IMDG
UN number: 1558 Class: 6.1 Packing group: II EMS-No: F-A, S-A
Proper shipping name: ARSENIC
Marine pollutant:yes

IATA
UN number: 1558 Class: 6.1 Packing group: II
Proper shipping name: Arsenic

15. REGULATORY INFORMATION

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
The following components are subject to reporting levels established by SARA Title III, Section 313:

	CAS-No.	Revision Date
Arsenic	7440-38-2	2015-11-23

SARA 311/312 Hazards
Acute Health Hazard, Chronic Health Hazard

Reportable Quantity D004 lbs

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Arsenic	7440-38-2	2015-11-23

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Arsenic	7440-38-2	2015-11-23

	CAS-No.	Revision Date
Arsenic	7440-38-2	2015-11-23

New Jersey Right To Know Components

	CAS-No.	Revision Date
Arsenic	7440-38-2	2015-11-23

California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause cancer.	CAS-No.	Revision Date
Arsenic	7440-38-2	2007-09-28

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity
Aquatic Chronic	Chronic aquatic toxicity
Carc.	Carcinogenicity
H302	Harmful if swallowed.
H331	Toxic if inhaled.
H350	May cause cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Further information

Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information

Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956

Version: 4.13 Revision Date: 09/12/2018 Print Date: 06/28/2019

SAFETY DATA SHEET

Version 6.1
Revision Date 05/28/2017
Print Date 06/28/2019

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Barium

Product Number : 474711
Brand : Aldrich

CAS-No. : 7440-39-3

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.
3050 Spruce Street
ST. LOUIS MO 63103
UNITED STATES

Telephone : +1 314 771-5765
Fax : +1 800 325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Substances and mixtures, which in contact with water, emit flammable gases (Category 2), H261

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)
H261 In contact with water releases flammable gases.

Precautionary statement(s)
P223 Do not allow contact with water.
P231 + P232 Handle under inert gas. Protect from moisture.
P280 Wear protective gloves/ eye protection/ face protection.
P335 + P334 Brush off loose particles from skin. Immerse in cool water/ wrap in wet bandages.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

P402 + P404	Store in a dry place. Store in a closed container.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Formula	:	Ba
Molecular weight	:	137.33 g/mol
CAS-No.	:	7440-39-3
EC-No.	:	231-149-1

Hazardous components

Component	Classification	Concentration
Barium		
	Water-react. 2; H261	<= 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Dry powder

5.2 Special hazards arising from the substance or mixture
Barium oxide

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up
Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Do not flush with water. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Further processing of solid materials may result in the formation of combu formation should be taken into consideration before additional processing
Provide appropriate exhaust ventilation at places where dust is formed.Keep away from sources of ignition - No smoking.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.
Never allow product to get in contact with water during storage.

Store under inert gas.

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
Barium	7440-39-3	TWA	0.500000 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Eye, skin, & Gastrointestinal irritation Muscular stimulation Not classifiable as a human carcinogen		
		TWA	0.500000 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		TWA	0.500000 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
		Eye irritation Muscular stimulation Skin irritation Gastrointestinal irritation Not classifiable as a human carcinogen		
		TWA	0.500000 mg/m3	USA. NIOSH Recommended Exposure Limits
		TWA	0.5 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		TWA	0.5 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
		Eye irritation Muscular stimulation Skin irritation Gastrointestinal irritation Not classifiable as a human carcinogen		

		TWA	0.5 mg/m3	USA. NIOSH Recommended Exposure Limits

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industria situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection

Flame retardant protective clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use (EN 143) respirator cartridges as a backup to engineering controls. If th full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: Pieces Colour: grey
b)	Odour	No data available
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: 725 °C (1337 °F) - lit.
f)	Initial boiling point and boiling range	1,640 °C (2,984 °F) - lit.
g)	Flash point	()Not applicable
h)	Evaporation rate	No data available

i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	No data available
l)	Vapour density	No data available
m)	Relative density	3.6 g/cm3 at 25 °C (77 °F)
n)	Water solubility	No data available
o)	Partition coefficient: n-octanol/water	No data available
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
Reacts violently with water.

10.4 Conditions to avoid
Exposure to moisture

10.5 Incompatible materials
Oxidizing agents, Water, acids, Oxygen, Chlorinated solvents, Carbon dioxide (CO2), Halogens, Halogenated hydrocarbon, Alcohols, Sulphur compounds, Hydrogen sulfide gas

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Barium oxide
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
No data availableBarium
Inhalation: No data available(Barium)
Dermal: No data available(Barium)
No data available(Barium)

Skin corrosion/irritation
No data available(Barium)

Serious eye damage/eye irritation
No data available(Barium)

Respiratory or skin sensitisation
No data available(Barium)

Germ cell mutagenicity

No data available(Barium)

Carcinogenicity
This product is or contains a component that is not classifiable as to its classification.(Barium)
(Barium)
(Barium)

Reproductive toxicity
No data available(Barium)

No data available(Barium)

Specific target organ toxicity - single exposure
No data available(Barium)

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available(Barium)

Additional Information
RTECS: CQ8370000

Stomach/intestinal disorders, Nausea, Vomiting, Drowsiness, Dizziness, Gastrointestinal disturbance, Weakness, Tremors, Seizures.(Barium)
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.(Barium)

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish	mortality NOEC - Cyprinodon variegatus (sheepshead minnow) - 500 mg/l - 96 h(Barium)
	LC50 - Cyprinodon variegatus (sheepshead minnow) - > 500 mg/l - 96 h(Barium)

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available(Barium)

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Burn in a chemical incinerator equipped with an afterburner and scrubber b highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
UN number: 1400 Class: 4.3 Packing group: II
Proper shipping name: Barium
Reportable Quantity (RQ) : 1000 lbs

Poison Inhalation Hazard: No

IMDG
UN number: 1400 Class: 4.3 Packing group: II EMS-No: F-G, S-O
Proper shipping name: BARIUM

IATA
UN number: 1400 Class: 4.3 Packing group: II
Proper shipping name: Barium

15. REGULATORY INFORMATION

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
The following components are subject to reporting levels established by SARA Title III, Section 313:

	CAS-No.	Revision Date
Barium	7440-39-3	2007-07-01

SARA 311/312 Hazards
Reactivity Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Barium	7440-39-3	2007-07-01

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Barium	7440-39-3	2007-07-01

New Jersey Right To Know Components

	CAS-No.	Revision Date
Barium	7440-39-3	2007-07-01

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H261 In contact with water releases flammable gases.

HMIS Rating

Health hazard:	0
Chronic Health Hazard:	
Flammability:	3
Physical Hazard	1

NFPA Rating

Health hazard:	0
Fire Hazard:	3
Reactivity Hazard:	1
Special hazard.I:	W

Further information

Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information

Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956
Version: 6.1 Revision Date: 05/28/2017 Print Date: 06/28/2019

Benzene Safety Data Sheets

Click here to download 4 million SDS for free.

Download SDS(editable Word file) and other types SDS | Offered by XiXisys.com

SAFETY DATA SHEETS

According to the UN GHS revision 8

Creation
Revision

SECTION 1: Identification

1.1 GHS Product identifier

Product name Benzene

1.2 Other means of identification

Product number -
Other names Benzole; Fenzen; Benzeen

1.3 Recommended use of the chemical and restrictions on use

Identified uses Hydrocarbons (contain hydrogen and carbon atoms), Volatile organic compounds
Uses advised against no data available

1.4 Supplier's details

Company Echemi.com
Address Echemi.com
Telephone Echemi.com

1.5 Emergency phone number

Emergency phone number Echemi.com
Service hours Monday to Friday, 9am-5pm (Standard time zone: UTC/GMT +8 hours).

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

Flammable liquids, Category 2
Skin irritation, Category 2
Eye irritation, Category 2
Aspiration hazard, Category 1
Germ cell mutagenicity, Category 1B
Carcinogenicity, Category 1A
Specific target organ toxicity â□□ repeated exposure, Category 1

2.2 GHS label elements, including precautionary statements

Pictogram(s)

Signal word Danger
Hazard statement(s)
H225 Highly flammable liquid and vapour
H315 Causes skin irritation
H319 Causes serious eye irritation
H304 May be fatal if swallowed and enters airways
H340 May cause genetic defects
H350 May cause cancer
H372 Causes damage to organs through prolonged or repeated exposure

Precautionary statement(s)
Prevention
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

TOP
RFQ
Help

	P264 Wash ... thoroughly after handling. P203 Obtain, read and follow all safety instructions before use. P260 Do not breathe dust/fume/gas/mist/vapours/spray. P270 Do not eat, drink or smoke when using this product.
Response	P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [shower]. P370+P378 In case of fire: Use ... to extinguish. P302+P352 IF ON SKIN: Wash with plenty of water/... P321 Specific treatment (see ... on this label). P332+P317 If skin irritation occurs: Get medical help. P362+P364 Take off contaminated clothing and wash it before reuse. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy Continue rinsing. P301+P316 IF SWALLOWED: Get emergency medical help immediately. P331 Do NOT induce vomiting. P318 IF exposed or concerned, get medical advice. P319 Get medical help if you feel unwell.
Storage	P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.
Disposal	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

2.3 Other hazards which do not result in classification

no data available

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical name	Common names and synonyms	CAS number	EC number	Concentration
Benzene	Benzene	71-43-2	200-753-7	100%

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled

Fresh air, rest. Refer for medical attention.

Following skin contact

Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention .

Following eye contact

First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then refer for medical attention.

Following ingestion

Rinse mouth. Do NOT induce vomiting. Refer for medical attention .

4.2 Most important symptoms/effects, acute and delayed

Dizziness, excitation, pallor, followed by flushing, weakness, headache, breathlessness, chest constriction, nausea, and vomiting. Coma and possible death. (USCG, 1999)

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Immediate first aid: Ensure that adequate decontamination has been carried out. If patient is not breathing, start artificial respiration, preferably with a demand-valve resuscitator, ba mask device, or pocket mask, as trained. Perform CPR as necessary. Immediately flush contaminated eyes with gently flowing water. Do not induce vomiting. If vomiting o patient forward or place on left side (head-down position, if possible) to maintain an open airway and prevent aspiration. Keep patient quiet and maintain normal body temp medical attention. Benzene and Related Compounds

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Approach fire from upwind to avoid hazardous vapors. Use water spray, dry chemical, foam, or carbon dioxide. Use water spray to keep fire-exposed containers cool.

5.2 Specific hazards arising from the chemical

Behavior in Fire: Vapor is heavier than air and may travel considerable distance to a source of ignition and flash back. (USCG, 1999)

5.3 Special protective actions for fire-fighters

Use foam, water spray, carbon dioxide, powder. In case of fire: keep drums, etc., cool by spraying with water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all ignition sources. Evacuate danger area! Consult an expert! Personal protection: complete protective clothing including self-contained breathing apparatus. Do NOT wash into sewer. Do NOT let this chemical enter the environment. Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid in sand or inert abso Then store and dispose of according to local regulations.

6.2 Environmental precautions

Remove all ignition sources. Evacuate danger area! Consult an expert! Personal protection: complete protective clothing including self-contained breathing apparatus. Do NOT wash into sewer. Do NOT let this chemical enter the environment. Collect leaking and spilled liquid in sealable containers as far as possible. Absorb remaining liquid in sand or inert abso Then store and dispose of according to local regulations.

6.3 Methods and materials for containment and cleaning up

For spills on water, contain with booms or barriers, use surface acting agents to thicken spilled materials. Remove trapped materials with suction hoses.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

NO open flames, NO sparks and NO smoking. Closed system, ventilation, explosion-proof electrical equipment and lighting. Do NOT use compressed air for filling, discharging, or handling. Use non-sparking handtools. Prevent build-up of electrostatic charges (e.g., by grounding). Handling in a well ventilated place. Wear suitable protective clothing. Avoid co with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

7.2 Conditions for safe storage, including any incompatibilities

Fireproof. Separated from food and feedstuffs, oxidants and halogens. Store in an area without drain or sewer access.Keep in well closed containers in a cool place and away from fi

SECTION 8: Exposure controls/personal protection

TOP
RFQ

8.1 Control parameters

Occupational Exposure limit values

TLV: 0.5 ppm as TWA; 2.5 ppm as STEL; (skin); A1 (confirmed human carcinogen); BEI issued.EU-OEL: 3.25 mg/m3, 1 ppm as TWA; (skin).MAK: carcinogen category: 1; germ mutagen group: 3A; skin absorption (H)

Biological limit values

no data available

8.2 Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear face shield or eye protection in combination with breathing protection.

Skin protection

Protective gloves. Protective clothing.

Respiratory protection

Use ventilation, local exhaust or breathing protection.

Thermal hazards

no data available

SECTION 9: Physical and chemical properties and safety characteristics

Physical state	Liquid.
Colour	Clear, colourless.
Odour	Aromatic odor
Melting point/freezing point	5.49 Â°C. Atm. press.:1 013 hPa.
Boiling point or initial boiling point and boiling range	80.09 Â°C. Atm. press.:1 013.5 hPa.
Flammability	Highly flammable.
Lower and upper explosion limit/flammability limit	Lower flammable limit: 1.2% by volume; Upper flammable limit: 7.8% by volume
Flash point	-11 Â°C. Atm. press.:1 013.5 hPa.
Auto-ignition temperature	498 Â°C. Atm. press.:1 013.5 hPa.
Decomposition temperature	no data available
pH	no data available
Kinematic viscosity	dynamic viscosity (in mPa s) = 0.604. Temperature:25.0Â°C.
Solubility	1 to 5 mg/mL at 64Â° F (NTP, 1992)
Partition coefficient n-octanol/water	log Pow = 2.13. Temperature:25 Â°C.
Vapour pressure	10 kPa. Temperature:20 Â°C.;100 kPa. Temperature:79.7 Â°C.
Density and/or relative density	0.876 g/cmÂ³. Temperature:20 Â°C.
Relative vapour density	2.77 (vs air)
Particle characteristics	no data available

SECTION 10: Stability and reactivity

10.1 Reactivity

NIOSH usually recommends that occupational exposures to carcinogens be limited to the lowest feasible concentration.
Reacts violently with oxidants, nitric acid, sulfuric acid and halogens. This generates fire and explosion hazard. Attacks plastics and rubber.
See Explosion Hazards.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

A dangerous fire hazard when exosed to heat or flame. ... Ignites on contact with sodium peroxide + water, dioxygenyl tetrafluoroborate, iodine heptafluoride, and dioxygen difluori vapour is heavier than air and may travel along the ground; distant ignition possible. As a result of flow, agitation, etc., electrostatic charges can be generated.,Benzene vapors are he than air. They will spread along the ground and collect and stay in poorly-ventilated, low-lying, or confined areas (e.g., sewers, basements, and tanks).Hazardous concentrations may develop quickly in enclosed, poorly-ventilated, or low-lying areas. Keep out of these areas. Stay upwind.Benzene liquid is less dense than water and will float on the surface of water.BENZENE reacts vigorously with allyl chloride or other alkyl halides even at -70Â° C in the presence of ethyl aluminum dichloride or ethyl aluminum sesquichloride. Explos have been reported [NFPA 491M 1991]. Ignites in contact with powdered chromic anhydride [Mellor 11:235 1946-47]. Incompatible with oxidizing agents such as nitric acid. Mixtu with bromine trifluoride, bromine pentafluoride, iodine pentafluoride, iodine heptafluoride and other interhalogens can ignite upon heating [Bretherick 5th ed. 1995]. Benzene and c halides yield HCl as a byproduct (Hagedorn, F. H. Gelbke, and Federal Republic of Germany. 2002. Nitriles. In Ullmann's Encyclopedia of Industrial Chemistry. Wiley-VCH Verlag & Co. KGaA.). The reaction of benzene and trichloroacetonitrile evolves toxic chloroform and HCl gases. (Hagedorn, F., H.-P. Gelbke, and Federal Republic of Germany. 2002. Nit Ullmann's Encyclopedia of Industrial Chemistry. Wiley-VCH Verlag GmbH & Co. KGaA.).

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

Reacts violently with iodine pentafluoride.

10.6 Hazardous decomposition products

no data available

SECTION 11: Toxicological information

Acute toxicity

Oral: LD50 - rat (male) - > 2 000 mg/kg bw. Remarks:Young and older adults had LD50 of 3.8 (2.9-4.8) and 5.6 (4.0-7.8) mL/kg respectively.
Inhalation: LC50 - rat (female) - 13 700 ppm.
Dermal: LD50 - guinea pig and rabbit - > 9.4 mL/kg bw.

Skin corrosion/irritation

no data available

Serious eye damage/irritation

no data available

Respiratory or skin sensitization

no data available

TOP
RFQ

Germ cell mutagenicity

no data available

Carcinogenicity

NTP: Known to be a human carcinogen. EPA: Known human carcinogen. IARC: Carcinogenic to humans

Reproductive toxicity

There is some evidence from human epidemiological studies of reproductive and developmental toxicity of benzene, however the data do not provide conclusive evidence of a link b exposure and effect (4). Animal studies have provided limited evidence that exposure to benzene may affect reproductive organs, however these effects were only observed at expos levels over the maximum tolerated dose . Adverse effects on the fetus, including low birth weight, delayed bone formation, and bone marrow damage, have been observed where pre animals were exposed to benzene by inhalation.

STOT-single exposure

The substance is irritating to the eyes, skin and respiratory tract. If this liquid is swallowed, aspiration into the lungs may result in chemical pneumonitis. The substance may cause e on the central nervous system. This may result in lowering of consciousness. Exposure far above the OEL could cause unconsciousness and death. If swallowed the substance easily the airways and could result in aspiration pneumonitis.

STOT-repeated exposure

The substance defats the skin, which may cause dryness or cracking. The substance may have effects on the central nervous system and immune system. The substance may have efl the bone marrow. This may result in anaemia. This substance is carcinogenic to humans. May cause heritable genetic damage to human germ cells. See Notes.

Aspiration hazard

A harmful contamination of the air can be reached very quickly on evaporation of this substance at 20Â°C.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish: LC50 - Oncorhynchus mykiss (previous name: Salmo gairdneri) - 5.3 mg/L - 96 h.
Toxicity to daphnia and other aquatic invertebrates: EC50 - Daphnia magna - 10 mg/L - 48 h.
Toxicity to algae: EC50 - Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) - 32 mg/L - 72 h.
Toxicity to microorganisms: IC50 - Nitrosomonas sp. - 13 mg/L - 24 h.

12.2 Persistence and degradability

AEROBIC: Benzene present at 100 mg/L, reached 40% of its theoretical BOD in 2 weeks using an activated sludge inoculum at 30 mg/L in the Japanese MITI test(1). Benzene reac 24% of its theoretical oxygen demand in a non-acclimated microbial population after 15 days(2). Aerobic biodegradation of benzene was studied in pre-equilibrated soil-water slurry microcosms(3). Using an enriched aerobic bacterial culture, benzene began to degrade 12 hrs after incubation in an aqueous(soil-free) solution with 50% of benzene degrading after and almost complete degradation within 90 hrs. Using a pre-equilibrated soil-water slurry microcosm, benzene did not begin to degrade until 3 days after application and reached co degradation after about 12 days(3).

12.3 Bioaccumulative potential

Benzene has BCFs ranging from 1.1-20(1). According to a classification scheme(2), this BCF range suggests the potential for bioconcentration in aquatic organisms is low. The upta elimination rate constants for benzene in fathead minnows were studied(3). Fathead minnows were found to have an average uptake rate of 7 L/kg/hr with an average elimination rat 0.384/hr which corresponds to a BCF of 19(3). In a study of BCF values for various aquatic species, benzene was found to have a BCF value of 3.5 in eels(4), 4.4 in pacific 4.3 in goldfish(6).

12.4 Mobility in soil

An experimentally derived log Koc of 1.93 (Koc = 85) was obtained via reverse phase HPLC (high performance liquid chromatography) with a cyanopropyl column and a n water(1). According to a classification scheme(2), this estimated Koc value suggests that benzene is expected to have high mobility in soil. The sorption equilibrium for benzene in a soil/water mixture (ratio soil/water 0.12 kg/l) took 72 hrs(3). The Koc for benzene has also been experimentally determined to be 79(4).

12.5 Other adverse effects

no data available

SECTION 13: Disposal considerations

13.1 Disposal methods

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

SECTION 14: Transport information

14.1 UN Number

ADR/RID: UN1114 (For reference only, please check.) IMDG: UN1114 (For reference only, please check.) IATA: UN1114 (For reference only, please check.)

14.2 UN Proper Shipping Name

ADR/RID: BENZENE (For reference only, please check.) IMDG: BENZENE (For reference only, please check.) IATA: BENZENE (For reference only, please check.

14.3 Transport hazard class(es)

ADR/RID: 3 (For reference only, please check.) IMDG: 3 (For reference only, please check.) IATA: 3 (For reference only, please check.)

14.4 Packing group, if applicable

ADR/RID: II (For reference only, please check.) IMDG: II (For reference only, please check.) IATA: II (For reference only, please check.)

14.5 Environmental hazards

ADR/RID: No IMDG: No IATA: No

14.6 Special precautions for user

no data available

14.7 Transport in bulk according to IMO instruments

no data available

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Chemical name	Common names and synonyms	CAS number	EC nu
Benzene	Benzene	71-43-2	200-7
European Inventory of Existing Commercial Chemical Substances (EINECS)			List
EC Inventory			List
United States Toxic Substances Control Act (TSCA) Inventory			List
China Catalog of Hazardous chemicals 2015			List
New Zealand Inventory of Chemicals (NZIoC)			List
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			List
Vietnam National Chemical Inventory			List
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			List
Korea Existing Chemicals List (KECL)			List

SECTION 16: Other information

Information on revision

Creation Date July 15, 2019
Revision Date July 15, 2019

Abbreviations and acronyms

CAS: Chemical Abstracts Service
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
RID: Regulation concerning the International Carriage of Dangerous Goods by Rail
IMDG: International Maritime Dangerous Goods
IATA: International Air Transportation Association
TWA: Time Weighted Average
STEL: Short term exposure limit
LC50: Lethal Concentration 50%
LD50: Lethal Dose 50%
EC50: Effective Concentration 50%

References

IPCS - The International Chemical Safety Cards (ICSC), website: http://www.ilo.org/dyn/icsc/showcard.home
HSDB - Hazardous Substances Data Bank, website: https://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm
IARC - International Agency for Research on Cancer, website: http://www.iarc.fr/
eChemPortal - The Global Portal to Information on Chemical Substances by OECD, website: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en
CAMEO Chemicals, website: http://cameochemicals.noaa.gov/search/simple
ChemIDplus, website: http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp
ERG - Emergency Response Guidebook by U.S. Department of Transportation, website: http://www.phmsa.dot.gov/hazmat/library/erg
Germany GESTIS-database on hazard substance, website: http://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index-2.jsp
ECHA - European Chemicals Agency, website: https://echa.europa.eu/

Other Information

Use of alcoholic beverages enhances the harmful effect.Depending on the degree of exposure, periodic medical examination is suggested.The odour warning when the exposure limi is exceeded is insufficient.Benzene causes acute myeloid leukaemia/acute non-lymphocytic leukaemia. Also, a positive association has been observed between exposure to benzene acute lymphocytic leukaemia, chronic lymphocytic leukaemia, multiple myeloma, and non-Hodgkin lymphoma.

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is ba present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the pro supplier shall not be held liable for any damage resulting from handling or from contact with the above product.

TOP

Benzene is included in Hydrocarbons and Derivatives category. See more Benzene price and marketing trends

Buy Benzene of different grades for your demands from various manufactures and traders.

Related Products

Benzene
Benzene
Benzene 99% kanbei
Benzene 99.9% Colorless
Pure benzene 99% Liquid Dideu

Industry News

•What Is Inorganic Benzene? Differences, Si...
•What You Need to Know About Benzene in ...
•Get to know whether benzene is a hydrocar...
•Go Up And Go Up! PET Rose
•Where Is Benzene Found in Everyday Life? ...

More Safety Data Sheets

Dibenzoselenophene 5-oxide SDS
D-Alanine SDS
4-IODOISOQUINOLINE SDS
Methyl 6,11-dihydro-11-oxoc
3-Chloro-6-(1-piperazinyl)pyridazine SDS
6,7-Dihydro-5H-quinolin-8-one SDS
1-BOC-PIPERAZINE SDS
ETC 1002 SDS
EUK 207 SDS
1H-Pyrrole-3-carboxylic acid, 5-formyl-2,4-d...

Trade Alert - Delivering the latest product trends and industry news straight to your inbox.
(We`ll never share your email address with a third-party.)

Input your Email address

Subscribe

About Us

About ECHEMI Group
About Echemi.com
Marketing Kit
Sitemap
Partners
Chemical Knowledge
Community

Buy on ECHEMI

Search Products List Alphabetically
Shop Chemical Products Alphabetically
Find Suppliers Alphabetically
Get Chemical Data Numerically
Find Suppliers by Region
Request for Quotation
Promotion
Top Products

Sell on ECHEMI

Supplier Membership
Training Center
Success Stories

Customer Services

Learning Center
Terms of Use
Privacy Notice
Policies
Rules
Penalty Rules
Submit a Dispute
Contact Us

Follow Us

Browse Articles by Letter | A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0-9

Browse News by | Monday Tuesday Wednesday Thursday Friday Saturday Sunday | Articles 2024 | Category Keywords | Category Tags

China's Top 100 Industrial Digitalization Enterprises List
The Drafting Unit of the "Specification for Operation and Management of Self-build Cross-border E-commerce Website" of the CCPIT

鲁ICP备16009155号-1 | Copyright@Qingdao ECHEMI Digital Technology Co., Ltd.

TOP

SAFETY DATA SHEET

Version 5.8
Revision Date 02/02/2018
Print Date 10/19/2018

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Benzo[*a*]pyrene

Product Number : 48564
Brand : Supelco
Index-No. : 601-032-00-3

CAS-No. : 50-32-8

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich
3050 Spruce Street
SAINT LOUIS MO 63103
USA

Telephone : +1 800-325-5832
Fax : +1 800-325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Skin sensitisation (Category 1), H317
Germ cell mutagenicity (Category 1B), H340
Carcinogenicity (Category 1B), H350
Reproductive toxicity (Category 1B), H360
Acute aquatic toxicity (Category 1), H400
Chronic aquatic toxicity (Category 1), H410

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)
H317 May cause an allergic skin reaction.
H340 May cause genetic defects.
H350 May cause cancer.
H360 May damage fertility or the unborn child.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and

	understood.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms	:	3,4-Benzpyrene 3,4-Benzopyrene Benzo[def]chrysene benzo[pqr]tetraphene
Formula	:	$C_{20}H_{12}$
Molecular weight	:	252.31 g/mol
CAS-No.	:	50-32-8
EC-No.	:	200-028-5
Index-No.	:	601-032-00-3

Hazardous components

Component	Classification	Concentration
Benzo[a]pyrene		
	Skin Sens. 1; Muta. 1B; Carc. 1B; Repr. 1B; Aquatic Acute 1; Aquatic Chronic 1; H317, H340, H350, H360, H410	90 - 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
No data available

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid formation of dust and aerosols.Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.
Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.

Store at room temperature.
Storage class (TRGS 510): 6.1D: Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
	Remarks	Cancer Substances for which there is a Biological Exposure Index or Indices (see BEI® section), see BEI® for Polycyclic Aromatic Hydrocarbons (PAHs) Exposure by all routes should be carefully controlled to levels as low		

		as possible. Suspected human carcinogen		
		Cancer Substances for which there is a Biological Exposure Index or Indices (see BEI® section), see BEI® for Polycyclic Aromatic Hydrocarbons (PAHs) Exposure by all routes should be carefully controlled to levels as low as possible. Suspected human carcinogen		
Benzo[a]pyrene	50-32-8	TWA	0.200000 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		TWA	0.200000 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		1910.1002 As used in §1910.1000 (Table Z-1), coal tar pitch volatiles include the fused polycyclic hydrocarbons which volatilize from the distillation residues of coal, petroleum (excluding asphalt), wood, and other organic matter. Asphalt (CAS 8052-42-4, and CAS 64742-93-4) is not covered under the 'coal tar pitch volatiles' standard OSHA specifically regulated carcinogen		
		TWA	0.100000 mg/m3	USA. NIOSH Recommended Exposure Limits
		Potential Occupational Carcinogen NIOSH considers coal tar, coal tar pitch, and creosote to be coal tar products. cyclohexane-extractable fraction See Appendix C See Appendix A		
		TWA	0.2 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		1910.1002 As used in §1910.1000 (Table Z-1), coal tar pitch volatiles include the fused polycyclic hydrocarbons which volatilize from the distillation residues of coal, petroleum (excluding asphalt), wood, and other organic matter. Asphalt (CAS 8052-42-4, and CAS 64742-93-4) is not covered under the 'coal tar pitch volatiles' standard OSHA specifically regulated carcinogen		
		TWA	0.1 mg/m3	USA. NIOSH Recommended Exposure Limits
		Potential Occupational Carcinogen NIOSH considers coal tar, coal tar pitch, and creosote to be coal tar products. cyclohexane-extractable fraction See Appendix C See Appendix A		
		TWA	0.2 mg/m3	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
		PEL	0.2 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
		PEL	0.2 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)

Biological occupational exposure limits

Component	CAS-No.	Parameters	Value	Biological	Basis

				specimen	
	-	1-Hydroxypyrene		Urine	ACGIH - Biological Exposure Indices (BEI)
	Remarks	End of shift at end of workweek			
		1-Hydroxypyrene		Urine	ACGIH - Biological Exposure Indices (BEI)
		End of shift at end of workweek			

8.2 Exposure controls

Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection
Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection
Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance — Form: solid

b) Odour — No data available

c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: 177 - 180 °C (351 - 356 °F)
f)	Initial boiling point and boiling range	495 °C (923 °F)
g)	Flash point	No data available
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	No data available
l)	Vapour density	No data available
m)	Relative density	1.35 g/cm3
n)	Water solubility	No data available
o)	Partition coefficient: n-octanol/water	log Pow: 5.97
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
Strong oxidizing agents

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
No data available

Inhalation: No data available

Dermal: No data available

LD50 Subcutaneous - Rat - 50 mg/kg

Skin corrosion/irritation
Skin - Mouse
Result: Mild skin irritation

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitisation
Chronic exposure may cause dermatitis.

Germ cell mutagenicity
May alter genetic material.
In vivo tests showed mutagenic effects

Carcinogenicity

This product is or contains a component that has been reported to be probably carcinogenic based on its IARC, OSHA, ACGIH, NTP, or EPA classification.

Possible human carcinogen

IARC:	1 - Group 1: Carcinogenic to humans (Benzo[a]pyrene)
NTP:	RAHC - Reasonably anticipated to be a human carcinogen (Benzo[a]pyrene)
OSHA:	OSHA specifically regulated carcinogen (Benzo[a]pyrene)

Reproductive toxicity
May cause congenital malformation in the fetus.
Presumed human reproductive toxicant

May cause reproductive disorders.

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

Additional Information
RTECS: Not available

burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to daphnia and other aquatic invertebrates	EC50 - Daphnia magna (Water flea) - 0.25 mg/l - 48 h
Toxicity to algae	EC50 - Pseudokirchneriella subcapitata (green algae) - 0.02 mg/l - 72 h

12.2 Persistence and degradability

12.3 Bioaccumulative potential

Bioaccumulation	Lepomis macrochirus (Bluegill) - 48 h - 0.0005 mg/l
	Bioconcentration factor (BCF): 3,208

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)

UN number: 3077 Class: 9 Packing group: III
Proper shipping name: Environmentally hazardous substances, solid, n.o.s. (Benzo[a]pyrene)
Reportable Quantity (RQ): 1 lbs
Poison Inhalation Hazard: No

IMDG

UN number: 3077 Class: 9 Packing group: III EMS-No: F-A, S-F
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Benzo[a]pyrene)
Marine pollutant:yes

IATA

UN number: 3077 Class: 9 Packing group: III
Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Benzo[a]pyrene)

Further information

EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods > 5L for liquids or > 5kg for solids.

15. REGULATORY INFORMATION

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

	CAS-No.	Revision Date
Benzo[a]pyrene	50-32-8	2007-03-01

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Benzo[a]pyrene	50-32-8	2007-03-01

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Benzo[a]pyrene	50-32-8	2007-03-01

	CAS-No.	Revision Date
Benzo[a]pyrene	50-32-8	2007-03-01

New Jersey Right To Know Components

	CAS-No.	Revision Date

Benzo[a]pyrene	50-32-8	2007-03-01

California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause cancer.	CAS-No.	Revision Date
Benzo[a]pyrene	50-32-8	1990-01-01

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Aquatic Acute	Acute aquatic toxicity
Aquatic Chronic	Chronic aquatic toxicity
Carc.	Carcinogenicity
H317	May cause an allergic skin reaction.
H340	May cause genetic defects.
H350	May cause cancer.
H360	May damage fertility or the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
Muta.	Germ cell mutagenicity

HMIS Rating

Health hazard:	3
Chronic Health Hazard:	*
Flammability:	0
Physical Hazard	0

NFPA Rating

Health hazard:	3
Fire Hazard:	0
Reactivity Hazard:	0

Further information

Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information

Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956

Version: 5.8 Revision Date: 02/02/2018 Print Date: 10/19/2018

SAFETY DATA SHEET

Version 6.1
Revision Date 07/17/2018
Print Date 01/21/2019

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Benzo[<I>b</>]fluoranthene

Product Number : 48490
Brand : Supelco
Index-No. : 601-034-00-4

CAS-No. : 205-99-2

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.
3050 Spruce Street
ST. LOUIS MO 63103
UNITED STATES

Telephone : +1 314 771-5765
Fax : +1 800 325-5052

1.4 Emergency telephone number

Emergency Phone # : (314) 776-6555

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Carcinogenicity (Category 1B), H350

Acute aquatic toxicity (Category 1), H400

Chronic aquatic toxicity (Category 1), H410

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)
H350 May cause cancer.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P273	Avoid release to the environment.
P281	Use personal protective equipment as required.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms : 3,4-Benzofluoranthene

Formula : C<SB>20</>H<SB>12</>
Molecular weight : 252.31 g/mol
CAS-No. : 205-99-2
EC-No. : 205-911-9
Index-No. : 601-034-00-4

Hazardous components

Component	Classification	Concentration
Benz[e]acephenanthrylene		
	Carc. 1B; Aquatic Acute 1; Aquatic Chronic 1; H350, H410	<= 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
Carbon oxides

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid formation of dust and aerosols.Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.
Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature 2 - 8 °C
Storage class (TRGS 510): 6.1D: Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
Components with workplace control parameters

	Remarks	Cancer Substances for which there is a Biological Exposure Index or Indices (see BEI® section), see BEI® for Polycyclic Aromatic Hydrocarbons (PAHs) Exposure by all routes should be carefully controlled to levels as low as possible. Suspected human carcinogen

Biological occupational exposure limits

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
Benz[e]acephenanthrylene	205-99-2	1-Hydroxypyrene		Urine	ACGIH - Biological Exposure Indices (BEI)
	Remarks	End of shift at end of workweek			

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: solid
b)	Odour	No data available
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: 163 - 165 °C (325 - 329 °F) - lit.
f)	Initial boiling point and boiling range	No data available
g)	Flash point	No data available
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available

j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	No data available
l)	Vapour density	No data available
m)	Relative density	No data available
n)	Water solubility	No data available
o)	Partition coefficient: n-octanol/water	No data available
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
Strong oxidizing agents

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
TDLo Oral - Mouse - 7.57 mg/kg
Remarks: Liver:Changes in liver weight. Endocrine:Changes in thymus weight.
Inhalation: No data available
Dermal: No data available
No data available

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitisation
No data available

Germ cell mutagenicity
No data available

Carcinogenicity
This product is or contains a component that has been reported to be probably carcinogenic based on its IARC, OSHA, ACGIH, NTP, or EPA classification.
Possible human carcinogen

IARC:	2B - Group 2B: Possibly carcinogenic to humans (Benz[e]acephenanthrylene)
NTP:	RAHC - Reasonably anticipated to be a human carcinogen (Benz[e]acephenanthrylene)
OSHA:	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity
No data available
No data available

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

Additional Information
RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to daphnia and other aquatic invertebrates	Immobilization EC50 - Daphnia magna (Water flea) - > 1.024 mg/l - 24 h(Benz[e]acephenanthrylene)

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available(Benz[e]acephenanthrylene)

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods

IMDG
UN number: 3077 Class: 9 Packing group: III EMS-No: F-A, S-F
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Benz[e]acephenanthrylene)
Marine pollutant : yes

IATA
UN number: 3077 Class: 9 Packing group: III
Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Benz[e]acephenanthrylene)

Further information
EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods > 5L for liquids or > 5kg for solids.

15. REGULATORY INFORMATION

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
The following components are subject to reporting levels established by SARA Title III, Section 313:

	CAS-No.	Revision Date
Benz[e]acephenanthrylene	205-99-2	2007-03-01

SARA 311/312 Hazards
Chronic Health Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Benz[e]acephenanthrylene	205-99-2	2007-03-01

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Benz[e]acephenanthrylene	205-99-2	2007-03-01

California Prop. 65 Components

, which is/are known to the State of California to cause cancer.	CAS-No.	Revision Date
For more information go to www.P65Warnings.ca.gov.	205-99-2	2007-09-28
Benz[e]acephenanthrylene		

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H350 May cause cancer.

H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Further information

Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information

Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956

Version: 6.1 Revision Date: 07/17/2018 Print Date: 01/21/2019

SAFETY DATA SHEET

Version 6.1
Revision Date 07/16/2018
Print Date 01/21/2019

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Benzo[<I>k</>]fluoranthene

Product Number : 48492
Brand : Supelco
Index-No. : 601-036-00-5

CAS-No. : 207-08-9

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.
3050 Spruce Street
ST. LOUIS MO 63103
UNITED STATES

Telephone : +1 314 771-5765
Fax : +1 800 325-5052

1.4 Emergency telephone number

Emergency Phone # : (314) 776-6555

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Carcinogenicity (Category 1B), H350

Acute aquatic toxicity (Category 1), H400

Chronic aquatic toxicity (Category 1), H410

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)
H350 May cause cancer.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P273	Avoid release to the environment.
P281	Use personal protective equipment as required.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Formula	:	C<SB>20</>H<SB>12</>
Molecular weight	:	252.31 g/mol
CAS-No.	:	207-08-9
EC-No.	:	205-916-6
Index-No.	:	601-036-00-5

Hazardous components

Component	Classification	Concentration
Benzo[k]fluoranthene		
	Carc. 1B; Aquatic Acute 1; Aquatic Chronic 1; H350, H410	<= 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
Carbon oxides

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid formation of dust and aerosols.Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.
Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature 2 - 8 °C
Storage class (TRGS 510): 6.1D: Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
Components with workplace control parameters
Biological occupational exposure limits

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
Benzo[k]fluoranthene	207-08-9	1-Hydroxypyrene		Urine	ACGIH - Biological Exposure Indices (BEI)
	Remarks	End of shift at end of workweek			

8.2 Exposure controls
Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Personal protective equipment
Eye/face protection
Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection
Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: crystalline Colour: yellow
b)	Odour	No data available
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: 215 - 217 °C (419 - 423 °F) - lit.
f)	Initial boiling point and boiling range	No data available
g)	Flash point	No data available
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	No data available
l)	Vapour density	No data available

m)	Relative density	No data available
n)	Water solubility	No data available
o)	Partition coefficient: n-octanol/water	No data available
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
Strong oxidizing agents

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
No data available
Inhalation: No data available
Dermal: No data available
No data available

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitisation
No data available

Germ cell mutagenicity
No data available

Carcinogenicity
Carcinogenicity- Rat- Implant

This product is or contains a component that has been reported to be probably carcinogenic based on its IARC, OSHA, ACGIH, NTP, or EPA classification.
Possible human carcinogen

IARC: 2B - Group 2B: Possibly carcinogenic to humans (Benzo[k]fluoranthene)

NTP: RAHC - Reasonably anticipated to be a human carcinogen (Benzo[k]fluoranthene)

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity
No data available
No data available

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

Additional Information
RTECS: DF6350000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
No data available

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available(Benzo[k]fluoranthene)

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
UN number: 3077 Class: 9 Packing group: III
Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Benzo[k]fluoranthene)

Reportable Quantity (RQ) : 5000 lbs

no
Poison Inhalation Hazard: No

IMDG
UN number: 3077 Class: 9 Packing group: III EMS-No: F-A, S-F
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Benzo[k]fluoranthene)
Marine pollutant : yes

IATA
UN number: 3077 Class: 9 Packing group: III
Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Benzo[k]fluoranthene)

Further information
EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods > 5L for liquids or > 5kg for solids.

15. REGULATORY INFORMATION

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Benzo[k]fluoranthene	207-08-9	1994-04-01

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Benzo[k]fluoranthene	207-08-9	1994-04-01

California Prop. 65 Components

, which is/are known to the State of California to cause cancer.	CAS-No.	Revision Date
For more information go to www.P65Warnings.ca.gov.	207-08-9	2007-09-28
Benzo[k]fluoranthene		

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H350	May cause cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Further information
Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information

Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956
Version: 6.1 Revision Date: 07/16/2018 Print Date: 01/21/2019

SAFETY DATA SHEET

Version 6.1
Revision Date 07/17/2018
Print Date 01/21/2019

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Benz[*a*]anthracene

Product Number : 48563
Brand : Supelco
Index-No. : 601-033-00-9

CAS-No. : 56-55-3

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.
3050 Spruce Street
ST. LOUIS MO 63103
UNITED STATES

Telephone : +1 314 771-5765
Fax : +1 800 325-5052

1.4 Emergency telephone number

Emergency Phone # : (314) 776-6555

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Carcinogenicity (Category 1B), H350

Acute aquatic toxicity (Category 1), H400

Chronic aquatic toxicity (Category 1), H410

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)
H350 May cause cancer.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P273	Avoid release to the environment.
P281	Use personal protective equipment as required.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms	:	1,2-Benzanthracene Tetraphene
Formula	:	C<SB>18</>H<SB>12</>
Molecular weight	:	228.29 g/mol
CAS-No.	:	56-55-3
EC-No.	:	200-280-6
Index-No.	:	601-033-00-9

Hazardous components

Component	Classification	Concentration
Benz[a]anthracene		
	Carc. 1B; Aquatic Acute 1; Aquatic Chronic 1; H350, H410	<= 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
Carbon oxides

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid formation of dust and aerosols.Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.
Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.

Store at room temperature.
Storage class (TRGS 510): 6.1D: Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
Components with workplace control parameters
Contains no substances with occupational exposure limit values.

8.2 Exposure controls
Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection
Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection
Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: solid
b)	Odour	No data available
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: 157 - 159 °C (315 - 318 °F)
f)	Initial boiling point and boiling range	437.6 °C (819.7 °F)
g)	Flash point	No data available
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	No data available
l)	Vapour density	No data available
m)	Relative density	No data available

n)	Water solubility	No data available
o)	Partition coefficient: n-octanol/water	No data available
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
Strong oxidizing agents

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
No data available
Inhalation: No data available
Dermal: No data available
LD50 Intravenous - Rat - > 200 mg/kg

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitisation
No data available

Germ cell mutagenicity
No data available

Carcinogenicity
This product is or contains a component that has been reported to be probably carcinogenic based on its IARC, OSHA, ACGIH, NTP, or EPA classification.
Possible human carcinogen

IARC: 2B - Group 2B: Possibly carcinogenic to humans (Benz[a]anthracene)

IARC: 2B - Group 2B: Possibly carcinogenic to humans (Benz[a]anthracene)

NTP: RAHC - Reasonably anticipated to be a human carcinogen (Benz[a]anthracene)

NTP: RAHC - Reasonably anticipated to be a human carcinogen (Benz[a]anthracene)

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity
No data available
No data available

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

Additional Information
RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
No data available

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available(Benz[a]anthracene)

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods
IMDG
UN number: 3077 Class: 9 Packing group: III EMS-No: F-A, S-F
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Benz[a]anthracene)
Marine pollutant : yes

IATA
UN number: 3077 Class: 9 Packing group: III
Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Benz[a]anthracene)

Further information
EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods > 5L for liquids or > 5kg for solids.

15. REGULATORY INFORMATION

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Chronic Health Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Benz[a]anthracene	56-55-3	1993-04-24

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Benz[a]anthracene	56-55-3	1993-04-24

	CAS-No.	Revision Date
Benz[a]anthracene	56-55-3	1993-04-24

New Jersey Right To Know Components

	CAS-No.	Revision Date
Benz[a]anthracene	56-55-3	1993-04-24

California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause cancer. Benz[a]anthracene	CAS-No. 56-55-3	Revision Date 2007-09-28
WARNING! This product contains a chemical known to the State of California to cause cancer. Benz[a]anthracene	CAS-No. 56-55-3	Revision Date 2007-09-28

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H350	May cause cancer.
H400	Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Further information

Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information

Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956
Version: 6.1 Revision Date: 07/17/2018 Print Date: 01/21/2019

SAFETY DATA SHEET

Version 6.7
Revision Date 02/07/2023
Print Date 02/17/2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : BENZO(GHI)PERYLENE

Product Number : 12740
Brand : Sigma-Aldrich
CAS-No. : 191-24-2

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.
3050 SPRUCE ST
ST. LOUIS MO 63103
UNITED STATES

Telephone : +1 314 771-5765
Fax : +1 800 325-5052

1.4 Emergency telephone

Emergency Phone # : 800-424-9300 CHEMTREC (USA) +1-703-527-3887 CHEMTREC (International) 24 Hours/day; 7 Days/week

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Short-term (acute) aquatic hazard (Category 1), H400
Long-term (chronic) aquatic hazard (Category 1), H410

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal Word Warning

Hazard statement(s)
H410 Very toxic to aquatic life with long lasting effects.

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Precautionary statement(s)

P273	Avoid release to the environment.
P391	Collect spillage.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

SECTION 3: Composition/information on ingredients

3.1 Substances

Synonyms : 1,12-Benzoperylene

Formula : $C_{22}H_{12}$
Molecular weight : 276.33 g/mol
CAS-No. : 191-24-2
EC-No. : 205-883-8

Component	Classification	Concentration
Benzo[ghi]perylene		
	Aquatic Acute 1; Aquatic Chronic 1; H400, H410 M-Factor - Aquatic Acute: 1,000 - Aquatic Chronic: 1,000	<= 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice
Consult a physician. Show this material safety data sheet to the doctor in attendance.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
Carbon oxides

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling
Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.

Advice on protection against fire and explosion
Provide appropriate exhaust ventilation at places where dust is formed.

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions
Keep container tightly closed in a dry and well-ventilated place.

Light sensitive. Store under inert gas.

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Storage class
Storage class (TRGS 510): 13: Non Combustible Solids

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
Benzo[ghi]perylene	191-24-2	PEL	0.2 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)

Biological occupational exposure limits

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
Benzo[ghi]perylene	191-24-2	1-Hydroxypyrene	2.5 µg/l	Urine	ACGIH - Biological Exposure Indices (BEI)
	Remarks	End of shift at end of workweek			
		3-hydroxybenzo(a)pyrene		Urine	ACGIH - Biological Exposure Indices (BEI)
		End of shift at end of workweek			

8.2 Exposure controls

Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the EC approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: solid
b)	Odor	No data available
c)	Odor Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: 276 - 279 °C (529 - 534 °F)
f)	Initial boiling point and boiling range	> 500 °C > 932 °F - lit.
g)	Flash point	()No data available
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapor pressure	No data available
l)	Vapor density	No data available

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

m)	Density	No data available
	Relative density	No data available
n)	Water solubility	insoluble
o)	Partition coefficient: n-octanol/water	log Pow: 6.22 at 25 °C (77 °F)
p)	Autoignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

SECTION 10: Stability and reactivity

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
Strong oxidizing agents

10.6 Hazardous decomposition products
In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity
Oral: No data available
Inhalation: No data available
Dermal: No data available

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Respiratory or skin sensitization
No data available

Germ cell mutagenicity
No data available

Carcinogenicity
This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity
No data available

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

11.2 Additional Information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to daphnia and other aquatic invertebrates	static test EC50 - Daphnia magna (Water flea) - 0.0002 mg/l - 48 h
Toxicity to algae	Growth rate EC10 - Pseudokirchneriella subcapitata (green algae) - > 0.0016 mg/l - 72 h

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Endocrine disrupting properties
No data available

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

12.7 Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging
Dispose of as unused product.

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
UN number: 3077 Class: 9 Packing group: III EMS-No: F-A, S-F
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Benzo[ghi]perylene)
Marine pollutant : yes
Marine pollutant : no

IATA
UN number: 3077 Class: 9 Packing group: III
Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Benzo[ghi]perylene)

Further information
EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods > 5L for liquids or > 5kg for solids.Packages smaller than or equal to 5 kg / L , not dangerous goods of Class 9

SECTION 15: Regulatory information

SARA 302 Components
This material does not contain any components with a section 302 EHS TPQ.

SARA 313 Components
The following components are subject to reporting levels established by SARA Title III, Section 313:

	CAS-No.	Revision Date
Benzo[ghi]perylene	191-24-2	2020-07-14

SARA 311/312 Hazards
No SARA Hazards

Massachusetts Right To Know Components

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

	CAS-No.	Revision Date
Benzo[ghi]perylene	191-24-2	2020-07-14

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Benzo[ghi]perylene	191-24-2	2020-07-14

California Prop. 65 Components

	CAS-No.	Revision Date
, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.Benzo[ghi]perylene	191-24-2	2007-09-28

SECTION 16: Other information

Further information

Copyright 2020 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact mlsbranding@sial.com.

Version: 6.7 Revision Date: 02/07/2023 Print Date: 02/17/2023

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

SAFETY DATA SHEET

Version 3.18
Revision Date 08/14/2018
Print Date 06/22/2019

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Chloroform

Product Number : C2432
Brand : Sigma-Aldrich
Index-No. : 602-006-00-4

CAS-No. : 67-66-3

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich
3050 Spruce Street
SAINT LOUIS MO 63103
USA

Telephone : +1 800-325-5832
Fax : +1 800-325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Acute toxicity, Oral (Category 4), H302
Acute toxicity, Inhalation (Category 3), H331
Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319
Carcinogenicity (Category 2), H351
Reproductive toxicity (Category 2), H361d
Specific target organ toxicity - single exposure (Category 3), Central nervous system, H336
Specific target organ toxicity - repeated exposure (Category 1), Liver, Kidney, H372
Acute aquatic toxicity (Category 3), H402

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)
H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.

H361d	Suspected of damaging the unborn child.
H372	Causes damage to organs (Liver, Kidney) through prolonged or repeated exposure.
H402	Harmful to aquatic life.

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301 + P312 + P330	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 + P311	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/ attention.
P362	Take off contaminated clothing and wash before reuse.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms	:	Trichloromethane Methylidyne trichloride
Formula	:	$CHCl_3$
Molecular weight	:	119.38 g/mol
CAS-No.	:	67-66-3
EC-No.	:	200-663-8
Index-No.	:	602-006-00-4

Hazardous components

Component	Classification	Concentration
Chloroform		
	Acute Tox. 4; Acute Tox. 3; Skin Irrit. 2; Eye Irrit. 2A; Carc. 2; Repr. 2; STOT SE 3; STOT RE 1; Aquatic Acute 3; H302, H315, H319, H331, H336, H351, H361d, H372, H402	90 - 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Move out of dangerous area.Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
No data available

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Storage class (TRGS 510): 6.1D: Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
Chloroform	67-66-3	TWA	10 ppm	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Central Nervous System impairment Liver damage Embryo/fetal damage Confirmed animal carcinogen with unknown relevance to humans		
		ST	2 ppm 9.78 mg/m3	USA. NIOSH Recommended Exposure Limits
		Potential Occupational Carcinogen See Appendix A		
		C	50 ppm 240 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		The value in mg/m3 is approximate. Ceiling limit is to be determined from breathing-zone air samples.		
		PEL	2 ppm 9.78 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)

8.2 Exposure controls

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Fluorinated rubber
Minimum layer thickness: 0.7 mm
Break through time: 480 min
Material tested:Vitoject® (KCL 890 / Aldrich Z677698, Size M)

Splash contact
Material: Fluorinated rubber
Minimum layer thickness: 0.7 mm
Break through time: 480 min
Material tested:Vitoject® (KCL 890 / Aldrich Z677698, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection
Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: liquid, clear Colour: colourless
b)	Odour	sweet
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: -63 °C (-81 °F)
f)	Initial boiling point and boiling range	60.5 - 61.5 °C (140.9 - 142.7 °F)
g)	Flash point	- DIN 51755 Part 1does not flash
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	210 hPa (158 mmHg) at 20 °C (68 °F)
l)	Vapour density	4.12 - (Air = 1.0)
m)	Relative density	1.492 g/mL at 25 °C (77 °F)
n)	Water solubility	8.7 g/l at 23 °C (73 °F) - OECD Test Guideline 105
o)	Partition coefficient: n-octanol/water	log Pow: 1.97 at 25 °C (77 °F) - (ECHA), Bioaccumulation is not expected.
p)	Auto-ignition temperature	> 600 °C (> 1,112 °F) at 1,013 hPa (760 mmHg) - DIN 51794
q)	Decomposition temperature	Distillable in an undecomposed state at normal pressure.
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information

Solubility in other solvents	organic solvent at 20 °C (68 °F) - miscible
Surface tension	27.1 mN/m at 20.0 °C (68.0 °F)
Relative vapour density	4.12 - (Air = 1.0)

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.
Contains the following stabiliser(s):
2-Methyl-2-butene (>=0.001 - <=0.015 %)

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
various plastics, Rubber

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen chloride gas
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
LD50 Oral - Rat - male - 908 mg/kg
(OECD Test Guideline 401)
Remarks: Behavioral:Change in motor activity (specific assay). Behavioral:Ataxia. Lungs, Thorax, or Respiration:Respiratory stimulation.

LOEC Inhalation - Rat - male - 6 h - 500 ppm
Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2)

LD50 Dermal - Rabbit - > 20,000 mg/kg
Remarks: (RTECS)

No data available

Skin corrosion/irritation
Skin - Rabbit
Result: Irritating to skin. - 24 h
Remarks: (ECHA)

Serious eye damage/eye irritation
Eyes - Rabbit
Result: Irritating to eyes.
Remarks: (ECHA)

Respiratory or skin sensitisation
Sensitisation test: - Guinea pig
Result: negative
(Maximisation Test)
Remarks: (ECHA)

Germ cell mutagenicity
Ames test
Salmonella typhimurium
Result: negative

reverse mutation assay
Escherichia coli
Result: negative
(ECHA)

OECD Test Guideline 474
Rat - male and female - Bone marrow
Result: negative

OECD Test Guideline 486
Rat - male - Other cell types
Result: negative

Carcinogenicity

Carcinogenicity - Rat - Oral
Tumorigenic:Carcinogenic by RTECS criteria. Leukaemia

Suspected of causing cancer.

IARC:	2B - Group 2B: Possibly carcinogenic to humans (Chloroform)
NTP:	RAHC - Reasonably anticipated to be a human carcinogen (Chloroform)
OSHA:	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity
Suspected of damaging the unborn child.

Specific target organ toxicity - single exposure
May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure
Causes damage to organs through prolonged or repeated exposure. - Liver, Kidney

Aspiration hazard
No data available

Additional Information
RTECS: FS9100000

Vomiting, Cough, irritant effects, Shortness of breath, respiratory arrest, narcosis, Dizziness, Nausea, agitation, spasms, inebriation, Headache, Stomach/intestinal disorders, ataxia (impaired locomotor coordination), cardiovascular disorders Drying-out effect resulting in rough and chapped skin.

Stomach - Irregularities - Based on Human Evidence
Stomach - Irregularities - Based on Human Evidence

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish	flow-through test LC50 - Danio rerio (zebra fish) - 121 mg/l - 48 h (OECD Test Guideline 203)
	static test LC50 - Pimephales promelas (fathead minnow) - 103 - 171 mg/l - 96 h Remarks: (ECHA)
	flow-through test LC50 - Oncorhynchus mykiss (rainbow trout) - 18.2 mg/l - 96 h Remarks: (ECHA)
	flow-through test LC50 - Micropterus dolomieui - 51 mg/l - 96 h Remarks: (ECHA)
Toxicity to daphnia and other aquatic invertebrates	static test EC50 - Daphnia magna (Water flea) - 79 mg/l - 48 h Remarks: (ECHA)
Toxicity to algae	static test ErC50 - Chlamydomonas reinhardtii (green algae) - 13.3 mg/l - 72 h Remarks: (ECHA)

12.2 Persistence and degradability

Biodegradability	aerobic - Exposure time 14 d

Result: 0 % - Not readily biodegradable.
(OECD Test Guideline 301C)

12.3 Bioaccumulative potential

Bioaccumulation — Cyprinus carpio (Carp) - 42 d
at 25 °C - 0.1 mg/l

Bioconcentration factor (BCF): 4.1 - 13
(OECD Test Guideline 305)

Cyprinus carpio (Carp) - 42 d
at 25 °C - 1 mg/l

Bioconcentration factor (BCF): 1.4 - 4.7
(OECD Test Guideline 305)

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)

UN number: 1888 Class: 6.1 Packing group: III
Proper shipping name: Chloroform
Reportable Quantity (RQ): 10 lbsReportable Quantity (RQ): 10 lbs
Poison Inhalation Hazard: No

IMDG

UN number: 1888 Class: 6.1 Packing group: III EMS-No: F-A, S-A
Proper shipping name: CHLOROFORM

IATA

UN number: 1888 Class: 6.1 Packing group: III
Proper shipping name: Chloroform

15. REGULATORY INFORMATION

SARA 302 Components

	CAS-No.	Revision Date
Chloroform	67-66-3	2008-11-03

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

	CAS-No.	Revision Date
Chloroform	67-66-3	2008-11-03

SARA 311/312 Hazards
Acute Health Hazard, Chronic Health Hazard

Reportable Quantity : D022 lbs

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Chloroform	67-66-3	2008-11-03

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Chloroform	67-66-3	2008-11-03

California Prop. 65 Components

	CAS-No.	Revision Date
, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. Chloroform	67-66-3	2011-09-01

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity
Carc.	Carcinogenicity
Eye Irrit.	Eye irritation
H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H361d	Suspected of damaging the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H402	Harmful to aquatic life.
Repr.	Reproductive toxicity
Skin Irrit.	Skin irritation
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure

Further information
Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information
Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956

Version: 3.18 Revision Date: 08/14/2018 Print Date: 06/22/2019

SAFETY DATA SHEET

Version 6.3
Revision Date 04/05/2019
Print Date 06/28/2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : Chromium

Product Number : 374849
Brand : Aldrich
CAS-No. : 7440-47-3

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.
3050 Spruce Street
ST. LOUIS MO 63103
UNITED STATES

Telephone : +1 314 771-5765
Fax : +1 800 325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

SECTION 3: Composition/information on ingredients

3.1 Substances

Formula : Cr
Molecular weight : 52.00 g/mol
CAS-No. : 7440-47-3
EC-No. : 231-157-5

Component	Classification	Concentration

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Chromium		
		<= 100 %

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice
Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact
Wash off with soap and plenty of water.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
Chromium oxides

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Avoid dust formation. Avoid breathing vapours, mist or gas.
For personal protection see section 8.

6.2 Environmental precautions
No special environmental precautions required.

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

6.3 Methods and materials for containment and cleaning up
Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.
Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.
Storage class (TRGS 510): 13: Non Combustible Solids

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
Chromium	7440-47-3	PEL	0.5 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
	Remarks	see Sections 1532.2, 5206 & 8359		
		TWA	1 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		TWA	0.5 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
		Upper Respiratory Tract irritation Skin irritation Adopted values or notations enclosed are those for which changes are proposed in the NIC See Notice of Intended Changes (NIC) Not classifiable as a human carcinogen varies		

8.2 Exposure controls

Appropriate engineering controls
General industrial hygiene practice.

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
No special environmental precautions required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: chips Colour: light grey
b)	Odour	odourless
c)	Odour Threshold	No data available
d)	pH	No data available

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

e)	Melting point/freezing point	Melting point/range: 1,857 °C (3,375 °F) - lit.
f)	Initial boiling point and boiling range	2,672 °C 4,842 °F - lit.
g)	Flash point	()Not applicable
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	No data available
l)	Vapour density	No data available
m)	Relative density	7.14 g/mL at 25 °C (77 °F)
n)	Water solubility	No data available
o)	Partition coefficient: n-octanol/water	No data available
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

SECTION 10: Stability and reactivity

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
Strong acids, Strong oxidizing agents

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Chromium oxides
Other decomposition products - No data available
In the event of fire: see section 5

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity
No data available
Inhalation: No data available
Dermal: No data available
No data available

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitisation
No data available

Germ cell mutagenicity
No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity
No data available
No data available

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

Additional Information
RTECS: GB4200000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Stomach - Irregularities - Based on Human Evidence
Stomach - Irregularities - Based on Human Evidence

SECTION 12: Ecological information

12.1 Toxicity

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Toxicity to fish	LC50 - Cyprinus carpio (Carp) - 14.3 mg/l - 96 h
Toxicity to daphnia and other aquatic invertebrates	EC50 - Daphnia magna (Water flea) - 0.07 mg/l - 48 h

12.2 Persistence and degradability
The methods for determining biodegradability are not applicable to inorganic substances.

12.3 Bioaccumulative potential
Bioaccumulation: Oncorhynchus mykiss (rainbow trout) - 30 d - 50 µg/l(Chromium)

Bioconcentration factor (BCF): 1.03 - 1.22

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects
No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging
Dispose of as unused product.

SECTION 14: Transport information

DOT (US)
UN number: 3077 Class: 9 Packing group: III
Proper shipping name: Environmentally hazardous substance, solid, n.o.s. ()
Reportable Quantity (RQ): 5000 lbs
Reportable Quantity (RQ): 10 lbs
Poison Inhalation Hazard: No

IMDG
UN number: 3077 Class: 9 Packing group: III EMS-No: F-A, S-F
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. ()
Marine pollutant : yes

IATA
UN number: 3077 Class: 9 Packing group: III
Proper shipping name: Environmentally hazardous substance, solid, n.o.s. ()
Further information
EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods > 5L for liquids or > 5kg for solids.

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

SECTION 15: Regulatory information

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

	CAS-No.	Revision Date
Chromium	7440-47-3	2007-07-01

SARA 311/312 Hazards

Chronic Health Hazard

Reportable Quantity : D007 lbs

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Chromium	7440-47-3	2007-07-01

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Chromium	7440-47-3	2007-07-01

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other information

Further information

Copyright 2018 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact mlsbranding@sial.com.

Version: 6.3 Revision Date: 04/05/2019 Print Date: 06/28/2019

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

SAFETY DATA SHEET

Version 5.10
Revision Date 01/10/2018
Print Date 06/22/2019

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : CHRYSENE, 98%

Product Number : 245186
Brand : Aldrich

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich
3050 Spruce Street
SAINT LOUIS MO 63103
USA

Telephone : +1 800-325-5832
Fax : +1 800-325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Germ cell mutagenicity (Category 2), H341
Carcinogenicity (Category 1B), H350
Acute aquatic toxicity (Category 1), H400
Chronic aquatic toxicity (Category 1), H410

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)

H341	Suspected of causing genetic defects.
H350	May cause cancer.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P273	Avoid release to the environment.
P281	Use personal protective equipment as required.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P391	Collect spillage.
P405	Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Formula : $C_{18}H_{12}$

Molecular weight : 228.29 g/mol

Hazardous components

Component	Classification	Concentration
Chrysene		
	Muta. 2; Carc. 1B; Aquatic Acute 1; Aquatic Chronic 1; H341, H350, H410	90 - 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
No data available

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.
Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.
Storage class (TRGS 510): 6.1D: Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
	Remarks	Cancer Substances for which there is a Biological Exposure Index or Indices (see BEI® section), see BEI® for Polycyclic Aromatic Hydrocarbons (PAHs) Exposure by all routes should be carefully controlled to levels as low as possible. Confirmed animal carcinogen with unknown relevance to humans		
Chrysene	218-01-9	TWA	0.200000 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		TWA	0.200000 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		1910.1002 As used in §1910.1000 (Table Z-1), coal tar pitch volatiles include the fused polycyclic hydrocarbons which volatilize from the distillation residues of coal, petroleum (excluding asphalt), wood, and other organic matter. Asphalt (CAS 8052-42-4, and CAS 64742-93-4) is not covered under the 'coal tar pitch volatiles' standard OSHA specifically regulated carcinogen		
		TWA	0.100000 mg/m3	USA. NIOSH Recommended Exposure Limits
		Potential Occupational Carcinogen NIOSH considers coal tar, coal tar pitch, and creosote to be coal tar products. cyclohexane-extractable fraction See Appendix C		

		See Appendix A		
		PEL	0.2 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)

Biological occupational exposure limits

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
	-	1-Hydroxypyrene		Urine	ACGIH - Biological Exposure Indices (BEI)
	Remarks	End of shift at end of workweek			

8.2 Exposure controls

Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection
Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection
Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance Form: solid

		Colour: white, light yellow
b)	Odour	No data available
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	253.0 °C (487.4 °F)
f)	Initial boiling point and boiling range	448.0 °C (838.4 °F)
g)	Flash point	No data available
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	No data available
l)	Vapour density	No data available
m)	Relative density	No data available
n)	Water solubility	insoluble
o)	Partition coefficient: n-octanol/water	log Pow: 5.73
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
Strong oxidizing agents

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
No data available

Inhalation: No data available

Dermal: No data available

LD50 Intraperitoneal - Mouse - > 320 mg/kg

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitisation
No data available

Germ cell mutagenicity
Laboratory experiments have shown mutagenic effects.
In vitro tests showed mutagenic effects

Carcinogenicity

This product is or contains a component that has been reported to be probably carcinogenic based on its IARC, OSHA, ACGIH, NTP, or EPA classification.

Possible human carcinogen

IARC:	2B - Group 2B: Possibly carcinogenic to humans (Chrysene)
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	OSHA specifically regulated carcinogen (Chrysene)

Reproductive toxicity
No data available

No data available

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

Additional Information
RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to daphnia and other aquatic invertebrates	EC50 - Daphnia magna (Water flea) - 1.90 mg/l - 2 h

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
UN number: 3077 Class: 9 Packing group: III
Proper shipping name: Environmentally hazardous substances, solid, n.o.s. (Chrysene)
Reportable Quantity (RQ): 100 lbs
Poison Inhalation Hazard: No

IMDG
UN number: 3077 Class: 9 Packing group: III EMS-No: F-A, S-F
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Chrysene)
Marine pollutant:yes

IATA
UN number: 3077 Class: 9 Packing group: III
Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Chrysene)

Further information
EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods > 5L for liquids or > 5kg for solids.

15. REGULATORY INFORMATION

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Chrysene	218-01-9	1994-04-01

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Chrysene	218-01-9	1994-04-01

	CAS-No.	Revision Date
Chrysene	218-01-9	1994-04-01

New Jersey Right To Know Components

	CAS-No.	Revision Date
Chrysene	218-01-9	1994-04-01

California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause cancer.	CAS-No.	Revision Date
Chrysene	218-01-9	2007-09-28

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Aquatic Acute	Acute aquatic toxicity
Aquatic Chronic	Chronic aquatic toxicity
Carc.	Carcinogenicity
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

HMIS Rating

Health hazard:	0
Chronic Health Hazard:	*
Flammability:	0
Physical Hazard	0

NFPA Rating

Health hazard:	0
Fire Hazard:	0
Reactivity Hazard:	0

Further information

Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information

Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956

Version: 5.10 Revision Date: 01/10/2018 Print Date: 06/22/2019

Safety Data Sheet
acc. to OSHA HCS

Printing date 04/11/2019 Version Number 2 Reviewed on 04/11/2019

*

1 Identification

· **Product identifier**

· **Trade name: cis-Chlordane**

· **Part number:** N-2194
· **CAS Number:**
5103-71-9
· **EC number:**
225-825-5
· **Application of the substance / the mixture** Reagents and Standards for Analytical Chemical Laboratory Use

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
Agilent Technologies, Inc.
5301 Stevens Creek Blvd.
Santa Clara, CA 95051 USA

· **Information department:**
Telephone: 800-227-9770
e-mail: pdl-msds_author@agilent.com
· **Emergency telephone number:** CHEMTREC®: 1-800-424-9300

2 Hazard(s) identification

· **Classification of the substance or mixture**

GHS06 Skull and crossbones

Acute Tox. 3 H311 Toxic in contact with skin.

GHS07

Acute Tox. 4 H302 Harmful if swallowed.
Acute Tox. 4 H332 Harmful if inhaled.
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation.

· **Label elements**
· **GHS label elements** The substance is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms**

GHS06 GHS07

· **Signal word** Danger

· **Hazard-determining components of labeling:**
cis-chlordane
· **Hazard statements**
Harmful if swallowed or if inhaled.

(Contd. on page 2)

Safety Data Sheet
acc. to OSHA HCS

Trade name: cis-Chlordane

(Contd. of page 1)

Toxic in contact with skin.
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.

· **Precautionary statements**
Avoid breathing dust/fume/gas/mist/vapors/spray
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
If swallowed: Call a poison center/doctor if you feel unwell.
Rinse mouth.
If on skin: Wash with plenty of water.
Specific treatment (see on this label).
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
Take off immediately all contaminated clothing and wash it before reuse.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**
· **NFPA ratings (scale 0 - 4)**

Health = 3
Fire = 0
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

Health = 2
Fire = 0
Reactivity = 0

· **Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Substances**
· **CAS No. Description**
5103-71-9 cis-chlordane
· **Identification number(s)**
· **EC number:** 225-825-5

(Contd. on page 3)

Safety Data Sheet
acc. to OSHA HCS

(Contd. of page 2)

4 First-aid measures

· **Description of first aid measures**
· **General information:**
Immediately remove any clothing soiled by the product.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
In case of irregular breathing or respiratory arrest provide artificial respiration.
· **After inhalation:**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
· **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· **After swallowing:** Immediately call a doctor.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

· **Extinguishing media**
· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
· **Special hazards arising from the substance or mixture** No further relevant information available.
· **Advice for firefighters**
· **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** Not required.
· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
· **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
· **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
· **Protective Action Criteria for Chemicals**

· **PAC-1:**
Substance is not listed.

· **PAC-2:**
Substance is not listed.

· **PAC-3:**
Substance is not listed.

(Contd. on page 4)

Safety Data Sheet
acc. to OSHA HCS

(Contd. of page 3)

7 Handling and storage

· **Handling:**
· **Precautions for safe handling**
Thorough dedusting.
Ensure good ventilation/exhaustion at the workplace.
· **Information about protection against explosions and fires:** No special measures required.

· **Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** No special requirements.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:** Keep receptacle tightly sealed.
· **Specific end use(s)** No further relevant information available.

*
8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Control parameters**
· **Components with limit values that require monitoring at the workplace:**
The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the remaining constituent has no known exposure limits.
At this time, the other constituents have no known exposure limits.
· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**
· **Personal protective equipment:**
· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes and skin.
· **Breathing equipment:**
When used as intended with Agilent instruments, the use of the product under normal laboratory conditions and with standard practices does not result in significant airborne exposures and therefore respiratory protection is not needed.
Under an emergency condition where a respirator is deemed necessary, use a NIOSH or equivalent approved device/equipment with appropriate organic or acid gas cartridge.
· **Protection of hands:**
Although not recommended for constant contact with the chemicals or for clean-up, nitrile gloves 11-13 mil thickness are recommended for normal use. The breakthrough time is 1 hr. For cleaning a spill where there is direct contact of the chemical, butyl rubber gloves are recommended 12-15 mil thickness with breakthrough times exceeding 4 hrs. Supplier recommendations should be followed.
· **Material of gloves**
For normal use: nitrile rubber, 11-13 mil thickness
For direct contact with the chemical: butyl rubber, 12-15 mil thickness

(Contd. on page 5)

Safety Data Sheet
acc. to OSHA HCS

(Contd. of page 4)

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

· **Penetration time of glove material**
For normal use: nitrile rubber: 1 hour
For direct contact with the chemical: butyl rubber: >4 hours

· **Eye protection:**

Tightly sealed goggles

9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Appearance:**	
Form:	Solid
Color:	Not determined.
· **Odor:**	Characteristic
· **Odor threshold:**	Not determined.
· **pH-value:**	Not applicable.
· **Change in condition**	
Melting point/Melting range:	94 °C (201.2 °F)
Boiling point/Boiling range:	Undetermined.
· **Flash point:**	Not applicable.
· **Flammability (solid, gaseous):**	Product is not flammable.
· **Decomposition temperature:**	Not determined.
· **Auto igniting:**	Not determined.
· **Danger of explosion:**	Product does not present an explosion hazard.
· **Explosion limits:**	
Lower:	Not determined.
Upper:	Not determined.
· **Vapor pressure:**	Not applicable.
· **Density:**	Not determined.
· **Relative density**	Not determined.
· **Vapor density**	Not applicable.
· **Evaporation rate**	Not applicable.
· **Solubility in / Miscibility with**	
Water:	Insoluble.
· **Partition coefficient (n-octanol/water):**	Not determined.
· **Viscosity:**	
Dynamic:	Not applicable.

(Contd. on page 6)

Safety Data Sheet
acc. to OSHA HCS

(Contd. of page 5)

Kinematic:	Not applicable.
VOC content:	0.00 % 0.0 g/l / 0.00 lb/gal
Solids content:	100.0 %
· **Other information**	No further relevant information available.

10 Stability and reactivity

· **Reactivity** No further relevant information available.
· **Chemical stability**
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Possibility of hazardous reactions** No dangerous reactions known.
· **Conditions to avoid** No further relevant information available.
· **Incompatible materials:** No further relevant information available.
· **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· **Information on toxicological effects**
· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**		
ATE (Acute Toxicity Estimate)		
Oral	LD50	500 mg/kg (rat)
Dermal	LD50	300 mg/kg
Inhalative	LC50/4 h	1.5 mg/L

5103-71-9 cis-chlordane		
Oral	LD50	500 mg/kg (rat)

· **Primary irritant effect:**
· **on the skin:** Irritant to skin and mucous membranes.
· **on the eye:** Irritating effect.
· **Sensitization:** No sensitizing effects known.
· **Additional toxicological information:**

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**
Substance is not listed.

· **NTP (National Toxicology Program)**
Substance is not listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**
Substance is not listed.

(Contd. on page 7)

Safety Data Sheet
acc. to OSHA HCS

Trade name: cis-Chlordane

(Contd. of page 6)

12 Ecological information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **Persistence and degradability** No further relevant information available.
· **Behavior in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Additional ecological information:**
· **General notes:**
Water hazard class 3 (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**
· **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**
· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **UN-Number**	
· **DOT, IMDG, IATA**	UN3077
· **UN proper shipping name**	
· **DOT**	Environmentally hazardous substance, solid, n.o.s. (cis-chlordane)
· **IMDG, IATA**	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (cis-chlordane)
· **Transport hazard class(es)**	
· **DOT, IMDG**	
· **Class**	9 Miscellaneous dangerous substances and articles

(Contd. on page 8)

Safety Data Sheet
acc. to OSHA HCS

Trade name: cis-Chlordane

(Contd. of page 7)

· **Label**	9
· **IATA**	
· **Class**	9 Miscellaneous dangerous substances and articles
· **Label**	9
· **Packing group**	
· **DOT, IMDG, IATA**	III
· **Environmental hazards:**	Product contains environmentally hazardous substances: cis-chlordane
· **Special marking (IATA):**	Symbol (fish and tree)
· **Special precautions for user**	Warning: Miscellaneous dangerous substances and articles
· **Danger code (Kemler):**	90
· **EMS Number:**	F-A,S-F
· **Stowage Category**	A
· **Stowage Code**	SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable.
· **Transport/Additional information:**	
· **DOT**	
· **Quantity limitations**	On passenger aircraft/rail: No limit On cargo aircraft only: No limit
· **IMDG**	
· **Limited quantities (LQ)**	5 kg
· **Excepted quantities (EQ)**	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
· **UN "Model Regulation":**	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CIS-CHLORDANE), 9, III

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Sara**

· **Section 355 (extremely hazardous substances):**

Substance is not listed.

· **Section 313 (Specific toxic chemical listings):**

Substance is not listed.

· **TSCA (Toxic Substances Control Act):**

Substance is not listed.

(Contd. on page 9)

Safety Data Sheet
acc. to OSHA HCS

Trade name: cis-Chlordane

(Contd. of page 8)

· **TSCA new (21st Century Act): (Substances not listed)**

5103-71-9	cis-chlordane

· **Proposition 65**

· **Chemicals known to cause cancer:**

Substance is not listed.

· **Chemicals known to cause reproductive toxicity for females:**

Substance is not listed.

· **Chemicals known to cause reproductive toxicity for males:**

Substance is not listed.

· **Chemicals known to cause developmental toxicity:**

Substance is not listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

Substance is not listed.

· **TLV (Threshold Limit Value established by ACGIH)**

Substance is not listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

Substance is not listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

*
16 Other information

The information contained in this document is based on Agilent's state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.

· **Date of preparation / last revision** 04/11/2019 / 1

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 3: Acute toxicity – Category 3
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

· *** Data compared to the previous version altered.**

SAFETY DATA SHEET

Version 6.1
Revision Date 03/12/2019
Print Date 06/22/2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : Copper

Product Number : 31284
Brand : Aldrich
CAS-No. : 7440-50-8

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.
3050 Spruce Street
ST. LOUIS MO 63103
UNITED STATES

Telephone : +1 314 771-5765
Fax : +1 800 325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

SECTION 3: Composition/information on ingredients

3.1 Substances

Formula : Cu
Molecular weight : 63.55 g/mol
CAS-No. : 7440-50-8
EC-No. : 231-159-6

Component	Classification	Concentration

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Copper,		
		<= 100 %

SECTION 4: First aid measures

4.1 Description of first aid measures

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact
Wash off with soap and plenty of water.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
Copper oxides

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Avoid dust formation. Avoid breathing vapours, mist or gas.
For personal protection see section 8.

6.2 Environmental precautions
No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up
Sweep up and shovel. Keep in suitable, closed containers for disposal.

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

6.4 Reference to other sections
For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.
Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.

Store under inert gas. Air sensitive.
Storage class (TRGS 510): 13: Non Combustible Solids

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
Copper,	7440-50-8	TWA	1 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Irritation Gastrointestinal metal fume fever		
		TWA	0.2 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
		Irritation Gastrointestinal metal fume fever		

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

		TWA	1 mg/m3	USA. NIOSH Recommended Exposure Limits
		TWA	1 mg/m3	USA. NIOSH Recommended Exposure Limits
		TWA	1 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		TWA	0.1 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		PEL	0.1 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)

8.2 Exposure controls

Appropriate engineering controls
General industrial hygiene practice.

Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
No special environmental precautions required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: Wire Colour: light red
b)	Odour	No data available
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: 1,083.4 °C (1,982.1 °F)
f)	Initial boiling point and boiling range	2,567 °C 4,653 °F
g)	Flash point	()No data available
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	No data available
l)	Vapour density	No data available
m)	Relative density	8.940 g/cm3
n)	Water solubility	No data available
o)	Partition coefficient: n-octanol/water	No data available
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

SECTION 10: Stability and reactivity

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
Strong acids, Strong oxidizing agents, Acid chlorides, Halogens

10.6 Hazardous decomposition products
Other decomposition products - No data available
Hazardous decomposition products formed under fire conditions. - Copper oxides
In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity
No data available
Inhalation: No data available
Dermal: No data available
LD50 Intraperitoneal - Mouse - 3.5 mg/kg

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitisation
No data available

Germ cell mutagenicity
No data available

Carcinogenicity

IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity
No data available
No data available

Specific target organ toxicity - single exposure
No data available

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

Additional Information
RTECS: GL5325000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

12.1 Toxicity
No data available

12.2 Persistence and degradability
The methods for determining biodegradability are not applicable to inorganic substances.

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging
Dispose of as unused product.

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

SECTION 15: Regulatory information

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
No SARA Hazards

Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

Copper,	CAS-No. 7440-50-8	Revision Date 1993-02-16

Copper,	CAS-No. 7440-50-8	Revision Date 1993-02-16

New Jersey Right To Know Components

Copper,	CAS-No. 7440-50-8	Revision Date 1993-02-16

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other information

Further information
Copyright 2018 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact mlsbranding@sial.com.

Version: 6.1 Revision Date: 03/12/2019 Print Date: 06/22/2019

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

MATERIAL SAFETY DATA SHEET

Date Printed: 20.10.2018
Date Updated: 07.05.2009
Version 1.4

Section 1 - Product and Company Information

Product Name	1,2:5,6-DIBENZANTHRACENE, 97% (NO BULK ORDERS ALLOWED)
Product Number	D31400
Brand	ALDRICH
Company	Sigma-Aldrich
Address	3050 Spruce Street SAINT LOUIS MO 63103 US
Technical Phone:	800-325-5832
Fax:	800-325-5052
Emergency Phone:	314-776-6555

Section 2 - Composition/Information on Ingredient

Substance Name	CAS #	SARA 313
1,2:5,6-DIBENZANTHRACENE	53-70-3	Yes

Formula	C22H14
Synonyms	1,2:5,6-Benzanthracene * DB(a,h)A * 1,2,5,6-Dba * 1,2,5,6-Dibenzanthraceen (Dutch) * 1,2:5,6-Dibenzanthracene * 1,2:5,6-Dibenz(a)anthracene * Dibenzo(a,h)anthracene * 1,2:5,6-Dibenzoanthracene * RCRA waste number U063
RTECS Number:	HN2625000

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Toxic. Dangerous for the environment.
May cause cancer. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Target organ(s): Lungs. Liver. Calif. Prop. 65 carcinogen.

HMIS RATING

HEALTH: 2*
FLAMMABILITY: 0
REACTIVITY: 0

NFPA RATING

HEALTH: 2
FLAMMABILITY: 0
REACTIVITY: 0

*additional chronic hazards present.

For additional information on toxicity, please refer to Section 11.

Section 4 - First Aid Measures

ORAL EXPOSURE
If swallowed, wash out mouth with water provided person is conscious. Call a physician.

INHALATION EXPOSURE
If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

DERMAL EXPOSURE
In case of contact, immediately wash skin with soap and copious amounts of water.

EYE EXPOSURE
In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Section 5 - Fire Fighting Measures

FLASH POINT
N/A

AUTOIGNITION TEMP
N/A

FLAMMABILITY
N/A

EXTINGUISHING MEDIA
Suitable: Carbon dioxide, dry chemical powder, or appropriate foam.

FIREFIGHTING
Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Specific Hazard(s): Emits toxic fumes under fire conditions.

Section 6 - Accidental Release Measures

PROCEDURE TO BE FOLLOWED IN CASE OF LEAK OR SPILL
Evacuate area.

PROCEDURE(S) OF PERSONAL PRECAUTION(S)
Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Wear disposable coveralls and discard them after use.

METHODS FOR CLEANING UP
Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7 - Handling and Storage

HANDLING
User Exposure: Do not breathe dust. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.

STORAGE

Suitable: Keep tightly closed.

Section 8 - Exposure Controls / PPE

ENGINEERING CONTROLS

Use only in a chemical fume hood. Safety shower and eye bath.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.
Hand: Compatible chemical-resistant gloves.
Eye: Chemical safety goggles.

GENERAL HYGIENE MEASURES

Wash contaminated clothing before reuse. Wash thoroughly after handling.

EXPOSURE LIMITS

Country	Source	Type	Value
Poland		NDS	0.004 MG/M3
Poland		NDSCh	-
Poland		NDSP	-

Section 9 - Physical/Chemical Properties

Appearance: Physical State: Solid

Property	Value	At Temperature or Pressure
Molecular Weight	278,3500 AMU	
pH	N/A	
BP/BP Range	524,000 °C	760,000 mmHg
MP/MP Range	262,000 °C	
Freezing Point	N/A	
Vapor Pressure	N/A	
Vapor Density	N/A	
Saturated Vapor Conc.	N/A	
Bulk Density	N/A	
Odor Threshold	N/A	
Volatile%	N/A	
VOC Content	N/A	
Water Content	N/A	
Solvent Content	N/A	
Evaporation Rate	N/A	
Viscosity	N/A	
Surface Tension	N/A	
Partition Coefficient	N/A	
Decomposition Temp.	N/A	
Flash Point	N/A	
Explosion Limits	N/A	
Flammability	N/A	
Autoignition Temp	N/A	
Refractive Index	N/A	
Optical Rotation	N/A	
Miscellaneous Data	N/A	

Solubility N/A

N/A = not available

Section 10 - Stability and Reactivity

STABILITY
Stable: Stable.
Materials to Avoid: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS
Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.

HAZARDOUS POLYMERIZATION
Hazardous Polymerization: Will not occur

Section 11 - Toxicological Information

ROUTE OF EXPOSURE
Skin Contact: May cause skin irritation.
Skin Absorption: May be harmful if absorbed through the skin.
Eye Contact: May cause eye irritation.
Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.
Ingestion: May be harmful if swallowed.

TARGET ORGAN(S) OR SYSTEM(S)
Lungs. Liver.

SIGNS AND SYMPTOMS OF EXPOSURE
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

CHRONIC EXPOSURE - CARCINOGEN
Result: This product is or contains a component that has been reported to be probably carcinogenic based on its IARC, OSHA, ACGIH, NTP, or EPA classification.

Species: Rat
Route of Application: Intratracheal
Dose: 100 MG/KG
Result: Tumorigenic:Carcinogenic by RTECS criteria. Lungs, Thorax, or Respiration:Tumors.

Species: Mouse
Route of Application: Oral
Dose: 4160 MG/KG
Exposure Time: 26W
Frequency: I
Result: Lungs, Thorax, or Respiration:Tumors. Tumorigenic:Carcinogenic by RTECS criteria.

Species: Mouse
Route of Application: Skin
Dose: 1200 MG/KG
Exposure Time: 50W
Frequency: I
Result: Tumorigenic:Tumors at site or application. Tumorigenic:Carcinogenic by RTECS criteria. Skin and Appendages: Other: Tumors.

Species: Mouse
Route of Application: Subcutaneous
Dose: 445 UG/KG
Result: Skin and Appendages: Other: Tumors.
Tumorigenic:Carcinogenic by RTECS criteria. Tumorigenic:Tumors
at site or application.

Species: Mouse
Route of Application: Intravenous
Dose: 40 MG/KG
Result: Tumorigenic:Neoplastic by RTECS criteria. Lungs, Thorax,
or Respiration:Tumors. Liver:Tumors.

Species: Mouse
Route of Application: Implant
Dose: 80 MG/KG
Result: Kidney, Ureter, Bladder:Tumors. Tumorigenic:Carcinogenic
by RTECS criteria.

Species: Mouse
Route of Application: Multiple
Dose: 40 MG/KG
Exposure Time: 12D
Frequency: I
Result: Tumorigenic:Tumors at site or application. Lungs,
Thorax, or Respiration:Tumors. Tumorigenic:Equivocal tumorigenic
agent by RTECS criteria.

Species: Guinea pig
Route of Application: Subcutaneous
Dose: 250 MG/KG
Exposure Time: 24D
Frequency: I
Result: Tumorigenic:Equivocal tumorigenic agent by RTECS
criteria. Tumorigenic:Tumors at site or application. Lungs,
Thorax, or Respiration:Tumors.

Species: Guinea pig
Route of Application: Intravenous
Dose: 30 MG/KG
Result: Tumorigenic:Tumors at site or application. Lungs,
Thorax, or Respiration:Tumors. Tumorigenic:Equivocal tumorigenic
agent by RTECS criteria.

Species: Pigeon
Route of Application: Intramuscular
Dose: 6 MG/KG
Result: Tumorigenic:Carcinogenic by RTECS criteria.
Liver:Tumors. Tumorigenic:Tumors at site or application.

Species: Frog
Route of Application: Intrarenal
Dose: 12 MG/KG
Result: Kidney, Ureter, Bladder:Kidney tumors. Lungs, Thorax, or
Respiration:Tumors. Tumorigenic:Neoplastic by RTECS criteria.

Species: Mouse
Route of Application: Implant
Dose: 14 MG/KG

Result: Tumorigenic:Neoplastic by RTECS criteria.
Tumorigenic:Tumors at site or application.

Species: Mouse
Route of Application: Subcutaneous
Dose: 78 UG/KG
Result: Tumorigenic:Neoplastic by RTECS criteria.
Tumorigenic:Tumors at site or application.

Species: Mouse
Route of Application: Oral
Dose: 4520 MG/KG
Exposure Time: 36W
Frequency: C
Result: Tumorigenic:Carcinogenic by RTECS criteria. Lungs, Thorax, or Respiration:Tumors. Gastrointestinal:Tumors.

Species: Mouse
Route of Application: Implant
Dose: 200 MG/KG
Result: Tumorigenic:Neoplastic by RTECS criteria. Lungs, Thorax, or Respiration:Bronchiogenic carcinoma. Tumorigenic:Tumors at site or application.

Species: Mouse
Route of Application: Skin
Dose: 6 UG/KG
Result: Tumorigenic:Neoplastic by RTECS criteria. Skin and Appendages: Other: Tumors.

Species: Mouse
Route of Application: Subcutaneous
Dose: 6 MG/KG
Result: Tumorigenic:Equivocal tumorigenic agent by RTECS criteria. Tumorigenic:Tumors at site or application.

Species: Mouse
Route of Application: Skin
Dose: 400 MG/KG
Exposure Time: 40W
Frequency: I
Result: Tumorigenic:Neoplastic by RTECS criteria. Skin and Appendages: Other: Tumors.

Species: Mouse
Route of Application: Implant
Dose: 100 MG/KG
Result: Tumorigenic:Carcinogenic by RTECS criteria. Kidney, Ureter, Bladder:Tumors. Tumorigenic:Tumors at site or application.

Species: Rat
Route of Application: Subcutaneous
Dose: 135 MG/KG
Exposure Time: 9W
Frequency: I
Result: Tumorigenic:Neoplastic by RTECS criteria. Lungs, Thorax, or Respiration:Tumors. Tumorigenic:Tumors at site or application.

Species: Mouse

Route of Application: Subcutaneous
Dose: 400 MG/KG
Exposure Time: 10W
Frequency: I
Result: Tumorigenic:Neoplastic by RTECS criteria.
Tumorigenic:Tumors at site or application.

IARC CARCINOGEN LIST

Rating: Group 2A

NTP CARCINOGEN LIST

Rating: Anticipated to be a carcinogen.

CHRONIC EXPOSURE - MUTAGEN
Result: Laboratory experiments have shown mutagenic effects.

Species: Human
Dose: 360 NMOL/L
Cell Type: Embryo
Mutation test: DNA

Species: Human
Dose: 100 UMOL/L
Cell Type: fibroblast
Mutation test: Unscheduled DNA synthesis

Species: Human
Dose: 10 MG/L
Cell Type: Other cell types
Mutation test: Unscheduled DNA synthesis

Species: Human
Dose: 100 NMOL/L
Cell Type: HeLa cell
Mutation test: Unscheduled DNA synthesis

Species: Human
Dose: 54 UG/L
Cell Type: lymphocyte
Mutation test: Mutation in mammalian somatic cells.

Species: Rat
Route: Intratracheal
Dose: 25500 UG/KG
Exposure Time: 16H
Mutation test: Micronucleus test

Species: Rat
Route: Oral
Dose: 200 MG/KG
Mutation test: Morphological transformation.

Species: Rat
Dose: 100 UG/L
Cell Type: Embryo
Mutation test: Morphological transformation.

Species: Rat

Route: Intratracheal
Dose: 25560 UG/KG
Mutation test: DNA

Species: Rat
Route: Intratracheal
Dose: 51150 UG/KG
Mutation test: Sister chromatid exchange

Species: Mouse
Route: Intraperitoneal
Dose: 500 MG/KG
Mutation test: Micronucleus test

Species: Mouse
Dose: 4250 UG/L (+S9)
Cell Type: lymphocyte
Mutation test: Mutation in microorganisms

Species: Mouse
Dose: 500 UG/L
Cell Type: fibroblast
Mutation test: Morphological transformation.

Species: Mouse
Dose: 100 UG/L
Cell Type: Embryo
Mutation test: Morphological transformation.

Species: Mouse
Dose: 6 UMOL/L
Cell Type: liver
Mutation test: DNA

Species: Mouse
Route: Skin
Dose: 40 UMOL/KG
Mutation test: DNA

Species: Mouse
Dose: 1 MG/L
Cell Type: Other cell types
Mutation test: DNA

Species: Mouse
Dose: 1 MG/L
Cell Type: Other cell types
Mutation test: Other mutation test systems

Species: Mouse
Dose: 510 NMOL/L
Cell Type: Embryo
Mutation test: DNA

Species: Mouse
Dose: 510 NMOL/L
Cell Type: Embryo
Mutation test: Other mutation test systems

Species: Hamster

Dose: 56400 NMOL/L (+S9)
Cell Type: lung
Mutation test: Mutation in microorganisms

Species: Hamster
Dose: 2500 UG/L
Cell Type: Embryo
Mutation test: Morphological transformation.

Species: Hamster
Dose: 25 UG/L
Cell Type: kidney
Mutation test: Morphological transformation.

Species: Hamster
Dose: 5 MG/L
Exposure Time: 24H
Cell Type: fibroblast
Mutation test: DNA damage

Species: Hamster
Dose: 360 NMOL/L
Cell Type: Embryo
Mutation test: DNA

Species: Hamster
Dose: 5 MG/L
Cell Type: kidney
Mutation test: DNA damage

Species: Hamster
Dose: 1 MG/L
Cell Type: lung
Mutation test: DNA

Species: Hamster
Dose: 1 MG/L
Cell Type: lung
Mutation test: Other mutation test systems

Species: Hamster
Dose: 1 MMOL/L
Cell Type: fibroblast
Mutation test: Cytogenetic analysis

Species: Hamster
Route: Intraperitoneal
Dose: 900 MG/KG
Exposure Time: 24H
Mutation test: Sister chromatid exchange

Species: Hamster
Dose: 500 UG/L
Cell Type: lung
Mutation test: Mutation in mammalian somatic cells.

Species: Mammal
Dose: 2 NMOL/L
Cell Type: lymphocyte
Mutation test: DNA damage

Section 12 - Ecological Information

No data available.

Section 13 - Disposal Considerations

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION
Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state, and local environmental regulations. (DN)Requires special label: "Contains a substance which is regulated by Dannish work environmental law due to the risk of carcinogenic properties."

Section 14 - Transport Information

DOT
Proper Shipping Name: Environmentally hazardous substances, solid, n.o.s.
UN#: 3077
Class: 9
Packing Group: Packing Group III
Hazard Label: Class 9
PIH: Not PIH

IATA
Proper Shipping Name: Environmentally hazardous substance, solid, n.o.s
IATA UN Number: 3077
Hazard Class: 9
Packing Group: III

Section 15 - Regulatory Information

EU DIRECTIVES CLASSIFICATION
Symbol of Danger: T-N
Indication of Danger: Toxic. Dangerous for the environment.
R: 45-50/53
Risk Statements: May cause cancer. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S: 53-45-60-61
Safety Statements: Restricted to professional users. Attention - Avoid exposure - obtain special instructions before use. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Refer to special instructions/safety data sheets.

US CLASSIFICATION AND LABEL TEXT
Indication of Danger: Toxic. Dangerous for the environment.
Risk Statements: May cause cancer. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety Statements: Restricted to professional users. Attention - Avoid exposure - obtain special instructions before use. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Wear suitable protective clothing, gloves, and eye/face protection. This

material and its container must be disposed of as hazardous waste. Avoid release to the environment. Refer to special instructions/safety data sheets.
US Statements: Target organ(s): Lungs. Liver. Calif. Prop. 65 carcinogen.

UNITED STATES REGULATORY INFORMATION
SARA LISTED: Yes
NOTES: This product is subject to SARA section 313 reporting requirements.
TSCA INVENTORY ITEM: Yes

UNITED STATES - STATE REGULATORY INFORMATION

CALIFORNIA PROP - 65
California Prop - 65: This product is or contains chemical(s) known to the state of California to cause cancer. This product is or contains chemical(s) known to the state of California to cause cancer.

CANADA REGULATORY INFORMATION
WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.
DSL: No
NDSL: Yes

Section 16 - Other Information

DISCLAIMER
For R&D use only. Not for drug, household or other uses.

WARRANTY
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.
Copyright 2010 Sigma-Aldrich Co. License granted to make unlimitedpaper copies for internal use only.

SAFETY DATA SHEET

Version 5.6
Revision Date 12/11/2017
Print Date 11/10/2018

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Indeno[1,2,3-*cd*]pyrene

Product Number : 48499
Brand : Supelco

CAS-No. : 193-39-5

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich
3050 Spruce Street
SAINT LOUIS MO 63103
USA

Telephone : +1 800-325-5832
Fax : +1 800-325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Carcinogenicity (Category 2), H351

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Warning

Hazard statement(s)
H351 Suspected of causing cancer.

Precautionary statement(s)
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P281 Use personal protective equipment as required.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P405 Store locked up.
P501 Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Formula	:	$C_{22}H_{12}$
Molecular weight	:	276.33 g/mol
CAS-No.	:	193-39-5
EC-No.	:	205-893-2

Hazardous components

Component	Classification	Concentration
Indeno[1,2,3-cd]pyrene		
	Carc. 2; H351	90 - 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid formation of dust and aerosols.Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.
Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.

Store at room temperature.
Storage class (TRGS 510): 13: Non Combustible Solids

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters
Contains no substances with occupational exposure limit values.
Hazardous components without workplace control parameters

Biological occupational exposure limits

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
Indeno[1,2,3-cd]pyrene	193-39-5	1-Hydroxypyrene (1-HP)		Urine	ACGIH - Biological Exposure Indices (BEI)
	Remarks	End of shift at end of workweek			

8.2 Exposure controls

Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection
Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the

sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: solid
b)	Odour	No data available
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	163.6 °C (326.5 °F)
f)	Initial boiling point and boiling range	536.0 °C (996.8 °F)
g)	Flash point	No data available
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	No data available
l)	Vapour density	No data available
m)	Relative density	No data available
n)	Water solubility	No data available
o)	Partition coefficient: n-octanol/water	No data available
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
Strong oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
No data available

Inhalation: No data available

Dermal: No data available

No data available

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitisation
No data available

Germ cell mutagenicity
No data available

Carcinogenicity

This product is or contains a component that has been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP, or EPA classification.

Limited evidence of carcinogenicity in animal studies

IARC:	2B - Group 2B: Possibly carcinogenic to humans (Indeno[1,2,3-cd]pyrene)
NTP:	RAHC - Reasonably anticipated to be a human carcinogen (Indeno[1,2,3-cd]pyrene)
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity
No data available

No data available

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

Additional Information
RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

15. REGULATORY INFORMATION

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Chronic Health Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Indeno[1,2,3-cd]pyrene	193-39-5	1993-04-24

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Indeno[1,2,3-cd]pyrene	193-39-5	1993-04-24

	CAS-No.	Revision Date
Indeno[1,2,3-cd]pyrene	193-39-5	1993-04-24

New Jersey Right To Know Components

	CAS-No.	Revision Date
Indeno[1,2,3-cd]pyrene	193-39-5	1993-04-24

California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause cancer. Indeno[1,2,3-cd]pyrene	CAS-No. 193-39-5	Revision Date 2007-09-28

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Carc.	Carcinogenicity
H351	Suspected of causing cancer.

HMIS Rating

Health hazard:	0
Chronic Health Hazard:	*
Flammability:	0
Physical Hazard	0

NFPA Rating

Health hazard:	1
Fire Hazard:	0
Reactivity Hazard:	0

Further information

Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information

Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956

Version: 5.6 Revision Date: 12/11/2017 Print Date: 11/10/2018

SAFETY DATA SHEET

Version 4.11
Revision Date 10/12/2018
Print Date 06/28/2019

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Lead

Product Number : 391352
Brand : Aldrich

CAS-No. : 7439-92-1

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich
3050 Spruce Street
SAINT LOUIS MO 63103
USA

Telephone : +1 800-325-5832
Fax : +1 800-325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Acute toxicity, Oral (Category 4), H302
Carcinogenicity (Category 2), H351
Reproductive toxicity (Category 2), H361
Specific target organ toxicity - repeated exposure (Category 2), H373
Acute aquatic toxicity (Category 1), H400
Chronic aquatic toxicity (Category 1), H410

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Warning

Hazard statement(s)

H302	Harmful if swallowed.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.

P260	Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301 + P312 + P330	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Formula	:	Pb
Molecular weight	:	207.20 g/mol
CAS-No.	:	7439-92-1
EC-No.	:	231-100-4

Hazardous components

Component	Classification	Concentration
Lead		
	Acute Tox. 4; Carc. 2; STOT RE 1; Aquatic Acute 1; Aquatic Chronic 1; H302, H351, H372, H410	90 - 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
No data available

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid formation of dust and aerosols.Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.
Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.

Keep in a dry place.
Storage class (TRGS 510): 6.1D: Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
	Remarks	See 1910.1025		
Lead	7439-92-1	TWA	0.05 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
		Confirmed animal carcinogen with unknown relevance to humans		
		TWA	0.05 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
		Central Nervous System impairment Hematologic effects Peripheral Nervous System impairment Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Confirmed animal carcinogen with unknown relevance to humans		

		TWA	0.05 mg/m3	USA. NIOSH Recommended Exposure Limits
		See Appendix C		

Biological occupational exposure limits

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
	-	Lead	200 µg/l	In blood	ACGIH - Biological Exposure Indices (BEI)
	Remarks	Not critical			

8.2 Exposure controls

Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection
Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection
Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance — Form: powder

b) Odour — No data available

c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: 327.4 °C (621.3 °F) - lit.
f)	Initial boiling point and boiling range	1,740 °C (3,164 °F) - lit.
g)	Flash point	Not applicable
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	No data available
l)	Vapour density	No data available
m)	Relative density	No data available
n)	Water solubility	No data available
o)	Partition coefficient: n-octanol/water	No data available
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
Strong acids

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Lead oxides
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
No data available

Inhalation: No data available

Dermal: No data available

No data available

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitisation
No data available

Germ cell mutagenicity

Rat
Cytogenetic analysis

Carcinogenicity

Limited evidence of carcinogenicity in animal studies

IARC:	2B - Group 2B: Possibly carcinogenic to humans (Lead)
NTP:	RAHC - Reasonably anticipated to be a human carcinogenThe reference note has been added by TD based on the background information of the NTP. (Lead)
OSHA:	OSHA specifically regulated carcinogen (Lead)

Reproductive toxicity

Reproductive toxicity - Rat - Inhalation
Effects on Newborn: Biochemical and metabolic.

Reproductive toxicity - Rat - Oral
Effects on Newborn: Behavioral.

Reproductive toxicity - Mouse - Oral
Effects on Fertility: Female fertility index (e.g., # females pregnant per females mated). Effects on Fertility: Pre-implantation mortality (e.g., reduction in numbe corpora lutea).

May damage fertility. May damage the unborn child.

Developmental Toxicity - Rat - Inhalation
Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus). Specific Developmental Abnormalities: Blood and lymphatic system (including spleen and marrow).

Developmental Toxicity - Rat - Oral
Specific Developmental Abnormalities: Blood and lymphatic system (including spleen and marrow). Effects on Newborn: Growth statistics (e.g., reduced weight gain).

Developmental Toxicity - Rat - Oral
Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus). Effects on Embryo or Fetus: Fetal death.

Developmental Toxicity - Mouse - Oral
Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus). Effects on Embryo or Fetus: Fetal death.

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard
No data available

Additional Information
RTECS: OF7525000

anemia

Stomach - Irregularities - Based on Human Evidence

Stomach - Irregularities - Based on Human Evidence

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish	mortality LOEC - Oncorhynchus mykiss (rainbow trout) - 1.19 mg/l - 96.0 h
	LC50 - Micropterus dolomieui - 2.2 mg/l - 96.0 h
	mortality NOEC - Salvelinus fontinalis - 1.7 mg/l - 10.0 d
Toxicity to daphnia and other aquatic invertebrates	mortality LOEC - Daphnia (water flea) - 0.17 mg/l - 24 h
	mortality NOEC - Daphnia (water flea) - 0.099 mg/l - 24 h
Toxicity to algae	mortality EC50 - Skeletonema costatum - 7.94 mg/l - 10 d

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential

Bioaccumulation	Oncorhynchus kisutch - 2 Weeks - 150 µg/l
	Bioconcentration factor (BCF): 12

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
UN number: 3077 Class: 9 Packing group: III
Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Lead)
Reportable Quantity (RQ): 10 lbs
Poison Inhalation Hazard: No

IMDG
UN number: 3077 Class: 9 Packing group: III EMS-No: F-A, S-F
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Lead)
Marine pollutant:yes

IATA
UN number: 3077 Class: 9 Packing group: III
Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Lead)

Further information

EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods > 5L for liquids or > 5kg for solids.

15. REGULATORY INFORMATION

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
The following components are subject to reporting levels established by SARA Title III, Section 313:

	CAS-No.	Revision Date
Lead	7439-92-1	2015-11-23

SARA 311/312 Hazards
Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Lead	7439-92-1	2015-11-23

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Lead	7439-92-1	2015-11-23

	CAS-No.	Revision Date
Lead	7439-92-1	2015-11-23

New Jersey Right To Know Components

	CAS-No.	Revision Date
Lead	7439-92-1	2015-11-23

California Prop. 65 Components

	CAS-No.	Revision Date
WARNING! This product contains a chemical known to the State of California to cause cancer. Lead	7439-92-1	2009-02-01

	CAS-No.	Revision Date
WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. Lead	7439-92-1	2009-02-01

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity
Aquatic Chronic	Chronic aquatic toxicity
Carc.	Carcinogenicity
H302	Harmful if swallowed.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.

Further information
Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information
Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956

Version: 4.11 Revision Date: 10/12/2018 Print Date: 06/28/2019

SAFETY DATA SHEET

Version 6.1
Revision Date 05/28/2017
Print Date 06/28/2019

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Manganese

Product Number : 463728
Brand : Aldrich

CAS-No. : 7439-96-5

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.
3050 Spruce Street
ST. LOUIS MO 63103
UNITED STATES

Telephone : +1 314 771-5765
Fax : +1 800 325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Substances and mixtures, which in contact with water, emit flammable gases (Category 1), H260
Acute aquatic toxicity (Category 3), H402
Chronic aquatic toxicity (Category 3), H412

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)
H260 In contact with water releases flammable gases which may ignite spontaneously.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statement(s)
P223 Keep away from any possible contact with water, because of violent reaction and possible flash fire.
P231 + P232 Handle under inert gas. Protect from moisture.

P273	Avoid release to the environment.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P335 + P334	Brush off loose particles from skin. Immerse in cool water/ wrap in wet bandages.
P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
P402 + P404	Store in a dry place. Store in a closed container.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Formula	:	Mn
Molecular weight	:	54.94 g/mol
CAS-No.	:	7439-96-5
EC-No.	:	231-105-1

Hazardous components

Component	Classification	Concentration
Manganese		
	Water-react. 1; Aquatic Acute 3; Aquatic Chronic 3; H260, H412	<= 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Dry powder Carbon dioxide (CO2)

Unsuitable extinguishing media
Water

5.2 Special hazards arising from the substance or mixture
Manganese/manganese oxides

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Do not flush with water. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed.Keep away from sources of ignition - No smoking.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.
Never allow product to get in contact with water during storage.

Moisture sensitive. Keep in a dry place.

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
Manganese	7439-96-5	TWA	0.200000 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Central Nervous System impairment Adopted values or notations enclosed are those for which changes are proposed in the NIC See Notice of Intended Changes (NIC)		
		C	5.000000 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		Ceiling limit is to be determined from breathing-zone air samples.		
		C	5 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		Ceiling limit is to be determined from breathing-zone air samples.		

		TWA	1.000000 mg/m3	USA. NIOSH Recommended Exposure Limits
		ST	3.000000 mg/m3	USA. NIOSH Recommended Exposure Limits
		TWA	1.000000 mg/m3	USA. NIOSH Recommended Exposure Limits
		ST	3.000000 mg/m3	USA. NIOSH Recommended Exposure Limits
		C	5.000000 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		Ceiling limit is to be determined from breathing-zone air samples.		
		TWA	1.000000 mg/m3	USA. NIOSH Recommended Exposure Limits
		ST	3.000000 mg/m3	USA. NIOSH Recommended Exposure Limits
		TWA	0.200000 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
		Central Nervous System impairment Adopted values or notations enclosed are those for which changes are proposed in the NIC See Notice of Intended Changes (NIC) varies		
		TWA	0.100000 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
		Central Nervous System impairment 2015 Adoption varies		
		TWA	0.020000 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
		Central Nervous System impairment 2015 Adoption varies		
		TWA	1 mg/m3	USA. NIOSH Recommended Exposure Limits
		ST	3 mg/m3	USA. NIOSH Recommended Exposure Limits
		TWA	0.1 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
		Central Nervous System impairment Not classifiable as a human carcinogen varies		
		TWA	0.02 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
		Central Nervous System impairment Not classifiable as a human carcinogen varies		

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Impervious clothing, Flame retardant protective clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use (EN 143) respirator cartridges as a backup to engineering controls. If th full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: powder Colour: grey
b)	Odour	No data available
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: 1,244 °C (2,271 °F) - lit.
f)	Initial boiling point and boiling range	1,962 °C (3,564 °F) - lit.
g)	Flash point	()Not applicable
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	No data available
l)	Vapour density	No data available
m)	Relative density	7.3 g/mL at 25 °C (77 °F)
n)	Water solubility	No data available
o)	Partition coefficient: n-octanol/water	No data available
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
Reacts violently with water.

10.4 Conditions to avoid
Exposure to moisture

10.5 Incompatible materials
acids, Halogens, Bases, Phosphorus, Sulphur oxides, Peroxides

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Manganese/manganese oxides
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
LD50 Oral - Rat - 9,000 mg/kg(Manganese)
Inhalation: No data available(Manganese)
Dermal: No data available(Manganese)
No data available(Manganese)

Skin corrosion/irritation
Skin - Rabbit(Manganese)
Result: Mild skin irritation - 24 h

Serious eye damage/eye irritation
Eyes - Rabbit(Manganese)
Result: Mild eye irritation - 24 h

Respiratory or skin sensitisation
No data available(Manganese)

Germ cell mutagenicity

No data available(Manganese)

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity
No data available(Manganese)

May cause reproductive disorders.(Manganese)

Specific target organ toxicity - single exposure
No data available(Manganese)

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available(Manganese)

Additional Information
RTECS: OO9275000

Men exposed to manganese dusts showed a decrease in fertility. Chronic man system. Early symptoms include languor, sleepiness and weakness in the le disturbances such as uncontrollable laughter and a spastic gait with tend cases. High incidence of pneumonia has been found in workers exposed to t(Manganese)

Stomach - Irregularities - Based on Human Evidence
Stomach - Irregularities - Based on Human Evidence(Manganese)

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to daphnia and other aquatic invertebrates	EC50 - Daphnia magna (Water flea) - 40 mg/l - 48 h(Manganese)

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available(Manganese)

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life.

No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Burn in a chemical incinerator equipped with an afterburner and scrubber b highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
UN number: 3208 Class: 4.3 Packing group: I
Proper shipping name: Metallic substance, water-reactive, n.o.s. (Manganese)
Poison Inhalation Hazard: No

IMDG
UN number: 3208 Class: 4.3 Packing group: I EMS-No: F-G, S-N
Proper shipping name: METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S. (Manganese)

IATA
UN number: 3208 Class: 4.3 Packing group: I
Proper shipping name: Metallic substance, water-reactive, n.o.s. (Manganese)
IATA Passenger: Not permitted for transport

15. REGULATORY INFORMATION

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

	CAS-No.	Revision Date
Manganese	7439-96-5	2007-07-01

SARA 311/312 Hazards
Reactivity Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Manganese	7439-96-5	2007-07-01

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Manganese	7439-96-5	2007-07-01

New Jersey Right To Know Components

	CAS-No.	Revision Date
Manganese	7439-96-5	2007-07-01

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H260	In contact with water releases flammable gases which may ignite spontaneously.
H402	Harmful to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

HMIS Rating

Health hazard:	0
Chronic Health Hazard:	*
Flammability:	3
Physical Hazard	2

NFPA Rating

Health hazard:	0
Fire Hazard:	0
Reactivity Hazard:	2
Special hazard.I:	W

Further information
Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling

or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information

Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956
Version: 6.1 Revision Date: 05/28/2017 Print Date: 06/28/2019

SAFETY DATA SHEET

Version 3.15
Revision Date 03/05/2018
Print Date 06/28/2019

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Mercury

Product Number : 215457
Brand : Sigma-Aldrich
Index-No. : 080-001-00-0

CAS-No. : 7439-97-6

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich
3050 Spruce Street
SAINT LOUIS MO 63103
USA

Telephone : +1 800-325-5832
Fax : +1 800-325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Acute toxicity, Inhalation (Category 2), H330
Reproductive toxicity (Category 1B), H360
Specific target organ toxicity - repeated exposure (Category 1), H372
Acute aquatic toxicity (Category 1), H400
Chronic aquatic toxicity (Category 1), H410

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)

H330	Fatal if inhaled.
H360	May damage fertility or the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P284	Wear respiratory protection.
P304 + P340 + P310	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P391	Collect spillage.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Formula	:	Hg
Molecular weight	:	200.59 g/mol
CAS-No.	:	7439-97-6
EC-No.	:	231-106-7
Index-No.	:	080-001-00-0

Hazardous components

Component	Classification	Concentration
Mercury		
	Acute Tox. 2; Repr. 1B; STOT RE 1; Aquatic Acute 1; Aquatic Chronic 1; H330, H360, H372, H410	90 - 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
No data available

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. In some instances, a mercury spill kit may be used. Please consult with your site EHS representative to determine the most appropriate clean up method.Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Store under inert gas.
Storage class (TRGS 510): 6.1B: Non-combustible, acute toxic Cat. 1 and 2 / very toxic hazardous materials

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
Mercury	7439-97-6	C	0.1 mg/m3	USA. NIOSH Recommended Exposure Limits
	Remarks	Potential for dermal absorption		
		CEIL	1.0mg/10m3	USA. Occupational Exposure Limits (OSHA) - Table Z-2
		TWA	0.05 mg/m3	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
		Skin notation		

		TWA	0.025 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
		Central Nervous System impairment Kidney damage Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Not classifiable as a human carcinogen Danger of cutaneous absorption		
		TWA	0.05 mg/m3	USA. NIOSH Recommended Exposure Limits
		Potential for dermal absorption		

8.2 Exposure controls

Appropriate engineering controls
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection
Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection
Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: liquid Colour: silver, white

b)	Odour	odourless
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: -38.87 °C (-37.97 °F) - lit.
f)	Initial boiling point and boiling range	356.6 °C (673.9 °F) - lit.
g)	Flash point	Not applicable
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	< 0.01 hPa (< 0.01 mmHg) at 20 °C (68 °F) 1 hPa (1 mmHg) at 126 °C (259 °F)
l)	Vapour density	6.93 - (Air = 1.0)
m)	Relative density	13.55 g/cm3 at 25 °C (77 °F)
n)	Water solubility	0.00006 g/l at 25 °C (77 °F)
o)	Partition coefficient: n-octanol/water	No data available
p)	Auto-ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information

Relative vapour density	6.93 - (Air = 1.0)

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
Strong oxidizing agents, Ammonia, Azides, Nitrates, Chlorates, Copper

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Mercury/mercury oxides.
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
No data available

LC50 Inhalation - Rat - male - 2 h - < 27 mg/m3

Dermal: No data available

No data available

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitisation
No data available

Germ cell mutagenicity
No data available

Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity
Presumed human reproductive toxicant

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard
No data available

Additional Information
RTECS: OV4550000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Stomach - Irregularities - Based on Human Evidence
Stomach - Irregularities - Based on Human Evidence

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish	mortality LC50 - Cyprinus carpio (Carp) - 0.160 mg/l - 96 h

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential

Bioaccumulation	Carassius auratus (goldfish) - 1,789 d - 0.25 µg/l

Bioconcentration factor (BCF): 155,986

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
UN number: 2809 Class: 8 (6.1) Packing group: III
Proper shipping name: A. W. Mercury
Reportable Quantity (RQ): 1 lbs
Poison Inhalation Hazard: No

IMDG

IATA
UN number: 2809 Class: 8 (6.1) Packing group: III
Proper shipping name: Mercury

15. REGULATORY INFORMATION

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Mercury	7439-97-6	2015-11-23

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Mercury	7439-97-6	2015-11-23

	CAS-No.	Revision Date
Mercury	7439-97-6	2015-11-23

New Jersey Right To Know Components

	CAS-No.	Revision Date
Mercury	7439-97-6	2015-11-23

California Prop. 65 Components

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. Mercury	CAS-No. 7439-97-6	Revision Date 2013-12-20

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity
Aquatic Chronic	Chronic aquatic toxicity
H330	Fatal if inhaled.
H360	May damage fertility or the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
Repr.	Reproductive toxicity

HMIS Rating

Health hazard:	2
Chronic Health Hazard:	*
Flammability:	0
Physical Hazard	0

NFPA Rating

Health hazard:	2
Fire Hazard:	0
Reactivity Hazard:	0

Further information

Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information

Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956

Version: 3.15 Revision Date: 03/05/2018 Print Date: 06/28/2019

SAFETY DATA SHEET

Version 8.10
Revision Date 08/08/2024
Print Date 08/29/2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : Phenanthrene

Product Number : 73338
Brand : Sigma-Aldrich
CAS-No. : 85-01-8

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

Uses advised against : The product is being supplied under the TSCA R&D Exemption (40 CFR Section 720.36). It is the recipient's responsibility to comply with the requirements of the R&D exemption. The product may not be used for a non-exempt commercial purpose under TSCA unless appropriate consent is granted in writing by MilliporeSigma.

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.
3050 SPRUCE ST
ST. LOUIS MO 63103
UNITED STATES

Telephone : +1 314 771-5765
Fax : +1 800 325-5052

1.4 Emergency telephone

Emergency Phone # : 800-424-9300 CHEMTREC (USA) +1-703-527-3887 CHEMTREC (International) 24 Hours/day; 7 Days/week

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Acute toxicity, Oral (Category 4), H302
Short-term (acute) aquatic hazard (Category 1), H400
Long-term (chronic) aquatic hazard (Category 1), H410

For the full text of the H-Statements mentioned in this Section, see Section 16.

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal Word Warning

Hazard Statements

H302	Harmful if swallowed.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary Statements

P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P301 + P312 + P330	IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.
P391	Collect spillage.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

SECTION 3: Composition/information on ingredients

3.1 Substances

Formula : $C_{14}H_{10}$
Molecular weight : 178.23 g/mol
CAS-No. : 85-01-8
EC-No. : 201-581-5

Component	Classification	Concentration
phenanthrene		
	Acute Tox. 4; Aquatic Acute 1; Aquatic Chronic 1; H302, H400, H410 M-Factor - Aquatic Acute: 1 - Aquatic Chronic: 1	<= 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first-aid measures

No data available

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

4.3 Indication of any immediate medical attention and special treatment needed
No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media
No data available

5.2 Special hazards arising from the substance or mixture
Nature of decomposition products not known.
Combustible.

5.3 Advice for firefighters
No data available

5.4 Further information
No data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
For personal protection see section 8.

6.2 Environmental precautions
No data available

6.3 Methods and materials for containment and cleaning up
No data available

6.4 Reference to other sections
For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Storage stability Recommended storage temperature
15 - 25 °C
Handle and store under inert gas. Moisture sensitive.

Storage class
Storage class (TRGS 510): 11: Combustible Solids

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
phenanthrene	85-01-8	TWA	0.2 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
	Remarks	OSHA specifically regulated carcinogen		
		TWA	0.1 mg/m3	USA. NIOSH Recommended Exposure Limits
		Potential Occupational Carcinogen		
		PEL	0.2 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
		PEL	0.2 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)

Biological occupational exposure limits

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
phenanthrene	85-01-8	1-Hydroxypyrene	2.5 µg/l	Urine	ACGIH - Biological Exposure Indices (BEI)
	Remarks	End of shift at end of workweek			
		3-hydroxybenzo(a)pyrene		Urine	ACGIH - Biological Exposure Indices (BEI)
		End of shift at end of workweek			

8.2 Exposure controls

Personal protective equipment

Skin protection

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).
Full contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:KCL 741 Dermatril® L

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).
Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:KCL 741 Dermatril® L

Control of environmental exposure
Prevent product from entering drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: powder Color: white
b)	Odor	No data available
c)	Odor Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	98.0 °C (208.4 °F)
f)	Initial boiling point and boiling range	No data available
g)	Flash point	()Not applicable
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapor pressure	No data available
l)	Vapor density	No data available
m)	Density	1.179 g/cm3 at 25 °C (77 °F)
	Relative density	No data available
n)	Water solubility	0.00115 g/l at 25 °C (77 °F)
o)	Partition coefficient: n-octanol/water	log Pow: 4.46 - (Lit.), A remarkable bioaccumulation potential is expected (log Po/w >3).
p)	Autoignition temperature	No data available

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	none

9.2 Other safety information
No data available

SECTION 10: Stability and reactivity

10.1 Reactivity
No data available

10.2 Chemical stability
No data available

10.3 Possibility of hazardous reactions
Violent reactions possible with:
Oxidizing agents

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
No data available

10.6 Hazardous decomposition products
In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity
LD50 Oral - Mouse - 700 mg/kg
Remarks: (RTECS)
Inhalation: No data available
Dermal: No data available
No data available

Skin corrosion/irritation
Remarks: No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitization
No data available

Germ cell mutagenicity

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Test Type: Ames test
Test system: Escherichia coli
Result: negative
Remarks: (Lit.)
(National Toxicology Program)

Carcinogenicity

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity
No data available

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

11.2 Additional Information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Other dangerous properties can not be excluded.

Handle in accordance with good industrial hygiene and safety practice.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish	flow-through test LC50 - Lepomis macrochirus (Bluegill sunfish) - 0.234 mg/l - 96 h Remarks: (ECOTOX Database)
Toxicity to daphnia and other aquatic invertebrates	EC50 - Daphnia magna (Water flea) - 0.212 mg/l - 48 h Remarks: (ECOTOX Database)
Toxicity to fish(Chronic toxicity)	flow-through test NOEC - Oncorhynchus mykiss (rainbow trout) - 0.005 mg/l - 90 d Remarks: (ECOTOX Database)

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Toxicity to daphnia and other aquatic invertebrates(Chronic toxicity)	NOEC - Daphnia magna (Water flea) - 0.048 mg/l - 21 d Remarks: (ECOTOX Database)

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

Bioaccumulation	Pimephales promelas (fathead minnow) - 28 d - 0.00255 mg/l(phenanthrene) Bioconcentration factor (BCF): 5,100

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

Discharge into the environment must be avoided.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

No data available

SECTION 14: Transport information

DOT (US)

UN number: 3077 Class: 9 Packing group: III

Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (phenanthrene)

Reportable Quantity (RQ): 5000 lbs

Poison Inhalation Hazard: No

IMDG

UN number: 3077 Class: 9 Packing group: III EMS-No: F-A, S-F

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (phenanthrene)

Marine pollutant : yes

Marine pollutant : no

IATA

UN number: 3077 Class: 9 Packing group: III

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (phenanthrene)

Further information

EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination packagings containing inner packagings with Dangerous Goods > 5L for liquids or > 5kg for solids.

SECTION 15: Regulatory information

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
phenanthrene	85-01-8	5000	5000

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Acute Health Hazard

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

phenanthrene 85-01-8 >= 90 - <= 100 %

US State Regulations

Massachusetts Right To Know

phenanthrene 85-01-8

Pennsylvania Right To Know

phenanthrene 85-01-8

Maine Chemicals of High Concern

Product does not contain any listed chemicals

Vermont Chemicals of High Concern

Product does not contain any listed chemicals

Washington Chemicals of High Concern

Product does not contain any listed chemicals

California Prop. 65

WARNING: This product can expose you to chemicals including phenanthrene, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

The ingredients of this product are reported in the following inventories:

TSCA : All substances listed as active on the TSCA inventory

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16: Other information

The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact mlsbranding@sial.com.

Version: 8.10 Revision Date: 08/08/2024 Print Date: 08/29/2024

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Chemical Safety Data Sheet MSDS / SDS

Polychlorinated Biphenyls (PCBs)

Revision Date:2025-01-11 Revision Number:1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product name	: Polychlorinated Biphenyls (PCBs)
CBnumber	: CB7160460
CAS	: 1336-36-3
EINECS Number	: 215-648-1
Synonyms	: PYRANOL,polychlorinated biphenyls

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	: For R&D use only. Not for medicinal, household or other use.
Uses advised against	: none

Company Identification

Company	: Chemicalbook
Address	: Building 1, Huihuang International, Shangdi 10th Street, Haidian District, Beijing
Telephone	: 010-86108875

SECTION 2: Hazards identification

Classification of the substance or mixture

Specific target organ toxicity – repeated exposure, Category 2

Hazardous to the aquatic environment, short-term (Acute) - Category Acute 1

Hazardous to the aquatic environment, long-term (Chronic) - Category Chronic 1

Label elements

Pictogram(s)

Signal word	Warning

Hazard statement(s)

H373 May cause damage to organs through prolonged or repeated exposure

H410 Very toxic to aquatic life with long lasting effects

Precautionary statement(s)

Prevention

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

Response

P319 Get medical help if you feel unwell.

P391 Collect spillage.

Storage

none

Disposal

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other hazards

no data available

SECTION 3: Composition/information on ingredients

Substance

Product name	: Polychlorinated Biphenyls (PCBs)
Synonyms	: PYRANOL,polychlorinated biphenyls
CAS	: 1336-36-3
EC number	: 215-648-1
MF	: N/A
MW	: 0

SECTION 4: First aid measures

Description of first aid measures

If inhaled

Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

Following skin contact

Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

Following eye contact

Rinse with pure water for at least 15 minutes. Consult a doctor.

Following ingestion

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

Most important symptoms and effects, both acute and delayed

no data available

Indication of any immediate medical attention and special treatment needed

If PCB-containing substances have been ingested recently, gastric decontamination may be reasonable. Activated charcoal has not been proven beneficial, but is not contraindicated.

SECTION 5: Firefighting measures

Extinguishing media

Use dry chemical, carbon dioxide, or alcohol foam extinguishers. Vapors are heavier than air and will collect in low areas. Vapors in confined areas may explode when exposed to fire. Containers may explode in fire. Storage containers and parts of containers may rocket great distances, in many directions. If material or contaminated runoff enters waterways, notify downstream users of potentially contaminated waters. Notify local health and fire officials and pollution control agencies. From a secure, explosion-proof location, use water spray to cool exposed containers. If cooling streams are ineffective (venting sound increases in volume and pitch, tank discolors, or shows any signs of deforming), withdraw immediately to a secure position ... The only respirators recommended for fire fighting are self-contained breathing apparatuses that have full facepieces and are operated in a pressure-demand or other positive pressure mode.

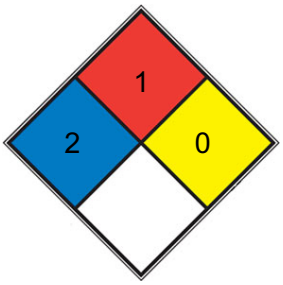
Specific Hazards Arising from the Chemical

no data available

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

NFPA 704



■	HEALTH	2	Intense or continued but not chronic exposure could cause temporary incapacitation or possible residual injury (e.g. diethyl ether, ammonium phosphate, iodine)
■	FIRE	1	Materials that require considerable preheating, under all ambient temperature conditions, before ignition and combustion can occur. Includes some finely divided suspended solids that do not require heating before ignition can occur. Flash point at or above 93.3 °C (200 °F). (e.g. mineral oil, ammonia)
■	REACT	0	Normally stable, even under fire exposure conditions, and is not reactive with water (e.g. helium,N2)
□	SPEC. HAZ.		

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing mist, gas or vapours.Avoid contacting with skin and eye. Use personal protective equipment.Wear chemical impermeable gloves. Ensure adequate ventilation.Remove all sources of ignition. Evacuate personnel to safe areas.Keep people away from and upwind of spill/leak.

Environmental precautions

Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

Dry sand or earth should be spread on the leak, or spill area. ...

SECTION 7: Handling and storage

Precautions for safe handling

Handling in a well ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

Conditions for safe storage, including any incompatibilities

PCB material should be stored in closed containers, in ventilated areas ... PCB's should be handled in isolated areas of the plant, where efficient ventilation systems remove airborne PCB's. ...

SECTION 8: Exposure controls/personal protection

Control parameters

Occupational Exposure limit values

Component	1,1'-Biphenyl, chloro derivs.			
CAS No.	1336-36-3			
	Limit value - Eight hours		**Limit value - Short term**	
	ppm	**mg/m^3**	**ppm**	**mg/m^3**
Canada - Ontario	?	0,05 (1)	?	?
Denmark	?	0,01	?	0,02
Finland	?	0,003 (1)	?	?
Germany (DFG)	?	0,003 (1)(2)(3)(5)	?	0,024 (1)(2)(3)(4)(5)
Hungary	?	POP	?	?
Ireland	?	0,1	?	?
Japan	?	0,01	?	?
Japan - JSOH	?	0,01	?	?
Latvia	?	1	?	?
New Zealand	?	0,1	?	?
Poland	?	1	?	?
Sweden	?	0,01	?	0,03 (1)
Switzerland	0,05	0,5	0,4	4
United Kingdom	?	0,1	?	?
	Remarks			
Canada - Ontario	(1) as sum of components assayed by chromatographic procedure with reference of the bulk sample			
Finland	(1) Total PCB = 5*([PCB 28] + [PCB 52] + [PCB 101] + [PCB 138] + [PCB 153] + [PCB 180])			

Germany (AGS)	(1) 42% Chlorine (CAS-No. 53469-21-9) (2) 54% Chlorine (CAS-No. 11097-69-1)
Germany (DFG)	(1) Only for chlorinated biphenyls with Cl
Hungary	POP Persistent Organic Pollutant
Sweden	(1) Short-term value, 15 minutes average value

Biological limit values

no data available

Exposure controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

Individual protection measures

Eye/face protection

Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

Skin protection

Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

Thermal hazards

no data available

SECTION 9: Physical and chemical properties

Information on basic physicochemical properties

Physical state	no data available
Colour	Vary from mobile oily liquids to white crystalline solids and hard noncrystalline resins.
Odour	Practically odorless; mild aromatic odor
Melting point/freezing point	no data available
Boiling point or initial boiling point and boiling range	340～375
Flammability	no data available
Lower and upper explosion limit/flammability limit	no data available
Flash point	195(O.C)
Auto-ignition temperature	no data available
Decomposition temperature	no data available
pH	no data available
Kinematic viscosity	no data available
Solubility	Solubility in water is extremely low; soluble in oils and organic solvents.
Partition coefficient n-octanol/water	... literature Kow values will vary. These increase with increasing chlorination. log Kow values at 25 deg C: 3.76 (biphenyl); 5.7 (Cl4-PCB's); 6.0 (Cl5-PCB's); 7.0 (Cl6-PCB's); 8.26 (Cl10-PCB's).

Vapour pressure	2.04E-07mmHg at 25°C
Density and/or relative density	1.44(30°C)
Relative vapour density	no data available
Particle characteristics	no data available

SECTION 10: Stability and reactivity

Reactivity

NIOSH considers chlorodiphenyl containing 54% chlorine to be a potential occupational carcinogen. Aroclor 1254

NIOSH considers chlorodiphenyl containing 54% chlorine to be a potential occupational carcinogen. Aroclor 1254

Chemical stability

PCB's are chemically very inert and are stable to conditions of hydrolysis and oxidation in industrial use. Photochemical degradation may be one route of their breakdown in the environment. ...

Possibility of hazardous reactions

Flame resistant.

Conditions to avoid

no data available

Incompatible materials

Liquid chlorine reacts exothermically with polychlorinated biphenyl heat transfer liquid. Polychlorinated biphenyl

Hazardous decomposition products

When heated to decomposition it emits toxic fumes of Chloride.

SECTION 11: Toxicological information

Acute toxicity

- Oral: LD50 Mouse (C57B1/6J) male oral 19 mg/kg/28 day
- Inhalation: no data available
- Dermal: no data available

Skin corrosion/irritation

no data available

Serious eye damage/irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

EPA: Possibly carcinogenic to humans, IARC: Probably carcinogenic to humans, NTP: Known to be a human carcinogen

Reproductive toxicity

An epidemiological study of women occupationally exposed to high levels of PCBs suggested a relationship between PCB exposure and reduced birth weight and shortened gestational age of their babies; however, limitations of the study limit the strength of the conclusion. Two series of human studies that investigated exposure to PCBs through the consumption of contaminated fish suggest that exposure to PCBs may cause developmental effects in humans. Both studies reported an association between consumption of fish with high PCB levels by pregnant women and an increased incidence of neurodevelopmental effects, such as motor deficits at birth, impaired psychomotor index, impaired visual recognition, and deficits in short-term memory in infants. Human studies are not conclusive on the reproductive effects of PCBs. One study of men who were occupationally exposed to PCBs showed no fertility abnormalities, while another study of men with low sperm counts found elevated levels of PCBs in the blood and an association between certain PCB compounds in semen and decreased sperm motility. Animal studies have reported developmental effects, such as learning deficits, impaired immune functions, focal liver necrosis, and cellular alterations of the thyroid, in the offspring of animals exposed orally to PCBs. Reproductive effects, such as decreased fertility, decreased conception, and prolonged menstruation have also been noted in animal studies of dietary PCB exposures.

STOT-single exposure

no data available

STOT-repeated exposure

no data available

Aspiration hazard

no data available

SECTION 12: Ecological information

Toxicity

Toxicity to fish: no data available

Toxicity to daphnia and other aquatic invertebrates: no data available

Toxicity to algae: EC50; Species: Pseudokirchneriella subcapitata (green algae); Conditions: freshwater, static, 22 deg C; Concentration: 182 nmol/L for 48 hr; Effect: decreased population biomass />98% pure

Toxicity to microorganisms: no data available

Persistence and degradability

AEROBIC: The microbial mineralization of three chlorophenols and a PCB mixture was studied using natural bacterial assemblages in laboratory model systems. The systems consisted of water and surface sediment from two lake types: one with a high content of humic substances and the other with a low content. Final PCB concentration in the model systems was 38 ug/L. Aerobic mineralization of the (14)C-ring-labelled compounds was determined as production of (14)CO2 in the systems over the course of 60 days. Mineralization of PCBs in the systems was low compared to the aromatics. The breakdown of PCB was 0.047 nM in the humic cultures and 0.052 nM in cultures from the clear water lake. The avg mineralization rates of PCBs over the 60 day test period for the clear-water and humic cultures were 1.1 and 1.2

pM/day. More than 90% of the PCBs adsorbed to the sediment, while <1% was found in the water phase.

Bioaccumulative potential

Polychlorinated biphenyls (PCBs) are highly lipophilic and bioconcentrate in tissue from concentrations in water ...

Mobility in soil

PCB mobility in aqueous soil-sediment systems has reported experimental Koc values ranging from 510 to 13,300,000 for a variety of Aroclors and PCB congeners; reported Koc values were mostly above 5000(1). Reviews of the PCB mobility literature have found that adsorption of PCBs to soil and sediment generally increases with an increase in the degree of chlorination(2,3). Organic solvents, found at hazardous waste sites, will also increase the solubility and mobility of PCBs(3). Using soil TLC, column leaching and five different soils, PCBs were found to be generally immobile when leached with water or aqueous landfill leachate, but highly mobile when leached with organic solvents(4). PCB fluids can penetrate and travel through the cracks and other connected void spaces found in soil formations(5). In the presence of organic material dissolved from soil, the water solubility of PCBs increases which may augment its leachability. Environmental releases of PCBs often accompany releases of carrier materials from utility equipment. The PCBs that are present in the mineral oil-PCB mixture become even less water soluble than before. This is due to the PCB partitioning into the mineral oil and the reduced interaction of the PCBs with precipitation or groundwater caused by the hydrophobic nature of the oil matrix. The volatility of PCBs also affects their migration through the soil profile. Researchers have carried out simulations that indicate that PCBs can volatilize beneath the soil surface and potentially migrate through several meters of soil cover(5).

Toxics Screening Level

The Initial Risk Screening Level (IRSL) for polychlorinated biphenyls is 0.01 µg/m3 based on an annual averaging time.

Other adverse effects

no data available

SECTION 13: Disposal considerations

Disposal methods

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

SECTION 14: Transport information

UN Number

ADR/RID: Not dangerous goods. (For reference only, please check.)

IMDG: Not dangerous goods. (For reference only, please check.)

IATA: Not dangerous goods. (For reference only, please check.)

UN Proper Shipping Name

ADR/RID: Not dangerous goods. (For reference only, please check.)

IMDG: Not dangerous goods. (For reference only, please check.)

IATA: Not dangerous goods. (For reference only, please check.)

Transport hazard class(es)

ADR/RID: Not dangerous goods. (For reference only, please check.)

IMDG: Not dangerous goods. (For reference only, please check.)

IATA: Not dangerous goods. (For reference only, please check.)

Packing group, if applicable

ADR/RID: Not dangerous goods. (For reference only, please check.)

IMDG: Not dangerous goods. (For reference only, please check.)

IATA: Not dangerous goods. (For reference only, please check.)

Environmental hazards

ADR/RID: Yes

IMDG: Yes

IATA: Yes

Special precautions for user

no data available

Transport in bulk according to IMO instruments

no data available

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

European Inventory of Existing Commercial Chemical Substances (EINECS)

Listed.

EC Inventory

Listed.

United States Toxic Substances Control Act (TSCA) Inventory

Listed.

China Catalog of Hazardous chemicals 2015

Not Listed.

New Zealand Inventory of Chemicals (NZIoC)

Not Listed.

PICCS

Listed.

Vietnam National Chemical Inventory

Listed.

IECSC

Listed.

Korea Existing Chemicals List (KECL)

Listed.

SECTION 16: Other information

Abbreviations and acronyms

CAS: Chemical Abstracts Service

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

RID: Regulation concerning the International Carriage of Dangerous Goods by Rail

IMDG: International Maritime Dangerous Goods

IATA: International Air Transportation Association

TWA: Time Weighted Average

STEL: Short term exposure limit

LC50: Lethal Concentration 50%

LD50: Lethal Dose 50%

EC50: Effective Concentration 50%

References

IPCS - The International Chemical Safety Cards (ICSC), website: http://www.ilo.org/dyn/icsc/showcard.home

HSDB - Hazardous Substances Data Bank, website: https://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm

IARC - International Agency for Research on Cancer, website: http://www.iarc.fr/

eChemPortal - The Global Portal to Information on Chemical Substances by OECD, website: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en

CAMEO Chemicals, website: http://cameochemicals.noaa.gov/search/simple

ChemIDplus, website: http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp

ERG - Emergency Response Guidebook by U.S. Department of Transportation, website: http://www.phmsa.dot.gov/hazmat/library/erg

Germany GESTIS-database on hazard substance, website: http://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index-2.jsp

ECHA - European Chemicals Agency, website: https://echa.europa.eu/

Disclaimer:
The information in this MSDS is only applicable to the specified product, unless otherwise specified, it is not applicable to the mixture of this product and other substances. This MSDS only provides information on the safety of the product for those who have received the appropriate professional training for the user of the product. Users of this MSDS must make independent judgments on the applicability of this SDS. The authors of this MSDS will not be held responsible for any harm caused by the use of this MSDS.

SAFETY DATA SHEET

Version 6.3
Revision Date 03/06/2019
Print Date 06/22/2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : Toluene

Product Number : 244511
Brand : Sigma-Aldrich
Index-No. : 601-021-00-3
CAS-No. : 108-88-3

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.
3050 Spruce Street
ST. LOUIS MO 63103
UNITED STATES

Telephone : +1 314 771-5765
Fax : +1 800 325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable liquids (Category 2), H225
Skin irritation (Category 2), H315
Reproductive toxicity (Category 2), H361
Specific target organ toxicity - single exposure (Category 3), Central nervous system, H336
Specific target organ toxicity - repeated exposure (Category 2), H373
Aspiration hazard (Category 1), H304
Short-term (acute) aquatic hazard (Category 2), H401

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Hazard statement(s)

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
H401	Toxic to aquatic life.

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ ventilating/ lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P312	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P331	Do NOT induce vomiting.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P362	Take off contaminated clothing and wash before reuse.
P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

SECTION 3: Composition/information on ingredients

3.1 Substances

Formula	:	C_7H_8
Molecular weight	:	92.14 g/mol
CAS-No.	:	108-88-3
EC-No.	:	203-625-9

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Index-No. : 601-021-00-3

Component	Classification	Concentration
Toluene		
	Flam. Liq. 2; Skin Irrit. 2; Repr. 2; STOT SE 3; STOT RE 2; Asp. Tox. 1; Aquatic Acute 2; H225, H315, H361d, H336, H373, H304, H401 Concentration limits: 20 %: STOT SE 3, H336;	<= 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
Carbon oxides

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

5.4 Further information
Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections
For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Use explosion-proof equipment.Keep away from sources of ignition - No smoking.Take measures to prevent the build up of electrostatic charge.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Handle and store under inert gas.
Storage class (TRGS 510): 3: Flammable liquids

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Component	CAS-No.	Value	Control parameters	Basis
Toluene	108-88-3	TWA	100 ppm 375 mg/m3	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
		STEL	150 ppm 560 mg/m3	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
		TWA	200 ppm	USA. Occupational Exposure Limits (OSHA) - Table Z-2
	Remarks	Z37.12-1967		
		CEIL	300 ppm	USA. Occupational Exposure Limits (OSHA) - Table Z-2
		Z37.12-1967		
		Peak	500 ppm	USA. Occupational Exposure Limits (OSHA) - Table Z-2
		Z37.12-1967		
		TWA	20 ppm	USA. ACGIH Threshold Limit Values (TLV)
		Visual impairment Female reproductive Pregnancy loss 2018 Adoption Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Not classifiable as a human carcinogen		
		TWA	100 ppm 375 mg/m3	USA. NIOSH Recommended Exposure Limits
		ST	150 ppm 560 mg/m3	USA. NIOSH Recommended Exposure Limits

Biological occupational exposure limits

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
Toluene	108-88-3	Toluene	0.02 mg/l	In blood	ACGIH - Biological Exposure Indices (BEI)
	Remarks	Prior to last shift of workweek			
		Toluene	0.03 mg/l	Urine	ACGIH - Biological Exposure Indices (BEI)
		End of shift (As soon as possible after exposure ceases)			
		o-Cresol	0.3mg/g Creatinine	Urine	ACGIH - Biological Exposure Indices (BEI)
		End of shift (As soon as possible after exposure ceases)			

Predicted No Effect Concentration (PNEC)

Compartment	Value
Soil	2.89 mg/kg

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Marine water	0.68 mg/l
Fresh water	0.68 mg/l
Marine sediment	16.39 mg/kg
Fresh water sediment	16.39 mg/kg
Sewage treatment plant	13.61 mg/l
Aquatic intermittent release	0.68 mg/l

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Fluorinated rubber
Minimum layer thickness: 0.7 mm
Break through time: 480 min
Material tested:Vitoject® (KCL 890 / Aldrich Z677698, Size M)

Splash contact
Material: Fluorinated rubber
Minimum layer thickness: 0.7 mm
Break through time: 480 min
Material tested:Vitoject® (KCL 890 / Aldrich Z677698, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection

Complete suit protecting against chemicals, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: liquid Colour: colourless
b)	Odour	aromatic
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: -93 °C (-135 °F)
f)	Initial boiling point and boiling range	110 - 111 °C 230 - 232 °F
g)	Flash point	4.0 °C (39.2 °F) - closed cup
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	Upper explosion limit: 7 %(V) Lower explosion limit: 1.2 %(V)
k)	Vapour pressure	29.1 hPa at 20.0 °C (68.0 °F)
l)	Vapour density	No data available
m)	Relative density	0.865 g/mL at 25 °C (77 °F)
n)	Water solubility	0.5 g/l at 15 °C (59 °F)
o)	Partition coefficient: n-octanol/water	No data available
p)	Auto-ignition temperature	535.0 °C (995.0 °F)
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

SECTION 10: Stability and reactivity

10.1 Reactivity
No data available

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
Vapours may form explosive mixture with air.

10.4 Conditions to avoid
Heat, flames and sparks.

10.5 Incompatible materials
Strong oxidizing agents

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides
Other decomposition products - No data available
In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity
LD50 Oral - Rat - male - 5,580 mg/kg
(Tested according to Directive 92/69/EEC.)
LC50 Inhalation - Rat - male and female - 4 h - 25.7 mg/l
(OECD Test Guideline 403)
LD50 Dermal - Rabbit - 12,124 mg/kg
Remarks: (ECHA)
No data available

Skin corrosion/irritation
Skin - Rabbit
Result: Irritating to skin. - 4 h
Remarks: (ECHA)

Serious eye damage/eye irritation
Eyes - Rabbit
Result: No eye irritation
(OECD Test Guideline 405)

Respiratory or skin sensitisation
No data available

Germ cell mutagenicity
In vitro mammalian cell gene mutation test
Mouse lymphoma test
Result: negative
Ames test
S. typhimurium
Result: negative

Rat - Bone marrow
Result: negative
(ECHA)

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity
Suspected of damaging the unborn child.

Specific target organ toxicity - single exposure
May cause drowsiness or dizziness. - Central nervous system

Specific target organ toxicity - repeated exposure
May cause damage to organs through prolonged or repeated exposure. - Central nervous system

Aspiration hazard
Aspiration hazard, Aspiration may cause pulmonary oedema and pneumonitis.

Additional Information
RTECS: XS5250000

Drowsiness, irritant effects, Dizziness, Convulsions, Headache, Nausea, Vomiting, Circulatory collapse, somnolence, inebriation, Unconsciousness, respiratory arrest, CNS disorders, respiratory paralysis, death
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Stomach - Irregularities - Based on Human Evidence
Stomach - Irregularities - Based on Human Evidence

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish	LC50 - Oncorhynchus mykiss (rainbow trout) - 5.8 mg/l - 96 h Remarks: (ECOTOX Database)
	NOEC - Pimephales promelas (fathead minnow) - 5.44 mg/l - 7 d
Toxicity to daphnia and other aquatic invertebrates	Immobilization EC50 - Daphnia magna (Water flea) - 6 mg/l - 48 h Remarks: (ECOTOX Database)
Toxicity to algae	EC50 - Chlorella vulgaris (Fresh water algae) - 245.00 mg/l - 24 h Remarks: (ECOTOX Database)
	EC50 - Pseudokirchneriella subcapitata (green algae) - 10.00 mg/l - 24 h Remarks: (ECOTOX Database)

12.2 Persistence and degradability

Biodegradability	aerobic - Exposure time 20 d Result: 86 % - Readily biodegradable. Remarks: (IUCLID)

12.3 Bioaccumulative potential

Bioaccumulation	Leuciscus idus (Golden orfe) - 3 d - 0.05 mg/l(Toluene)

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Bioconcentration factor (BCF): 90

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life.
No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product
Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging
Dispose of as unused product.

SECTION 14: Transport information

DOT (US)
UN number: 1294 Class: 3 Packing group: II
Proper shipping name: Toluene
Reportable Quantity (RQ): 1000 lbs
Poison Inhalation Hazard: No

IMDG
UN number: 1294 Class: 3 Packing group: II EMS-No: F-E, S-D
Proper shipping name: TOLUENE

IATA
UN number: 1294 Class: 3 Packing group: II
Proper shipping name: Toluene

SECTION 15: Regulatory information

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
The following components are subject to reporting levels established by SARA Title III, Section 313:

CAS-No. Revision Date

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

Toluene	108-88-3	2007-07-01

SARA 311/312 Hazards
Fire Hazard, Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Toluene	108-88-3	2007-07-01

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Toluene	108-88-3	2007-07-01

California Prop. 65 Components

, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.Toluene	CAS-No. 108-88-3	Revision Date 2009-02-01

SECTION 16: Other information

Further information

Copyright 2018 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact mlsbranding@sial.com.

Version: 6.3 Revision Date: 03/06/2019 Print Date: 06/22/2019

The life science business of Merck KGaA, Darmstadt, Germany
operates as MilliporeSigma in the US and Canada

SAFETY DATA SHEET

Version 4.10
Revision Date 01/04/2018
Print Date 06/28/2019

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Trichloroethylene

Product Number : 251402
Brand : Sigma-Aldrich
Index-No. : 602-027-00-9

CAS-No. : 79-01-6

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich
3050 Spruce Street
SAINT LOUIS MO 63103
USA

Telephone : +1 800-325-5832
Fax : +1 800-325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319
Germ cell mutagenicity (Category 2), H341
Carcinogenicity (Category 1B), H350
Specific target organ toxicity - single exposure (Category 3), Central nervous system, H336
Acute aquatic toxicity (Category 3), H402
Chronic aquatic toxicity (Category 3), H412

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statement(s)	
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear eye protection/ face protection.
P280	Wear protective gloves.
P281	Use personal protective equipment as required.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 + P312	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/ attention.
P362	Take off contaminated clothing and wash before reuse.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms	:	TCE Trichloroethene
Formula	:	C_2HCl_3
Molecular weight	:	131.39 g/mol
CAS-No.	:	79-01-6
EC-No.	:	201-167-4
Index-No.	:	602-027-00-9

Hazardous components

Component	Classification	Concentration
Trichloroethylene		
	Skin Irrit. 2; Eye Irrit. 2A; Muta. 2; Carc. 1B; STOT SE 3; Aquatic Acute 3; Aquatic Chronic 3; H315, H319, H336, H341, H350, H412	90 - 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
No data available

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Light sensitive. Handle and store under inert gas.
Storage class (TRGS 510): 6.1D: Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
Trichloroethylene	79-01-6	TWA	10.000000 ppm	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Central Nervous System impairment cognitive decrement Renal toxicity Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Suspected human carcinogen		
		STEL	25.000000 ppm	USA. ACGIH Threshold Limit Values (TLV)
		Central Nervous System impairment cognitive decrement Renal toxicity Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Suspected human carcinogen		
		Potential Occupational Carcinogen See Appendix C See Appendix A		
		See Table Z-2		
		TWA	100.000000 ppm	USA. Occupational Exposure Limits (OSHA) - Table Z-2
		Z37.19-1967		
		CEIL	200.000000 ppm	USA. Occupational Exposure Limits (OSHA) - Table Z-2
		Z37.19-1967		
		Peak	300.000000 ppm	USA. Occupational Exposure Limits (OSHA) - Table Z-2
		Z37.19-1967		
		TWA	100 ppm	USA. Occupational Exposure Limits (OSHA) - Table Z-2
		Z37.19-1967		
		CEIL	200 ppm	USA. Occupational Exposure Limits (OSHA) - Table Z-2
		Z37.19-1967		
		Peak	300 ppm	USA. Occupational Exposure Limits (OSHA) - Table Z-2
		Z37.19-1967		

		STEL	100 ppm 537 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
		C	300 ppm	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
		PEL	25 ppm 135 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)

Biological occupational exposure limits

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
	-	Trichloroacetic acid	15.0000 mg/l	Urine	ACGIH - Biological Exposure Indices (BEI)
	Remarks	End of shift at end of workweek			
		Trichloroethanol	0.5000 mg/l	In blood	ACGIH - Biological Exposure Indices (BEI)
		End of shift at end of workweek			
		Trichloroethylene		In blood	ACGIH - Biological Exposure Indices (BEI)
		End of shift at end of workweek			
		Trichloroethylene		In end-exhaled air	ACGIH - Biological Exposure Indices (BEI)
		End of shift at end of workweek			

8.2 Exposure controls

Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection
Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Fluorinated rubber
Minimum layer thickness: 0.7 mm
Break through time: 480 min
Material tested:Vitoject® (KCL 890 / Aldrich Z677698, Size M)

Splash contact
Material: Fluorinated rubber
Minimum layer thickness: 0.7 mm
Break through time: 480 min
Material tested:Vitoject® (KCL 890 / Aldrich Z677698, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection
Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: liquid, clear Colour: colourless
b)	Odour	No data available
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: -84.8 °C (-120.6 °F) - lit.
f)	Initial boiling point and boiling range	86.7 °C (188.1 °F) - lit.
g)	Flash point	No data available
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	Upper explosion limit: 10.5 %(V) Lower explosion limit: 8 %(V)
k)	Vapour pressure	81.3 hPa (61.0 mmHg) at 20.0 °C (68.0 °F)
l)	Vapour density	No data available
m)	Relative density	1.463 g/mL at 25 °C (77 °F)
n)	Water solubility	No data available
o)	Partition coefficient: n-octanol/water	log Pow: 2.29log Pow: 5
p)	Auto-ignition temperature	410.0 °C (770.0 °F)
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
Oxidizing agents, Strong bases, Magnesium

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen chloride gas
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - Rat - 4,920 mg/kg

LC50 Inhalation - Mouse - 4 h - 8450 ppm

LD50 Dermal - Rabbit - > 20,000 mg/kg

No data available

Skin corrosion/irritation
Skin - Rabbit
Result: Severe skin irritation - 24 h

Serious eye damage/eye irritation
Eyes - Rabbit
Result: Eye irritation - 24 h

Respiratory or skin sensitisation
No data available

Germ cell mutagenicity
Laboratory experiments have shown mutagenic effects.
In vitro tests showed mutagenic effects

Carcinogenicity

This product is or contains a component that has been reported to be probably carcinogenic based on its IARC, OSHA, ACGIH, NTP, or EPA classification.

Possible human carcinogen

IARC:	1 - Group 1: Carcinogenic to humans (Trichloroethylene)
NTP:	RAHC - Reasonably anticipated to be a human carcinogen (Trichloroethylene)
OSHA:	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity
No data available

No data available

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

Additional Information
RTECS: KX4550000

burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting, Exposure to and/or consumption of alcohol may increase toxic effects., Gastrointestinal disturbance, Kidney injury may occur., narcosis
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish	LC50 - Pimephales promelas (fathead minnow) - 41 mg/l - 96.0 h
	LOEC - other fish - 11 mg/l - 10.0 d
	NOEC - Oryzias latipes - 40 mg/l - 10.0 d
Toxicity to daphnia and other aquatic invertebrates	EC50 - Daphnia magna (Water flea) - 18.00 mg/l - 48 h
Toxicity to algae	IC50 - Pseudokirchneriella subcapitata (green algae) - 175.00 mg/l - 96 h

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
Does not bioaccumulate.

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life with long lasting effects.

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
UN number: 1710 Class: 6.1 Packing group: III
Proper shipping name: Trichloroethylene
Reportable Quantity (RQ): 100 lbs
Poison Inhalation Hazard: No

IMDG
UN number: 1710 Class: 6.1 Packing group: III EMS-No: F-A, S-A
Proper shipping name: TRICHLOROETHYLENE

IATA
UN number: 1710 Class: 6.1 Packing group: III

Proper shipping name: Trichloroethylene

15. REGULATORY INFORMATION

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
The following components are subject to reporting levels established by SARA Title III, Section 313:

	CAS-No.	Revision Date
Trichloroethylene	79-01-6	2007-07-01

SARA 311/312 Hazards
Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Trichloroethylene	79-01-6	2007-07-01

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Trichloroethylene	79-01-6	2007-07-01

New Jersey Right To Know Components

	CAS-No.	Revision Date
Trichloroethylene	79-01-6	2007-07-01

California Prop. 65 Components

	CAS-No.	Revision Date
WARNING! This product contains a chemical known to the State of California to cause cancer. Trichloroethylene	79-01-6	2011-09-01
WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. Trichloroethylene	79-01-6	2011-09-01

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Aquatic Acute	Acute aquatic toxicity
Aquatic Chronic	Chronic aquatic toxicity
Carc.	Carcinogenicity
Eye Irrit.	Eye irritation
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H402	Harmful to aquatic life.

HMIS Rating

Health hazard:	2
Chronic Health Hazard:	*
Flammability:	0
Physical Hazard	0

NFPA Rating

Health hazard:	2
Fire Hazard:	0
Reactivity Hazard:	0

Further information

Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information

Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956

Version: 4.10 Revision Date: 01/04/2018 Print Date: 06/28/2019

SAFETY DATA SHEET

Version 5.10
Revision Date 08/06/2018
Print Date 06/28/2019

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Xylenes

Product Number : 214736
Brand : Aldrich
Index-No. : 601-022-00-9

CAS-No. : 1330-20-7

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich
3050 Spruce Street
SAINT LOUIS MO 63103
USA

Telephone : +1 800-325-5832
Fax : +1 800-325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Flammable liquids (Category 3), H226
Acute toxicity, Inhalation (Category 4), H332
Skin irritation (Category 2), H315
Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335
Specific target organ toxicity - repeated exposure, Inhalation (Category 2), Central nervous system, Liver, Kidney, H373
Aspiration hazard (Category 1), H304
Acute aquatic toxicity (Category 2), H401

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs (Central nervous system, Liver, Kidney) through prolonged or repeated exposure if inhaled.
H401	Toxic to aquatic life.

Precautionary statement(s)	
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash skin thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/ eye protection/ face protection.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P312	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
P314	Get medical advice/ attention if you feel unwell.
P331	Do NOT induce vomiting.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P362	Take off contaminated clothing and wash before reuse.
P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Synonyms	:	Xylene mixture of isomers
Formula	:	C_8H_{10}
Molecular weight	:	106.17 g/mol
CAS-No.	:	1330-20-7
EC-No.	:	215-535-7
Index-No.	:	601-022-00-9
Registration number	:	01-2119488216-32-XXXX

Hazardous components

Component	Classification	Concentration
Xylene		
	Flam. Liq. 3; Acute Tox. 4; Skin Irrit. 2; STOT SE 3; STOT RE 2; Asp. Tox. 1; Aquatic Acute 2; H226, H304, H315, H332, H335, H373, H401	90 - 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
No data available

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Keep away from sources of ignition - No smoking.Take measures to prevent the build up of electrostatic charge.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Storage class (TRGS 510): 3: Flammable liquids

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
Xylene	1330-20-7	STEL	150 ppm 655 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
		C	300 ppm	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
		PEL	100 ppm 435 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
		TWA	100 ppm 435 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
	Remarks	The value in mg/m3 is approximate.		
		TWA	100 ppm	USA. ACGIH Threshold Limit Values (TLV)
		Central Nervous System impairment Upper Respiratory Tract irritation Eye irritation Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Not classifiable as a human carcinogen		
		STEL	150 ppm	USA. ACGIH Threshold Limit Values (TLV)
		Central Nervous System impairment Upper Respiratory Tract irritation Eye irritation Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Not classifiable as a human carcinogen		

Biological occupational exposure limits

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
	-	Methylhippuric acids	1.5g/g creatinine	Urine	ACGIH - Biological Exposure Indices (BEI)
	Remarks	End of shift (As soon as possible after exposure ceases)			

8.2 Exposure controls

Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection
Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact
Material: Fluorinated rubber

Minimum layer thickness: 0.7 mm
Break through time: 480 min
Material tested:Vitoject® (KCL 890 / Aldrich Z677698, Size M)

Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.4 mm
Break through time: 35 min
Material tested:Camatril® (KCL 730 / Aldrich Z677442, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection
Complete suit protecting against chemicals, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: clear, liquid Colour: colourless
b)	Odour	No data available
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	< 0 °C (< 32 °F)
f)	Initial boiling point and boiling range	137 - 140 °C (279 - 284 °F) - lit.
g)	Flash point	25 °C (77 °F) - closed cup
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	Upper explosion limit: 7 %(V) Lower explosion limit: 1.1 %(V)
k)	Vapour pressure	24 hPa (18 mmHg) at 37.70 °C (99.86 °F)
l)	Vapour density	3.67 - (Air = 1.0)
m)	Relative density	0.86 g/mL at 25 °C (77 °F)
n)	Water solubility	No data available
o)	Partition coefficient: n-octanol/water	No data available
p)	Auto-ignition	No data available

	temperature	
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information

Relative vapour density	3.67 - (Air = 1.0)

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
Vapours may form explosive mixture with air.

10.4 Conditions to avoid
Heat, flames and sparks.

10.5 Incompatible materials
Strong oxidizing agents

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
LD50 Oral - Rat - male - 3,523 mg/kg
Remarks: (ECHA)

Skin corrosion/irritation
Skin - Rabbit
Result: Irritations
Remarks: (IUCLID)

Drying-out effect resulting in rough and chapped skin. After long-term exposure to the chemical: Dermatitis

Serious eye damage/eye irritation
Respiratory or skin sensitisation
In animal experiments: - Mouse
Result: Does not cause skin sensitisation.
(OECD Test Guideline 429)

Germ cell mutagenicity
Mutagenicity (mammal cell test): chromosome aberration.
Result: negative
(National Toxicology Program)

Ames test
Salmonella typhimurium
Result: negative

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity

Specific target organ toxicity - single exposure
May cause respiratory irritation. - Respiratory system
Acute oral toxicity - Gastrointestinal disturbance
Acute inhalation toxicity - mucosal irritations, Cough, Shortness of breath, Possible damages:, damage of respiratory tract, Inhalation may lead to the formation of oedemas in the respiratory tract.

Specific target organ toxicity - repeated exposure
May cause damage to organs through prolonged or repeated exposure. - Central nervous system, Liver, Kidney

Aspiration hazard
Aspiration hazard, Aspiration may cause pulmonary oedema and pneumonitis.

Additional Information
RTECS: Not available

Blurred vision, Incoordination., Headache, Nausea, Vomiting, Dizziness, Weakness, anemia, Prolonged or repeated exposure to skin causes defatting and dermatitis.
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

After absorption:
Systemic effects:
Headache, somnolence, Dizziness, euphoria, agitation, spasms, respiratory paralysis, Unconsciousness, narcosis, inebriation
Effect potentiated by: ethanol
Other dangerous properties can not be excluded.
Handle in accordance with good industrial hygiene and safety practice.

Stomach - Irregularities - Based on Human Evidence
Stomach - Irregularities - Based on Human Evidence

12. ECOLOGICAL INFORMATION

12.1 Toxicity

12.2 Persistence and degradability

12.3 Bioaccumulative potential

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Contact a licensed professional waste disposal service to dispose of this material. Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)

UN number: 1307 Class: 3 Packing group: III
Proper shipping name: Xylenes
Reportable Quantity (RQ): 100 lbs
Poison Inhalation Hazard: No

IMDG
UN number: 1307 Class: 3 Packing group: III EMS-No: F-E, S-D
Proper shipping name: XYLENES

IATA
UN number: 1307 Class: 3 Packing group: III
Proper shipping name: Xylenes

15. REGULATORY INFORMATION

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
The following components are subject to reporting levels established by SARA Title III, Section 313:

	CAS-No.	Revision Date
Xylene	1330-20-7	1993-04-24

SARA 311/312 Hazards
Fire Hazard, Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Xylene	1330-20-7	1993-04-24

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Xylene	1330-20-7	1993-04-24

New Jersey Right To Know Components

	CAS-No.	Revision Date
Xylene	1330-20-7	1993-04-24

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity
Asp. Tox.	Aspiration hazard
Flam. Liq.	Flammable liquids
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs (/$/*_2ORG_REP_INH/$/) through prolonged or repeated exposure if inhaled.
H401	Toxic to aquatic life.
Skin Irrit.	Skin irritation

Further information
Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the

product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information
Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956

Version: 5.10 Revision Date: 08/06/2018 Print Date: 06/28/2019

SAFETY DATA SHEET

Version 6.0
Revision Date 05/28/2017
Print Date 06/28/2019

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Zinc

Product Number : 324930
Brand : Aldrich
Index-No. : 030-001-00-1

CAS-No. : 7440-66-6

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet

Company : Sigma-Aldrich Inc.
3050 Spruce Street
ST. LOUIS MO 63103
UNITED STATES

Telephone : +1 314 771-5765
Fax : +1 800 325-5052

1.4 Emergency telephone number

Emergency Phone # : +1-703-527-3887

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Pyrophoric solids (Category 1), H250
Self-heating substances and mixtures (Category 1), H251
Substances and mixtures, which in contact with water, emit flammable gases (Category 1), H260
Acute aquatic toxicity (Category 1), H400
Chronic aquatic toxicity (Category 1), H410

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)
H250 Catches fire spontaneously if exposed to air.
H251 Self-heating: may catch fire.
H260 In contact with water releases flammable gases which may ignite spontaneously.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P222	Do not allow contact with air.
P223	Do not allow contact with water.
P231 + P232	Handle under inert gas. Protect from moisture.
P235 + P410	Keep cool. Protect from sunlight.
P273	Avoid release to the environment.
P280	Wear protective gloves/ eye protection/ face protection.
P335 + P334	Brush off loose particles from skin. Immerse in cool water/ wrap in wet bandages.
P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P391	Collect spillage.
P402 + P404	Store in a dry place. Store in a closed container.
P407	Maintain air gap between stacks/ pallets.
P413	Store bulk masses greater than .? kg/ .? lbs at temperatures not exceeding .? °C/ .? °F.
P420	Store away from other materials.
P422	Store contents under inert gas.
P501	Dispose of contents/ container to an approved waste disposal plant.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Combustible dust

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Formula	:	Zn
Molecular weight	:	65.39 g/mol
CAS-No.	:	7440-66-6
EC-No.	:	231-175-3
Index-No.	:	030-001-00-1

Hazardous components

Component	Classification	Concentration
Zinc powder (pyrophoric)		
	Pyr. Sol. 1; Self-heat. 1; Water-react. 1; Aquatic Acute 1; Aquatic Chronic 1; H250, H251, H260, H410	<= 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Dry powder

5.2 Special hazards arising from the substance or mixture
Zinc/zinc oxides

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
For personal protection see section 8.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Do not flush with water. Keep in suitable, closed containers for disposal. Contain spillage, pick up with an electrically protected vacuum cleaner or by wet-brushing and transfer to a container for disposal according to local regulations (see section 13).

6.4 Reference to other sections
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Further processing of solid materials may result in the formation of combu formation should be taken into consideration before additional processing
Provide appropriate exhaust ventilation at places where dust is formed.Keep away from sources of ignition - No smoking.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.
Never allow product to get in contact with water during storage.

Keep in a dry place.

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
Components with workplace control parameters
Contains no substances with occupational exposure limit values.
Hazardous components without workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Protective gloves against thermal risks

Full contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industria situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection

Flame retardant protective clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use (EN 143) respirator cartridges as a backup to engineering controls. If th full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: powder Colour: grey
b)	Odour	No data available
c)	Odour Threshold	No data available
d)	pH	No data available
e)	Melting point/freezing point	Melting point/range: 420 °C (788 °F) - lit.
f)	Initial boiling point and boiling range	907 °C (1665 °F) - lit.
g)	Flash point	()No data available
h)	Evaporation rate	No data available

i)	Flammability (solid, gas)	May form combustible dust concentrations in air.
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	1 hPa at 487 °C (909 °F)
l)	Vapour density	No data available
m)	Relative density	7.133 g/mL at 25 °C (77 °F)
n)	Water solubility	No data available
o)	Partition coefficient: n-octanol/water	log Pow: 5
p)	Auto-ignition temperature	The substance or mixture is classified as self heating with the category 1., The substance or mixture is pyrophoric with the category 1.
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2 Other safety information
No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
Reacts violently with water.

10.4 Conditions to avoid
Exposure to moisture

10.5 Incompatible materials
Strong acids and oxidizing agents

10.6 Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Zinc/zinc oxides
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
No data availableZinc powder (pyrophoric)
Inhalation: No data available(Zinc powder (pyrophoric))
Dermal: No data available(Zinc powder (pyrophoric))
No data available(Zinc powder (pyrophoric))

Skin corrosion/irritation
No data available(Zinc powder (pyrophoric))

Serious eye damage/eye irritation
No data available(Zinc powder (pyrophoric))

Respiratory or skin sensitisation
Did not cause sensitisation on laboratory animals.(Zinc powder (pyrophoric))

Germ cell mutagenicity

No data available(Zinc powder (pyrophoric))

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity
No data available(Zinc powder (pyrophoric))

No data available(Zinc powder (pyrophoric))

Specific target organ toxicity - single exposure
No data available(Zinc powder (pyrophoric))

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available(Zinc powder (pyrophoric))

Additional Information
RTECS: ZG8600000

chills, dry throat, sweet taste, Fever, Cough, Nausea, Vomiting, Weakness(Zinc powder (pyrophoric))
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.(Zinc powder (pyrophoric))

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish	LC50 - Cyprinus carpio (Carp) - 450.0 µg/l - 96.0 h(Zinc powder (pyrophoric))
Toxicity to daphnia and other aquatic invertebrates	LC50 - Daphnia magna (Water flea) - 0.068 mg/l - 48 h(Zinc powder (pyrophoric))
	mortality NOEC - Daphnia (water flea) - 0.101 - 0.14 mg/l - 7 d(Zinc powder (pyrophoric))

12.2 Persistence and degradability

12.3 Bioaccumulative potential

Bioaccumulation	Algae - 7 d at 16 °C - 5 µg/l(Zinc powder (pyrophoric))
	Bioconcentration factor (BCF): 466

12.4 Mobility in soil
No data available(Zinc powder (pyrophoric))

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Burn in a chemical incinerator equipped with an afterburner and scrubber b highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)

UN number: 1436 Class: 4.3 (4.2) Packing group: II
Proper shipping name: Zinc powder
Reportable Quantity (RQ) : 1000 lbs

Poison Inhalation Hazard: No

IMDG

UN number: 1436 Class: 4.3 (4.2) Packing group: II EMS-No: F-G, S-O
Proper shipping name: ZINC POWDER
Marine pollutant : yes

IATA

UN number: 1436 Class: 4.3 (4.2) Packing group: II
Proper shipping name: Zinc powder

15. REGULATORY INFORMATION

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

	CAS-No.	Revision Date
Zinc powder (pyrophoric)	7440-66-6	1993-04-24

SARA 311/312 Hazards

Reactivity Hazard

Massachusetts Right To Know Components

	CAS-No.	Revision Date
Zinc powder (pyrophoric)	7440-66-6	1993-04-24

Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Zinc powder (pyrophoric)	7440-66-6	1993-04-24

New Jersey Right To Know Components

	CAS-No.	Revision Date
Zinc powder (pyrophoric)	7440-66-6	1993-04-24

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H250	Catches fire spontaneously if exposed to air.
H251	Self-heating: may catch fire.
H260	In contact with water releases flammable gases which may ignite spontaneously.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

HMIS Rating

Health hazard:	0
Chronic Health Hazard:	
Flammability:	3
Physical Hazard	1

NFPA Rating

Health hazard:	0
Fire Hazard:	3
Reactivity Hazard:	1
Special hazard.I:	W

Further information

Copyright 2016 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

Preparation Information

Sigma-Aldrich Corporation
Product Safety – Americas Region
1-800-521-8956
Version: 6.0 Revision Date: 05/28/2017 Print Date: 06/28/2019

Appendix F:

Community Air Monitoring Plan

SESI
CONSULTING ENGINEERS

Geotechnical
Environmental
Site Civil

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

Community Air Monitoring Plan
For

Site Name
418 N Division Street
Peekskill, Westchester County, NY
NYSDEC BCP (TBD)

Prepared for:

418 North Division Street LLC

February 2026

SESI Project No:
13904

Table of Contents

LIST OF ACRONYMS ..... **i**

1.0 INTRODUCTION **1**

2.0 OBJECTIVES **1**

3.0 METHODS **1**

3.1 CONTINUOUS MONITORING 1

3.2 PERIODIC MONITORING 1

4.0 VOC MONITORING, RESPONSE LEVELS, AND ACTIONS **2**

5.0 PARTICULATE MONITORING, RESPONSE LEVELS, AND ACTIONS **2**

6.0 SPECIAL REQUIREMENTS FOR WORK WITHIN 20 FEET OF POTENTIALLY EXPOSED INDIVIDUAL STRUCTURES **3**

LIST OF ACRONYMS

Acronym	Definition
CAMP	Community Air Monitoring Plan
IRM	Interim Remedial Measure
mcg/m^3	micrograms per cubic meter
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PID	Photoionization Detector
PM-10	Less than 10 micrometers
ppm	Parts Per Million
RI	Remedial Investigation
RIWP	Remedial Investigation Work Plan
VOC	Volatile Organic Compound

1.0 INTRODUCTION

This document presents a Community Air Monitoring Plan (CAMP) for the remedial investigation (RI) for the proposed development at 418 N Division Street, Peekskill, New York (the "Site").

The Site, which is the subject of this RIWP, is approximately 1.07-acres. The Site is identified by the Westchester County Clerk as 23.78-1-9, 23.78-1-10, 23.78-1-12, and 23.78-1-11. Portions of the Site have been developed since before 1887 and the Site historically has been used for commercial, industrial, and municipal activities. The Site is located in a mixed-use residential and commercial area and is bounded by residential properties to the north, a grocery store and residential properties to the south, residential properties to the east, and commercial properties (an auto shop and restaurant) to the west

2.0 OBJECTIVES

The objective of the CAMP is to provide a measure of protection for the downwind community from potential airborne contaminant releases that may arise during all ground intrusive activities, and potentially contaminated soil and material handling and staging. In addition, the CAMP is intended to ensure that dust and contaminants are not leaving the work zone**.**

3.0 METHODS

The CAMP will include continuous monitoring for particulate matter (e.g. airborne "dust") and volatile organic compounds (VOCs) during the planned remedial excavation and construction activities. Any CAMP exceedances will be reported to the New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) on the same business day and as soon as possible. Notification of the exceedance will be sent via email along with the reason for the exceedance, the measure(s) taken to address the exceedance, and if the exceedance was resolved.

3.1 CONTINUOUS MONITORING

Continuous monitoring for particulates and VOCs will be conducted during all ground intrusive activities including soil borings, monitoring well installations, and archaeological excavations

3.2 PERIODIC MONITORING

Periodic monitoring for VOCs will be conducted during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. "Periodic" monitoring during sample collection consists of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

4.0 VOC MONITORING, RESPONSE LEVELS, AND ACTIONS

VOCs must be monitored at the downwind perimeter of the immediate work area (i.e. the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions. The monitoring work will be performed using a photoionization detector (PID) equipped with a 10.6 ev lamp. The equipment will be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

- If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.
- If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.
- If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shut down.
- All 15-minute readings must be recorded and be available for State (DEC and DOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

5.0 PARTICULATE MONITORING, RESPONSE LEVELS, AND ACTIONS

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

- If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is

observed leaving the work area, then dust-suppression techniques must be employed. Work may continue with dust-suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

- If, after implementation of dust-suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust-suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

All readings must be recorded and be available for State (NYSDEC and NYSDOH) personnel to review.

6.0 SPECIAL REQUIREMENTS FOR WORK WITHIN 20 FEET OF POTENTIALLY EXPOSED INDIVIDUAL STRUCTURES

When work areas are within 20 feet of potentially exposed populations or occupied structures, the continuous monitoring locations for VOCs and particulates must reflect the nearest potentially exposed individuals and the location of ventilation system intakes for nearby structures. The use of engineering controls such as vapor/dust barriers, temporary negative-pressure enclosures, or special ventilation devices should be considered to prevent exposures related to the work activities and to control dust and odors. Consideration should be given to implementing the planned activities when potentially exposed populations are at a minimum, such as during weekends or evening hours in non-residential settings.

- If total VOC concentrations opposite the walls of occupied structures or next to intake vents exceed one (1) ppm, monitoring should occur within the occupied structure(s). Depending upon the nature of contamination, chemical-specific colorimetric tubes of sufficient sensitivity may be necessary for comparing the exposure point concentrations with appropriate pre-determined response levels (response actions should also be pre-determined). Background readings in the occupied spaces must be taken prior to commencement of the planned work. Any unusual background readings should be discussed with NYSDOH prior to commencement of the work.
- If total particulate concentrations opposite the walls of occupied structures or next to intake vents exceed 150 mcg/m^3, work activities should be suspended until controls are implemented and are successful in reducing the total particulate concentration to 150 mcg/m^3 or less at the monitoring point.
- Depending upon the nature of contamination and remedial activities, other parameters (e.g., explosivity, oxygen, hydrogen sulfide, carbon monoxide) may also need to be

monitored. Response levels and actions should be pre-determined, as necessary, for each site.

Appendix G:

Citizen Participation Plan