Environmental Consulting
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Tuesday, October 15, 2024

Sent Via email: emily.barry@dec.ny.gov
Ms. Emily Barry, Assistant Geologist
Division of Environmental Remediation, Region 3
New York State Department of Environmental Conservation
21 South Putt Corners Road
New Paltz, New York 12561

Sent Via email: cynleegray@aol.com
Ms. Cynthia Gray
Red's Crib, LLC
43 Lafayette Ave,
Suffern, New York 10901
RE: Addendum Remedial Investigation Report
NYSDEC BCP No. C344085- Red's crib, LLC - 43-45 Lafayette Avenue, Suffern, New York

Dear Ms. Barry and Ms. Gray,

Environmental Consulting & Management Services, Inc. (ECMS) is pleased to submit this Addendum Remedial Investigation Report (ARIR), prepared on behalf of Ms. Cynthia Gray of Red's crib, LLC. The subject of this report is the property located at 43-45 Lafayette Avenue in Suffern Village, New York, henceforth referred to as the "Site".

This report encapsulates the areas of investigation as discussed during an on-site meeting with the NYSDEC and Property owner on February 3, 2023. It provides a detailed account of the procedures implemented and the results obtained from this supplemental investigation. The primary objective of this supplemental investigation is to evaluate any residual soil contamination beneath the site's slab. Please note that this investigation does not encompass the evaluation of offsite source areas.

The report has been compiled in accordance with the approved Supplemental Remedial Investigation Workplan. The scope of the work was determined based on ongoing communication with the department during the investigation and in accordance with the approved Workplan requirements.

This ARIR has been prepared in compliance with the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation's (DER-10) Technical Guidance for Site Investigation and Remediation, issued on May 3, 2010.

If you have any questions regarding the information contained in the report, please contact Harry Sudwischer at (203) 241-1030 or via email at harrys@ecmsny.com.

Regards,

Harry Sudwischer,

Electronic Copy Via Email:
Ronald Steinvurzel, Esq. Steinvurzel & Levy Law Group (Ron@Steinlevy.com)
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Addendum Remedial Investigation Report
NYSDEC Site Number: C344085
Site Name: American Two Cleaners
Address: 43-45 Lafayette Avenue
Suffern, Village of Suffern, Rockland County, New York 10901

Date: October 15, 2024

Prepared by:

Harry Sudwischer
Director of Remediation and Spills
Environmental Consulting and Management
Services, Inc. 10 Filmont Drive
New City, New York 10956

Prepared for:
Red's Crib, LLC
43-45 Lafayette Avenue Suffern,
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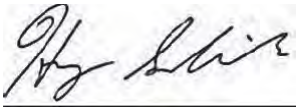
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ADDENDUM REMEDIAL INVESTIGATION REPORT CERTIFICATION

I Harry Sudwischer, certify the following:

- I had primary direct responsibility for implementation of the Supplemental Remedial Investigation Workplan for activities completed at 43-45 Lafayette Avenue in Suffern Village, New York (BCP No. C344085) approved on June 7, 2023, by the NYSDOH and NYSDEC.
- And to the best of my professional knowledge and belief, I meet the definition of Qualified Environmental Professional as defined at 6 NYCRR 375-1.2(ak) and paragraph 1.3(b)49 and I have the specific qualifications needed to prepare this Supplemental Remedial Investigation Report in conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

QEP Name: Harry Sudwischer

QEP Signature:  Date: October 15, 2024

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Addendum Remedial Investigation Report

NYSDEC Site Number:C344085
American Two Cleaners
43-45 Lafayette Avenue, Suffern,
Village of Suffern, Rockland County, New York 10901

Executive Summary

Red's Crib, LLC has enrolled in the New York State Brownfield Cleanup Program (BCP) to investigate and remediate a property located at 43-45 Lafayette Ave, Suffern, New York 10901in the Village of Suffern, Town of Ramapo in Rockland County, New York. A Remedial Investigation (RI) was performed by EnviroSure Inc. (ES) of Marlton, NJ. The Remedial Investigation Report (RIR)was initially submitted in September 2022 with approval after the revision on May 2, 2023.

This Addendum Remedial Investigation Report (ARIR) provides additional information establishing a source of the impacts and attempts to delineate the impacts onsite. It is intended for the establishment of remedial action objectives, the evaluation of interim remedial actions and remedial action alternatives, and the selection of a remedy pursuant to DER-10. Those actions are established in the Remedial Action Work Plan (RAWP) which contains the details of the proposed remedy and is under review. The remedial actions to be implemented at the site will be presented in the Decision Document (DD) and issued by NYSDEC. The supplemental remedial investigation (RI) described in this document is consistent with applicable guidance.

Summary of the Work Performed under this Addendum Remedial Investigation Report.

ECMS performed the following scope of work as part of this Addendum Remedial Investigation Report:

1. Conduct a Site inspection to identify a source.
2. Install eight (8) soil borings across the Site, and collect sixteen (16) CVOC soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed one (1) Permanent groundwater monitoring well and collected four (4) groundwater samples from site monitoring wells and another from the sump pit for chemical analysis to evaluate groundwater quality compared to the target contaminants;
4. Installed three (3) additional borings that were not characterized but PID values were recorded to determine if additional delineation was needed.
5. CAMP air monitoring was performed during intrusive well installation activities(installing Monitoring well. .
6. Provided an Addendum Remedial Investigation Report to the ES RIR.

Summary of Environmental Findings

1. The elevation of the property is approximately 297.5 feet above mean sea level.
2. Depth to groundwater is approximately 25.55 to 27.75 feet below surface at the Site.
3. The inferred direction of groundwater is southwesterly towards the Ramapo River.
4. Depth to refusal in MW-3 is assumed to be bedrock was encountered between 33 to 38 feet at the Site.
5. A bedrock well was attempted but due to large cobble fill under the slab only a 1-inch well could be installed to establish an accurate groundwater flow direction. The augers were seizing on the cobbles due to the limited access rig Geoprobe 6610DT. We were height and width restricted. The air hammer attachment was not able to be advanced because augers could not pass 10 feet. The roads via direct push were able to be advanced to 38 ft.
6. Soil sampling results for the soil samples collected during the Remedial Investigation performed by ECMS in were compared to the New York State Department of Environmental Conservation (NYSDEC) 6NYCRR Part 375 Section 6.8 Unrestricted Use and Commercial Use Soil Cleanup Objectives (SCOs).

- VOCs: in SB-A cis-1,2-Dichloroethene, Methylene chloride, Tetrachloroethene, Trichloroethene, were detected in soil above their applicable unrestricted soil cleanup objectives. SB-B, SB-D and SB- D were all below the unrestricted use SCOs.
- Only Tetrachloroethene also exceeded the Commercial SCOs in the bottom of the former basement sump.

7. Groundwater samples collected were compared to NYSDEC TOGS (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (TOGS 1.1.1).

- VOCs, cis-1,2-Dichloroethene, Tetrachloroethene, Trichloroethene, Vinyl chloride, were detected in the sump groundwater water sample above TOGS 1.1.1. But it is localized due to its proximity to the elevated soil concentrations and the tight silts and clay present in the soil. The Monitoring wells MW-2 and MW-3 are within 10 feet laterally from the sump water sample and groundwater concentrations were below (TOGS 1.1.1). In MW-2 and MW-3 only cis-1,2- Dichloroethene (MW-2 – 1.2 ug/L, MW-3 - <1.0ug/L), Tetrachloroethene (MW-2 – 1.1 ug/L, MW- 3 – 4.4 ug/L) were detected. Trichloroethene and Vinyl chloride were not detected in the monitoring wells.

Conclusion and Recommendations

As part of this Addendum Remedial Investigation, ECMS was able to determine the lateral and horizontal extent of contamination from PCE solvents that were formerly used at the site. The areas that are affected are strictly in the basement surrounding the sump. However, it is important to note that the supplemental and initial investigations did not gather soil, groundwater, or sub-slab vapor data from adjacent or nearby off-site structures. This represents a data gap and an inability to determine if off-site areas have been affected. The groundwater table beneath the site has not been affected due to the tight silt and clay stratigraphy at the site. Only localized soil/perched groundwater, soil vapor, and indoor air have been affected.

The Remedial Action Work Plan (RAWP) contains the details of the proposed remedy and is under review. The remedial actions to be implemented at the site will be presented in the Decision Document (DD) and issued by NYSDEC.

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Addendum Remedial Investigation Report

NYSDEC Site Number: C344085
American Two Cleaners
43-45 Lafayette Avenue, Suffern,
Village of Suffern, Rockland County, New York 10901

1.0 SITE BACKGROUND

ECMS initially evaluated the air quality and sub-slab vapor at the site on August 11, 2020. On September 9, 2020, the NYSDEC spills hotline was called. Then, on September 15, 2020, EnviroSure(ES) conducted confirmatory samples and confirmed ECMS' reporting. Envirosure's report dated January 2021 summarized the September 15, 2020, sampling in a Limited Vapor Intrusion Assessment report. As a result of the report and the site's enrollment in to the NYSDEC Brownfield Cleanup Program (BCP) on April 8, 2021, the NYSDEC Spill No. 2005272 was closed on April 30, 2021. Envirosure completed and obtained approval from the NYSDEC for a Remedial investigation Work Plan dated November 17, 2021. With the approval of the NYSDEC the work plan was conducted starting on January 6, 2022, and was completed on July 8, 2022. Various soil sampling well installation/sampling events and Soil vapor sampling occurred in this time frame. Additionally Concrete chip slab was also analyzed to determine if the building materials were a source of the CVOCs.

Based on the results in the ES Remedial Investigation Report site contamination includes limited CVOCs in soil vapor related to historic site operations. Semi-Volatile Organic Compounds (SVOCs) and metals were also detected in soil and in groundwater but under current conditions, exposure to soil or groundwater is not likely, as the site is completely capped by a building and concrete sidewalk. Potable water for the Village of Suffern will continue to be sourced from the Municipal Utilities Authority. Currently, all cracks in the basement slab have been sealed, the sump has been covered and sealed to limit vapor intrusion to the basement indoor air.

2.0 SITE LOCATION AND CURRENT USAGE

The Site is located at 43 Lafayette Ave, Suffern, New York 10901 and is identified as Section 54.35 Block 2 and Lot 25 on the Tax Map. **Figure 1** shows the Site location. The Site is a 0.09-acre site and is bounded by the intersection of Chestnut Street and Lafayette Avenue to East and North respectively. Mexican Restaurant to the west, and a hair stylist to the south. A map of the site boundary is shown in **Figure 2.** Currently, the Site consists of a first-floor fitness program tenant and a vacant tenant space and basement storage space that was previously used as part of the vacant tenant space formally American Two Cleaners (ATC)a dry-cleaners.

ECMS Submitted a foil request and obtained the following information from the NYSDEC. According to the July 4, 2020, American Two Cleaners (ATC) NYSDEC shutdown form, the dry-cleaning unit was removed on June 19, 2020. The former Equipment was a Crown F-354 which is confirmed to have used PCE solvent. That Dry-cleaning machine has been discontinued. According to Sussex Equipment (a local dry-cleaning equipment repair specialist) Similar Crown machines typically will have three filters (15 gallons each) and two tanks (which can contain as much as 40 gallons each). And to operate the three filters need to be filled. The tank needs to have some in reserve.

According to the final solvent disposal manifest from National Waste Clean Inc. dated June 19, 2020, "40 pounds" of PCE were disposed. That is not consistent with Sussex Equipment description of the equipment. Therefore, the PCE solvents were likely disposed of on the site as part of closure for the dry-cleaners or prior to closure during normal operations.

The disposal of PCE in the basement sump has impacted the soils in and below and laterally around the sump which is Documented in the Addendum Remedial Investigation Report. The historical ownership and dry-cleaning operations

occurred at the Site as early as 1950. The NYSDEC Dry-cleaning shutdown form and Historical solvent disposal manifests from 1989 until 2006 and 2020 are enclosed in **Appendix A Freedom of Information Request Documents.** Of note, Manifests were not enclosed in the FOIL request between 2006 and 2020.

3.0 SUMMARY OF PAST USES OF SITE AND TARGET CONTAMINANTS

According to available town records the site has been a dry cleaner since the 1950's. The original building was replaced by a one-story commercial building in the mid-1960s. The site has remained substantially unchanged through 2023. The Target contaminants identified from the ES RIR Investigations include:

- Tetrachloroethene and its breakdown compounds (trichloroethene and cis-1,2-dichloroethene) with impacts to soil vapor and indoor air. A source was not located based on the ES RIR after groundwater, soil, and vapor/ air sampling.
- Limited concentrations of SVOCs, metals, and PFAS were detected in soil and groundwater, and their origin is unknown based on the historical Site operations. The source is likely historical fill material, and/or an off-site or naturally occurring source. These non-target contaminants may represent an area-wide or regional condition. Migration of these non-target contaminants across the Site may be minimal due to the nature of the contaminants and extensive low-permeable ground cover.
- An identified vapor encroachment condition is present at the site based on the original ECMS testing and confirmed by ES in their confirmation sampling.
- The NYSDEC contracted soil vapor intrusion sampling which was conducted at 41 Lafayette Ave on April 26, 2024. Based on a draft report provided by the NYSDEC offsite soil vapor intrusion is a concern due to the impacts onsite. The site is located directly adjacent to the Northwest and Southwest of the site. That work and results will be summarized and presented by the NYSDEC contractor at a later date.

4.0 SUMMARY OF THE WORK PERFORMED UNDER THIS ADDENDUM REMEDIAL INVESTIGATION REPORT.

ECMS performed the following scope of work as part of this Addendum Remedial Investigation Report:

1. Conduct a Site inspection to identify a source.
2. Install eight (8) soil borings across the Site, and collect sixteen (16) CVOC soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed one (1) Permanent groundwater monitoring well and collected four (4) groundwater samples from site monitoring wells and another from the sump pit for chemical analysis to evaluate groundwater quality compared to the target contaminants;
4. Installed three (3) additional borings that were not characterized but PID values were recorded to determine if additional delineation was needed.
5. CAMP air monitoring was performed during intrusive well installation activities(installing Monitoring well).
6. Provided an Addendum Remedial Investigation Report to the ES RIR.

5.0 SUMMARY OF ENVIRONMENTAL FINDINGS

1. The elevation of the property is approximately 297.5 feet above mean sea level.
2. Depth to groundwater is approximately 25.55 to 27.75 feet below surface at the Site.
3. The inferred direction of groundwater is southwesterly towards the Ramapo River.
4. Depth to refusal in MW-3 is assumed to be bedrock was encountered between 33 to 38 feet at the Site.
5. A bedrock well was attempted but due to large cobble fill under the slab only a 1-inch well could be installed to establish an accurate groundwater flow direction. The augers were seizing on the cobbles due to the limited access rig Geoprobe 6610DT. We were height and width restricted. The air hammer attachment was not able to be advanced because augers could not pass 10 feet. The rods via direct push were able to be advanced to 38 ft.
6. Soil sampling results for the soil samples collected during the Remedial Investigation performed by ECMS in were compared to the New York State Department of Environmental Conservation (NYSDEC) 6NYCRR

Part 375 Section 6.8 Unrestricted Use and Commercial Use Soil Cleanup Objectives (SCOs).

- VOCs: in SB-A cis-1,2-Dichloroethene, Methylene chloride, Tetrachloroethene, Trichloroethene, were detected in soil above their applicable unrestricted soil cleanup objectives. SB-B, SB-D and SB-D were all below the unrestricted use SCOs.
- Only Tetrachloroethene also exceeded the Commercial SCOs in the bottom of the former basement sump.

7. Groundwater samples collected were compared to NYSDEC TOGS (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (TOGS 1.1.1).

- VOCs, cis-1,2-Dichloroethene, Tetrachloroethene, Trichloroethene, and Vinyl chloride were detected in the sump groundwater sample above TOGS 1.1.1. However, this contamination is localized due to its proximity to the elevated soil concentrations and the presence of tight silts and clay in the soil. **Figure 5** illustrates the soil type, depth, and respective locations onsite in a geologic cross-section, highlighting the tight soils beneath the building. These tight silt and clay layers act as a barrier, preventing the PCE from migrating into the groundwater table. Monitoring wells MW-2 and MW-3, located within 10 feet laterally from the sump water sample, showed groundwater concentrations below TOGS 1.1.1. In MW-2 and MW-3, only cis-1,2-Dichloroethene (MW-2 – 1.2 ug/L, MW-3 - <1.0 ug/L) and Tetrachloroethene (MW-2 – 1.1 ug/L, MW-3 – 4.4 ug/L) were detected, while Trichloroethene and Vinyl chloride were not detected in the monitoring wells.

5.1 Departures from the Proposed Supplemental Remedial Investigation Workplan

The plan was adhered to except for two separate factors. A 2-inch bedrock well was not able to be installed as was requested by the NYSDEC. The building constraints did not permit a large enough Geoprobe track mounted drilling rig to advance auger flights through a cobble laden fill material. The cobbles were present in at least two different locations beneath the slab at SB-C/ MW-3. Despite two days of attempts with augers and with the air hammer the cobbles were not passable to advance into bedrock. In place of a bedrock well a direct push 1-inch well was installed to help further establish a groundwater flow direction at the site. The available well materials only had a 0.01-inch slotted screen.

Separately from the well install, during the community air monitoring program the weather station did not record data. None has been provided in this report. As a suitable replacement wind direction was determined using Weather Underground Historical Weather[4]. That way a station could be determined which was up or downwind during real time monitoring at the nearest weather station.

5.2 Previous Investigations

A EnviroSure(ES) completed a remedial Investigation of the site. The ES Remedial Investigation Report(ES RIR) is dated May 2, 2023, it revealed soil vapor and indoor air concerns need to be addressed. It was not able to identify a source. Limited concentrations of SVOCs, metals, and PFAS were detected in soil and groundwater, and their origin is unknown based on the historical Site operations. The ES RIR is included in **Appendix B**.

5.3 Site Inspection

A site inspection was performed on February 3, 2023, by ECMS and the NYSDEC. The inspection identified the areas that need to be investigated due to the suspected source surrounding the former dry-cleaning machine and the sump in the basement. A bed rock well was attempted but could not be installed in the proposed groundwater monitoring well location.

5.4 Areas of Concern

The AOCs were the Basement sump and soils beneath the former dry-cleaning machine.

1. Historical dry-cleaning operations at the Site
2. Soil vapor/ Indoor Air Quality issues established from the ES RIR. As enclosed in **Appendix B.**

6.0 PROJECT MANAGEMENT

6.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this Addendum RIR is Harry Sudwischer.

6.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements.

6.3 Materials Management

All material encountered during the Remedial investigation was managed in accordance with applicable laws and regulations.

7.0 REMEDIAL INVESTIGATION ACTIVITIES

Red's crib, LLC performed the following scope of work:

1. Conduct a Site inspection to identify a source.
2. Install eight (8) soil borings across the Site, and collect sixteen (16) CVOC soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed one (1) permanent groundwater monitoring well and collected four (4) groundwater samples from site monitoring wells and another from the sump pit for chemical analysis to evaluate groundwater quality compared to the target contaminants;
4. Installed three (3) additional borings that were not characterized but PID values were recorded to determine if additional delineation was needed.
5. CAMP air monitoring was performed during intrusive well installation activities(installing Monitoring well).

7.1 Geophysical Investigation

On January 6, 2022, prior to any soil investigation activities, a geophysical survey was conducted on the Site by Enviroprobe Service, Inc. (Enviroprobe) of Mount Laurel, New Jersey in an attempt to identify potential subsurface features and to clear utilities for the advancement of soil borings. The geophysical survey technician used ground penetrating radar (GPR), a TW-6 metal detector, and line tracing equipment in a grid pattern No subsurface anomalies were identified, and nearby utility lines (electric, natural gas, water, sanitary sewer, and unknown utilities) were marked with spray paint by the public mark out for identification. A copy of the Geophysical Survey Report Is enclosed as part of the ES RIR in **Appendix B.**

7.2 Borings and Monitoring Wells Drilling and Soil Logging

The purpose of this study was to investigate the soil and groundwater conditions at the site using soil borings and well installation. ECMS performed the field work on four dates: June 26, June 27, July 24, and July 31, 2023. On June 26 and June 27, 2023, Coastal Environmental Solutions used a Geoprobe 6610 DT Track Rig with 5-foot macro-core soil samplers and acetate liners to advance a soil boring (SB-C) and install a permanent monitoring well (MW-3). During that well install air monitoring readings via a photoionization detector (PID) were recorded continuously on the air monitoring units. The raw data is available on **Appendix C** in accordance with the Community Air Monitoring Plan (CAMP) described in the SRIWP. The CAMP readings were consistently at background levels

throughout the duration of investigation activities. On June 26, 2023, ECMS attempted to install a soil boring (SB-B) inside the building using a hammer drill and a hand auger. Due to the circumstances Costal and ECMS were only able to get 12-inches below grade before the boring was obstructed.

ECMS characterized the soil samples based on their lithology, color, odor, and contamination level. They used a photoionization detector (PID) to measure the organic vapor concentration in the soil, which can detect as low as 0.1 ppm. They decontaminated all the drilling equipment between borings to prevent cross-contamination. They recorded all the field observations and PID readings in the soil boring and well construction logs, which are enclosed in **Appendix D**. A geologic cross-section is also included in **Figure 5**.

The sixteen total soil samples were containerized, placed in a cooler, and transmitted under chain of custody to for laboratory analysis with Phoenix Analytical Laboratories, Inc of Manchester CT (NYSDOH ELAP Certification Number 11301). The soil samples were analyzed for volatile organic compounds (VOCs) in accordance with USEPA Method 8260. All the sampling and monitoring well locations are displayed in **Figure 2**.

The only soil boring that showed signs of contamination was SB-A, which exhibited discoloration, odor, and a PID reading higher than 5,000 ppm at 36 inches below ground surface (bgs) in the sump area. Samples labeled as 'SB-A SUMP' were collected directly from the sump, which is the area of discharge. This is different from samples SB-A #1 and SB-A #2, which were taken from locations surrounding the sump, a few feet away. The other soil borings (SB-B, SB-C, and SB-D) did not show any discoloration, odor, or elevated PID readings. Groundwater was encountered during the investigation, and its characteristics are discussed in the next section.

On July 24, 2023, ECMS returned to the site to collect soil samples from the basement sump (SB-A) using a hand auger and groundwater from the permanent monitoring wells. By this time the perched sewer water had subsided. They discovered that the soils near the sump were contaminated by solvents. They requested the owner to core drill the concrete slab to enable ECMS to characterize, sample, and delineate the sub slab soil impacts.

On July 31, 2023, ECMS conducted additional soil sampling at the basement at SB-B and SB-D using a hand auger, to determine the extent of the contamination from the sump (SB-A). Based on ECMS Supplemental investigation it was discovered that the Site is generally underlain by tight silts and clay roughly 7 to10 ft below surface grade(sidewalk level). **Figure 5** illustrates the soil type, depth, and respective locations onsite in a geologic cross-section, highlighting the tight soils beneath the building. This lithology has prevented the migration of CVOCs from migrating into the water table at the site. It is also the reason why soil vapors and indoor air are a mitigation concern.

7.3 Groundwater Monitoring Well Construction

Between June 26, and June 27, 2023, Coastal Environmental Solutions installed a monitoring well MW-3 at the location indicated in **Figure 2**. Monitoring well SB-C/MW-3 was installed in the southern portion of the Site. The monitoring well was installed utilizing a Geoprobe 6610DT Track Rig. The monitoring wells were developed using a peristaltic pump. The monitoring well consisted of 1-inch PVC riser pipe and was installed from 38 fbgs (from grade of back room.) to approximately 0.25 feet below ground surface. Coastal used installed 15 feet of PVC screen from 23 to 38 feet bgs from grade in the well. The screen was 0.01 slot screen. The anulus around the direct push well was filled with # 2 Morie well sand from U.S. Silica Corp. approximately 1 bag was used. Except for bentonite chips which were installed at approximately 9 to 12 feet. After the chips were hydrated in place.

Monitoring well MW-3 was intended to evaluate if bedrock has been affected by impacts identified at the site since the original monitoring wells MW-1 and MW-2 did not show evidence of impacts. Due to the prevalence of large cobbles in the subsurface the augers could not advance with the relatively small Geoprobe 6610DT Track Rig. More

power is needed but due to the ceiling height another rig would not fit and be able to use the Hammer drill attachment to set a bedrock well.

7.4 Water Level Measurement

On July 24, 2021, a water/oil interface level meter was used to determine the depth to groundwater, which was identified at approximately 26.78 feet bgs in MW-1, 25.55 feet bgs in MW-2, and 27.75 feet bgs in MW-3. Water level data is included in **Table 3**. Including prior survey and Groundwater elevation data. ECMS hired a professional land surveyor, Anthony R. Celentano P.L.S. # 50633 to obtain relative elevations of the top of casing elevations for the monitoring wells at the Site. The **Figure 4** shows the overburden soils groundwater flow direction based on groundwater elevations at the three wells.

7.5 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. Soil and groundwater havebeen sampled and evaluated in the Addendum RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this Addendum RIR provides sufficient basis for evaluation of remedial action alternatives, and selection of a final remedy. The Remedial Action Work Plan (RAWP) contains the details of the proposed remedy and is under review. The remedial actions to be implemented at the site will be presented in the Decision Document (DD) and issued by NYSDEC.

7.6 Soil Sampling

Geoprobe-style drilling equipment was utilized to advance macrocore soil samples from ground surface with a disposable acetate liner. The acetate liner was extracted from the sampler to classify soil stratigraphy. Continuous soil sampling was accomplished by collection of vertical runs of five-foot cylindrical sections of soil. Two samples were collected from SB-C via this method. Soil samples from SB-A, SB-B, SB-D were collected by advancing a hand auger 12-inches at a time in each respective sampling location. When the auger barrel was full it was extracted via hammer into a Ziploc® type bag. Each Ziploc bag was used to classify the soil stratigraphy in the sample location. The Hand auger was advanced to refusal in each boring or where observed impacts appeared to decrease. Following the advancement of the geoprobe rods/liners or hand auger were decontaminated between uses. A mixture of rising water and Alconox between soil boring locations and flights was used to decontaminate sampling equipment.

Each bottleware container contained all required preservatives which were measured by the analytical laboratory, in the appropriate glassware according to the USEPA method 8260. The field personnel measured an aliquot of approximately 5 grams of soil utilizing a disposable terra-core handle for each individual soil sample. The soil interval to be sampled is containerized in laboratory prepared glassware, which was placed in a cooler until refrigeration. Proper chain-of-custody documentation accompanied the soil samplers to Phoenix Analytical Laboratories, Inc.

In total Sixteen soil samples were collected for chemical analysis during this investigation. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, in **Table 1**. **Figure 2** shows the location of samples collected in this investigation. The Laboratory and soil analytical methods are shown below in chemical Analysis. **Appendix E** has each of the complete Phoenix Environmental Laboratories, Inc. Analytical Reports.

7.7 Groundwater Sampling

On July 24, 2023, ECMS collected four groundwater samples from the site from MW-1 through MW-3 plus Ground

water that accumulated in the basement sump. Four groundwater samples were collected. Prior to collecting groundwater samples, the volume of water contained within each monitoring well was calculated using the well diameter and water column height. Whenever possible, a volume of groundwater equivalent to at least three well volumes are purged from each monitoring well using a dedicated disposable polyethylene bailer and/or a mechanical pump with dedicated polyethylene tubing. The water is poured from the bailers and/or tubing directly into laboratory-supplied glassware. The glassware is placed into a cooler and maintained at a temperature of less than 4° Celsius during transport to the laboratory.

All samples were analyzed for VOCs in accordance with USEPA Method 8260, Four groundwater samples were collected for chemical analysis during this RI. Groundwater sample collection data is reported in **Table 2. Figure 3** shows the location of groundwater samples. The well sampling logs are enclosed in **Appendix G**. The Laboratory and groundwater analytical methods are shown below in chemical Analysis.

7.8 Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Harry Sudwischer.
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were York Analytical Laboratories, Inc. (NYSDOH # 10854).
Chemical Analytical Methods	Soil analytical methods: • VOCs by EPA Method 8260C (rev. 2006); Halogenated VOC List Groundwater analytical methods: • VOCs by EPA Method 8260C (rev. 2006); Halogenated VOC List

7.9 Results of Chemical Analyses

Laboratory data for soil and groundwater are summarized in Tables 1 through 2, respectively. Complete Laboratory data deliverables for all samples evaluated in this Addendum RIR are enclosed in **Appendix E.**

8.0 ENVIRONMENTAL EVALUATION

8.1 Stratigraphy

The site is in the County of Rockland, New York. The topography of the site is generally level with a gentle slope to the south towards the Ramapo River. The ground surface in the vicinity of the Site consists of asphalt and concrete pavement and residential, commercial, and mixed-use buildings. The general soil profile at the site consisted of the following layers:

Lithology of Soils Beneath Slab in Back Room of Former Cleaners (SB-C/MW-3)

- 0 to 10 feet bgs: light to dark brown, compacted, fine-grained sands mixed with gravel and cobbles
- 10 to 35 feet bgs: fine-coarse grained sands mixed with fine-coarse gravels and lenses of silt and clay
- 35 to 38 feet bgs: weathered bedrock

Lithology of Soils Beneath Basement Slab (SB-A, SB-B, SB-D).

- 0 to 24 inches bgs beneath the basement concrete slab: fine to coarse-grained sands with some silt, gravel, and urban fill
- 24 to 59 inches bgs: moist, tightly compacted, sorted silts and clay

8.2 Hydrogeology

The site is located approximately 0.3 miles Each of the Ramapo River. The vicinity of the Site is approximately 298 feet above mean sea level. The depth to groundwater at the Site was approximately 27 feet below ground surface during this investigation. Groundwater beneath the Site is expected to flow south-southwest towards the Ramapo River. A table of water level data for all monitor wells is included in **Table 3**. A map of the inferred direction of Groundwater is shown in **Figure 4**.

8.3 Soil Chemistry

The previous remedial investigation conducted by Envirosure in 2021 failed to identify the source of soil vapor and indoor air contamination at the site. The soil samples collected during that investigation were analyzed for a broad range of contaminants and compared to the New York State Department of Environmental Conservation (NYSDEC) 6NYCRR Part 375 Section 6.8 Soil Cleanup Objectives (SCOs). However, none of the soil samples indicated the presence of any compounds that could explain the soil vapor and indoor air issues. Therefore, ECMS proposed and performed an additional remedial investigation in accordance with the approved SRIWP to target specific

compounds of concern, namely Halogenated VOCs also known as Chlorinated VOCs (CVOCs), which are commonly associated with dry cleaning operations. The site had a history of dry-cleaning use and had a potential for soil vapor intrusion through the basement sump and the former dry cleaning machine area. The results of this addendum investigation revealed that CVOCs were detected in the soil samples collected from the sump in the basement. Which indicates that it is the likely source of soil vapor and indoor air concerns.

During June 26-27, 2023, soil boing/bedrock/overburden installation investigation acetate liners were used to collect samples in SB-C (14'-16') and SB-C (35'-38`). In SB-C none of the CVOCs exceeded Unrestricted Use Soil Cleanup objectives(UUSCO). Only tetrachloroethene (PCE) was detected above laboratory method detection limits at 170 ug/Kg. The UUSCO for PCE is 1,300ug/Kg. The boring location SB-C was the only location that was done via a geoprobe. The remainder of sampling locations SB-A, SB-B, and SB-D were done via a hand auger through the basement floor on July 24 and July 31, 2023.

The borings in the former boiler room SB-B were closest to the dry-cleaning machine laterally. But only one of the four samples had a detection. It was SB-B (0'-1'). IN that location only PCE was detected above laboratory method detection limits at 440 ug/Kg below the respective UUSCO. A deeper sample SB-B #5 (32"-38") at the same boring location yielded no detections. The sample location SB-D #4(31"-36") was furthest the sump had a detection of 530 ug/Kg PCE. It was also below the UUSCO of 1,300ug/Kg. In SB-D #3 (40"-45")a detection of Trichlorofluoromethane was
5.7ug/Kg but no UUSCO are available for this compound. In samples SB-B, SB-C, and SB-D no detections exceeded the respective UUSCOs.

The boring location SB-A was the focus of the investigation. In total, eight samples were collected from the sump and the surrounding soils to delineate the depth of dry-cleaning solvents and the extent of their spread from the sump. On July 24, 2023, ECMS advanced a hand auger into the soils, and at three feet before the auger was removed from the borehole, it was evident that solvents were disposed of in the sump. Sample SB-A Sump H (3.0') had a concentration of 1,500,000 ug/Kg PCE, which is well above the UUSCO and Commercial Use Soil Cleanup Objectives.

Due to the high concentration of contaminants in Sample SB-A Sump H, laboratory dilution was necessary. This dilution process increases the laboratory method detection limit, meaning that the lowest concentration level that can be

reliably detected by the laboratory's analytical methods is higher. As a result, certain contaminants, such as cis-1,2-Dichloroethene (C-1,2-DCE) and Trichloroethene (TCE), were not reported above the laboratory method detection limits of 59,000 ug/Kg. In comparison, other samples with lower concentrations of contaminants did not require such dilution, and their detection limits remained lower, allowing for more accurate detection of contaminants at lower levels.

The other samples collected from in and around the sump were more than 1000x less than the source area. For example, SB-A SUMP B (2.5`), in the sump collected 6-inches above SB-A Sump H (3.0') had detections below the respective UUSCOs.

Soil Boring Location	SB-A	SB-A	SB-A	SB-A	SB-A	SB-A	SB-A	SB-A	NYSDEC Part	NYSDEC Part
Collection Date	7/24/2023	7/24/2023	7/24/2023	7/24/2023	7/31/2023	7/31/2023	7/31/2023	7/31/2023	375	375
Sample Identification	SUMP W (1`)	SUMP B (2.5`)	SUMP H (3.0`)	SUMP B (4.0`)	#1 (26``-32``)	#1 (42``-59``)	#2 (31``-36``)	#2 (39``-43``)	Unrestricted	Commercial
PID Headspace Reading	NR	NR	>5,000 ppm	65 ppm	17.2 ppm	169 ppm	5.1 ppm	9.8 ppm	Soil Cleanup	Soil Cleanup
	Results								Objectives	Objectives
Halogenated Volatiles By SW8260C; ug/Kg										
cis-1,2-Dichloroethene	550	74	< 59000	190	22	270	15	18	250	150,000
Tetrachloroethene	3,400	1,100	1,500,000	12,000	3,600	5,900	300	470	1,300	150,000
Trichloroethene	6.4	9.3	< 59000	12	5.9	12	9.9	22	470	200,000
Trichlorofluoromethane	< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9		

Soil Boring Location	SB-B	SB-B	SB-B	SB-B	SB-C	SB-C	SB-D	SB-D	NYSDEC Part	NYSDEC Part
Collection Date	6/26/2023	7/31/2023	7/31/2023	7/31/2023	6/27/2023	6/27/2023	7/31/2023	7/31/2023	375	375
Sample Identification	SB-B (0-1`)	#5 (32``-38``)	#6 (30``-35``)	#7 (36``-41``)	SB-C (14-16`)	SB-C (35-38`)	#3 (40``-45``)	#4 (31``-36``)	Unrestricted	Commercial
PID Headspace Reading	10 ppm	2.8 ppm	1.7 ppm	2 ppm	NR	NR	4.1 ppm	26.8ppm	Soil Cleanup	Soil Cleanup
	Results								Objectives	Objectives
Halogenated Volatiles By SW8260C; ug/Kg										
cis-1,2-Dichloroethene	< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6	250	150,000
Tetrachloroethene	440	< 4.6	< 4.3	< 4.8	170	< 4.1	< 4.3	530	1,300	150,000
Trichloroethene	< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6	470	200,000
Trichlorofluoromethane	< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	5.7	< 4.6		

Notes

Result Detected	{Value}
Result Exceeds Unrestricted Criteria	{Value}
Result Exceeds Commercial Criteria	{Value}
Laboratory Lower Detection Limit	< {Value}

NYSDOH Soil Vapor Matrices Compounds

Matrix A Compounds - carbon tetrachloride 1,1-dichloroethene cis-1,2-dichloroethene trichloroethene
Matrix B Compounds - methylene chloride tetrachloroethene 1,1,1-trichloroethane
Matrix C Compounds - vinyl chloride

Data collected during the ES RIR and this addendum are sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. They are very localized to the sump and boring # 1. The contaminants have not reached groundwater in MW-2 or MW-3 despite being down gradient and within 10 feet of the sump. That and due to the tight and clay/ silt soil stratigraphy the solvents remain trapped in soils surrounding the sump. **Figure 5** illustrates the soil type, depth, and respective locations onsite in a geologic cross-section, highlighting the tight soils beneath the building. A summary table of data for chemical analyses performed on soil samples is included in **Table 1** and the data and sample locations are displayed in **Figure 2.**

8.4 Groundwater Chemistry

Groundwater samples collected were compared to NYSDEC 6NYCRR Part 703.5 Groundwater Quality Standards (GQS) and NYSDEC TOGS (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Laboratory results from the three groundwater wells and the sump showed the following detections above their GQS.

ECMS, Inc.	Monitoring Well Samples			Groundwater Grab Sample	NYSDEC TOGS (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations
Collection Date	7/24/2023	7/24/2023	7/24/2023	7/24/2023	
Sample Identification	MW-1	MW-2	MW-3	SUMP	
Halogenated Volatiles By SW8260C					
cis-1,2-Dichloroethene	< 1.0	1.2	< 1.0	4,800	5
Tetrachloroethene	< 1.0	1.1	4.4	110	5
Trichloroethene	< 1.0	< 1.0	< 1.0	86	5
Vinyl chloride	< 1.0	< 1.0	< 1.0	560	2

Notes:
Result Detected
Result Exceeds Regulatory Criteria

- Sump Grab sample had a detection of four CVOCs above the GQS and out of the forty compounds reported thirty-eight 38 had method detection limits above their respective GQS. Due to the dilution for C-1,2-DCE it elevated the method detection limits for the rest of the analytes in the run.

Data collected during this Addendum RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in **Table 2**

Exceedances of applicable groundwater standards are shown. **Figure 3** shows the location and displays the values for groundwater that were detected and exceed the respective GQS. A map of the inferred direction of groundwater is shown in **Figure 4**.

8.5 Prior Activity

Based on an evaluation of the data and information from the ES RIR, and the data presented herein this addendum RIR disposal of significant amounts of hazardous waste is not suspected at this site. However, there is a notable discrepancy between the quantity of solvents the former Dry-cleaning machine "Crown F-354" needed to operate and how much was disposed when the machine was shut down. It is also notable that based on the concentrations detected in soil beneath the sump it is a suspected source area where dumping occurred. And since it has not spread down to the groundwater table it was likely a recent disposal.

9.0 IMPEDIMENTS TO REMEDIAL ACTION

There are no known obstacles to remedial action at this property. ECMS has included a copy of the Draft Remedial Action Work Plan (RAWP) in **Appendix F**. The Remedial Action Work Plan (RAWP) contains the details of the proposed remedy and is under review. The remedial actions to be implemented at the site will be presented in the Decision Document (DD) and issued by NYSDEC.

10.0 CONCLUSIONS AND RECOMENDATIONS

As part of this Addendum Remedial Investigation, ECMS was able to determine the lateral and horizontal extent of contamination from PCE solvents that were formerly used at the site. The areas that are affected are strictly in the basement surrounding the sump. However, it is important to note that the supplemental and initial investigations did not gather soil, groundwater, or sub-slab vapor data from adjacent or nearby off-site structures. This represents a data gap and an inability to determine if off-site areas have been affected. The groundwater table beneath the site has not been affected due to the tight silt and clay stratigraphy at the site. Only localized soil/perched groundwater,

soil vapor, and indoor air have been affected.

The Remedial Action Work Plan (RAWP) contains the details of the proposed remedy and is under review. The remedial actions to be implemented at the site will be presented in the Decision Document (DD) and issued by NYSDEC.

11.0 REFERENCES

New York State Department of Environmental Conservation. Division of Environmental Remediation. "6 NYCRR PART 375 Environmental Remediation Programs Subparts 375-1 to 375- 4 & 375-6", dated December 2006.

2. United States Department of Health and Human Services. Centers for Disease Control and Prevention. The National Institute for Occupational Safety and Health, "NIOSH Pocket Guide to Chemical Hazards", http://www.cdc.gov/niosh/npg/npg.html, September 2007.
3. New York State Department of Environmental Conservation, Division of Environmental Remediation, DER-10 Technical Guidance for Site Investigation and Remediation, dated May 3, 2010.
4. Weather Underground History, Teterboro Airport Station for 6/26/23 and 6/27/23 https://www.wunderground.com/history/daily/us/nj/moonachie/KTEB/date/2023-6-27and https://www.wunderground.com/history/daily/us/nj/moonachie/KTEB/date/2023-6-26

12.0 LIMITATIONS

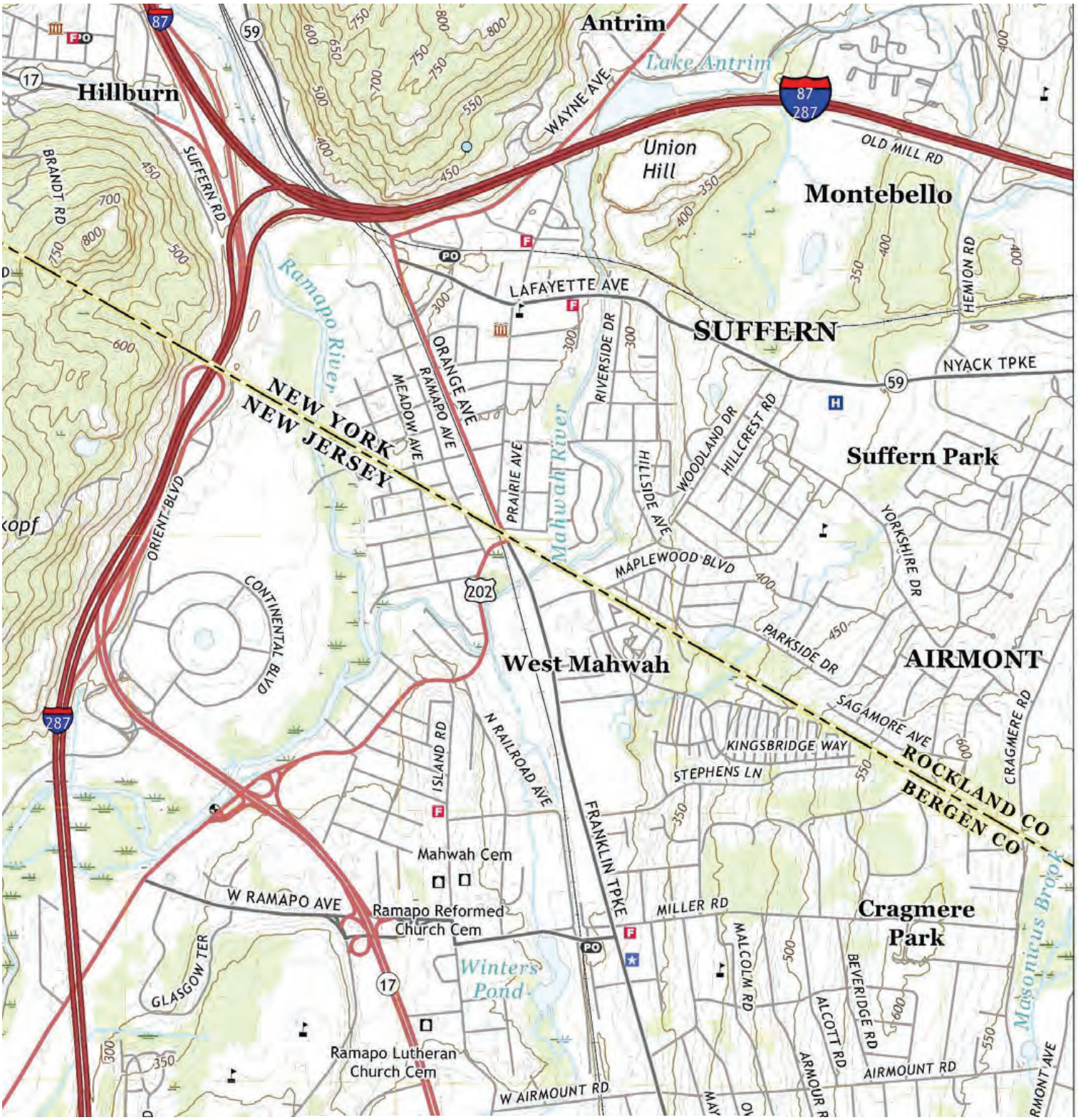
The recommendations contained in this report represent ECMS's professional opinions based upon currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The contract between ECMS and its client outlines the scope of work and only those tasks specifically authorized by that contract or outlined in this report were performed. This report and attachments are intended only for the use of ECMS's client and anyone else specifically listed in this letter. ECMS will not and cannot be liable for unauthorized reliance by any other party. Other than as contained in this paragraph, ECMS makes no express or implied warranty as to the contents of this report.

ATTACHMENTS



FIGURES





SOURCE: RAMSEY QUADRANGLE,
NEW JERSEY/NEW YORK
7.5 MINUTE SERIES, USGS 2019

SCALE 1:24 000

1 0.5 0 KILOMETERS 1 2
1000 500 0 METERS 1000 2000
1 0.5 0 1
MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
FEET

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Environmental Consulting & Management Services, Inc.
10 Filmont Drive, New City, NY 10956

SOURCE: USGS
DATE: 2019

APPROVED BY H. Sudwischer

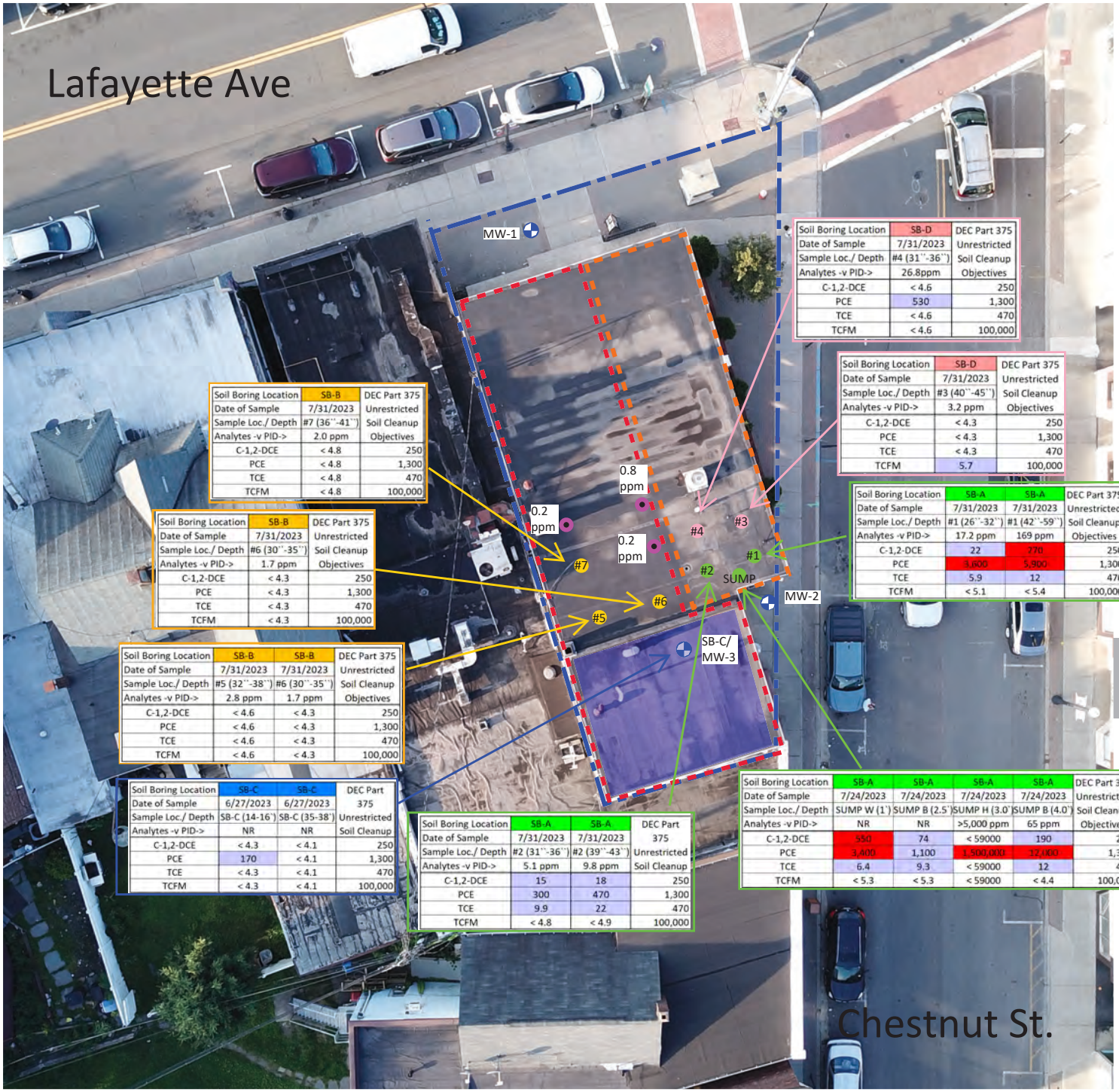
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PROJECT DRAWING NO. 23.527

FIGURE 1

Site Location Map
43-45 LAFAYETTE AVENUE
SUFFERN VILLAGE
ROCKLAND COUNTY, NEW YORK

SCALE 1:24,000 | Contour Interval: 10 FT | DATE 10/14/23



Soil Boring Location	SB-D	DEC Part 375
Date of Sample	7/31/2023	Unrestricted
Sample Loc./ Depth	#4 (31``-36``)	Soil Cleanup
Analytes -v PID->	26.8ppm	Objectives
C-1,2-DCE	< 4.6	250
PCE	530	1,300
TCE	< 4.6	470
TCFM	< 4.6	100,000

Soil Boring Location	SB-B	DEC Part 375
Date of Sample	7/31/2023	Unrestricted
Sample Loc./ Depth	#7 (36``-41``)	Soil Cleanup
Analytes -v PID->	2.0 ppm	Objectives
C-1,2-DCE	< 4.8	250
PCE	< 4.8	1,300
TCE	< 4.8	470
TCFM	< 4.8	100,000

Soil Boring Location	SB-D	DEC Part 375
Date of Sample	7/31/2023	Unrestricted
Sample Loc./ Depth	#3 (40``-45``)	Soil Cleanup
Analytes -v PID->	3.2 ppm	Objectives
C-1,2-DCE	< 4.3	250
PCE	< 4.3	1,300
TCE	< 4.3	470
TCFM	5.7	100,000

Soil Boring Location	SB-B	DEC Part 375
Date of Sample	7/31/2023	Unrestricted
Sample Loc./ Depth	#6 (30``-35``)	Soil Cleanup
Analytes -v PID->	1.7 ppm	Objectives
C-1,2-DCE	< 4.3	250
PCE	< 4.3	1,300
TCE	< 4.3	470
TCFM	< 4.3	100,000

Soil Boring Location	SB-A	SB-A	DEC Part 375
Date of Sample	7/31/2023	7/31/2023	Unrestricted
Sample Loc./ Depth	#1 (26``-32``)	#1 (42``-59``)	Soil Cleanup
Analytes -v PID->	17.2 ppm	169 ppm	Objectives
C-1,2-DCE	22	770	250
PCE	3,600	5,900	1,300
TCE	5.9	12	470
TCFM	< 5.1	< 5.4	100,000

Soil Boring Location	SB-B	SB-B	DEC Part 375
Date of Sample	7/31/2023	7/31/2023	Unrestricted
Sample Loc./ Depth	#5 (32``-38``)	#6 (30``-35``)	Soil Cleanup
Analytes -v PID->	2.8 ppm	1.7 ppm	Objectives
C-1,2-DCE	< 4.6	< 4.3	250
PCE	< 4.6	< 4.3	1,300
TCE	< 4.6	< 4.3	470
TCFM	< 4.6	< 4.3	100,000

Soil Boring Location	SB-C	SB-C	DEC Part
Date of Sample	6/27/2023	6/27/2023	375
Sample Loc./ Depth	SB-C (14-16')	SB-C (35-38')	Unrestricted
Analytes -v PID->	NR	NR	Soil Cleanup
C-1,2-DCE	< 4.3	< 4.1	250
PCE	170	< 4.1	1,300
TCE	< 4.3	< 4.1	470
TCFM	< 4.3	< 4.1	100,000

Soil Boring Location	SB-A	SB-A	DEC Part
Date of Sample	7/31/2023	7/31/2023	375
Sample Loc./ Depth	#2 (31``-36``)	#2 (39``-43``)	Unrestricted
Analytes -v PID->	5.1 ppm	9.8 ppm	Soil Cleanup
C-1,2-DCE	15	18	250
PCE	300	470	1,300
TCE	9.9	22	470
TCFM	< 4.8	< 4.9	100,000

Soil Boring Location	SB-A	SB-A	SB-A	SB-A	DEC Part 375
Date of Sample	7/24/2023	7/24/2023	7/24/2023	7/24/2023	Unrestricted
Sample Loc./ Depth	SUMP W (1')	SUMP B (2.5')	SUMP H (3.0')	SUMP B (4.0')	Soil Cleanup
Analytes -v PID->	NR	NR	>5,000 ppm	65 ppm	Objectives
C-1,2-DCE	550	74	< 59000	190	250
PCE	3,400	1,100	1,500,000	12,000	1,300
TCE	6.4	9.3	< 59000	12	470
TCFM	< 5.3	< 5.3	< 59000	< 4.4	100,000

Soil Analytical Results are reported in ug/Kg

Notes: SB-A had 8 different soil samples collected. Four were directly collected from the sump and 1 Water sample collected. The Highest PID from the sump was greater than 5000 ppm.
SB-B Inside former boiler room closest to former dry-cleaning equipment laterally. **SB-C** Located directly adjacent the former dry cleaning machine. **SB-D** was adjacent SB-A #1 and #2 to determin if the impacts spread out laterally.

Environmental Consulting & Management Services, Inc.
10 Filmont Drive, New City, NY 10956

IMAGE SOURCE: H.Sudwischer
DATE: 7/24/23

APPROVED BY H. Sudwischer

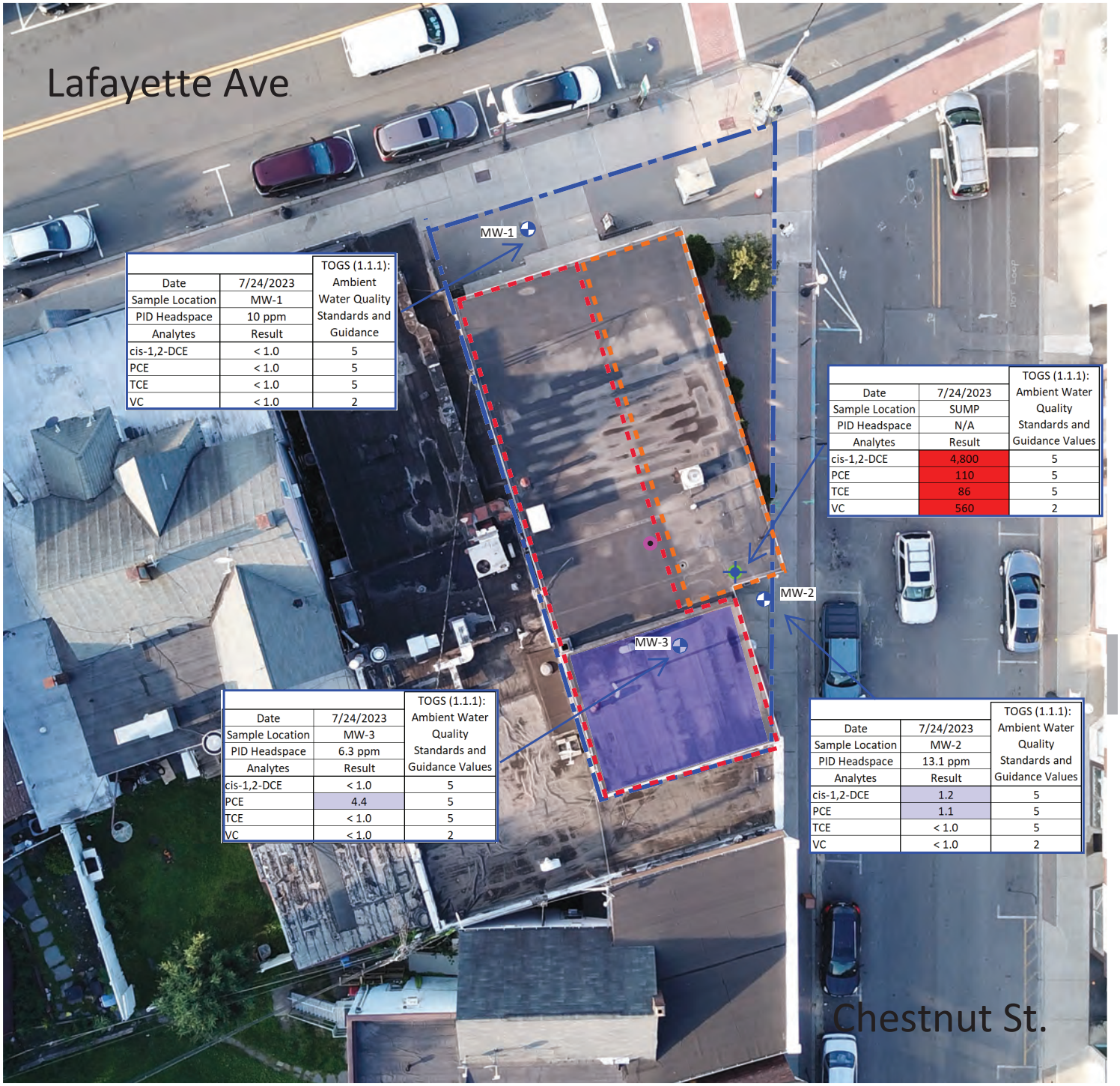
DRAWN BY H. Sudwischer

PROJECT DRAWING NO. 23.527

FIGURE 2

Soil Analyte Detection Map
43-45 LAFAYETTE AVENUE
SUFFERN VILLAGE
ROCKLAND COUNTY, NEW YORK

DATE 10/14/23



		TOGS (1.1.1): Ambient Water Quality Standards and Guidance
Date	7/24/2023	
Sample Location	MW-1	
PID Headspace	10 ppm	
Analytes	Result	
cis-1,2-DCE	< 1.0	5
PCE	< 1.0	5
TCE	< 1.0	5
VC	< 1.0	2

		TOGS (1.1.1): Ambient Water Quality Standards and Guidance Values
Date	7/24/2023	
Sample Location	SUMP	
PID Headspace	N/A	
Analytes	Result	
cis-1,2-DCE	4,800	5
PCE	110	5
TCE	86	5
VC	560	2

		TOGS (1.1.1): Ambient Water Quality Standards and Guidance Values
Date	7/24/2023	
Sample Location	MW-3	
PID Headspace	6.3 ppm	
Analytes	Result	
cis-1,2-DCE	< 1.0	5
PCE	4.4	5
TCE	< 1.0	5
VC	< 1.0	2

		TOGS (1.1.1): Ambient Water Quality Standards and Guidance Values
Date	7/24/2023	
Sample Location	MW-2	
PID Headspace	13.1 ppm	
Analytes	Result	
cis-1,2-DCE	1.2	5
PCE	1.1	5
TCE	< 1.0	5
VC	< 1.0	2

Former Dry Cleaner Space
Occupied Tenant Space
Property Boundary
Monitoring Well Location
Grab Water Sample From Earthen Sump
Building Construction on Grade the remainder has basement

0 35 70

cis-1,2-Dichloroethene	cis-1,2-DCE
Tetrachloroethene	PCE
Trichloroethene	TCE
Vinyl chloride	VC

Notes: Groundwater analytical concentrations are reported in ug/L
SB-C / MW-3 was converted to a 1- inch monitoring well MW-3 because cobble fill was not allowing the augers to advance to bedrock. SB-C/MW-3 Located directly adjacent the area of the former dry cleaning machine.

Environmental Consulting & Management Services, Inc.
10 Filmont Drive, New City, NY 10956

IMAGE SOURCE: H.Sudwischer
DATE: 7/24/23

APPROVED BY H. Sudwischer

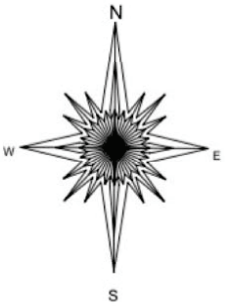
DRAWN BY H. Sudwischer

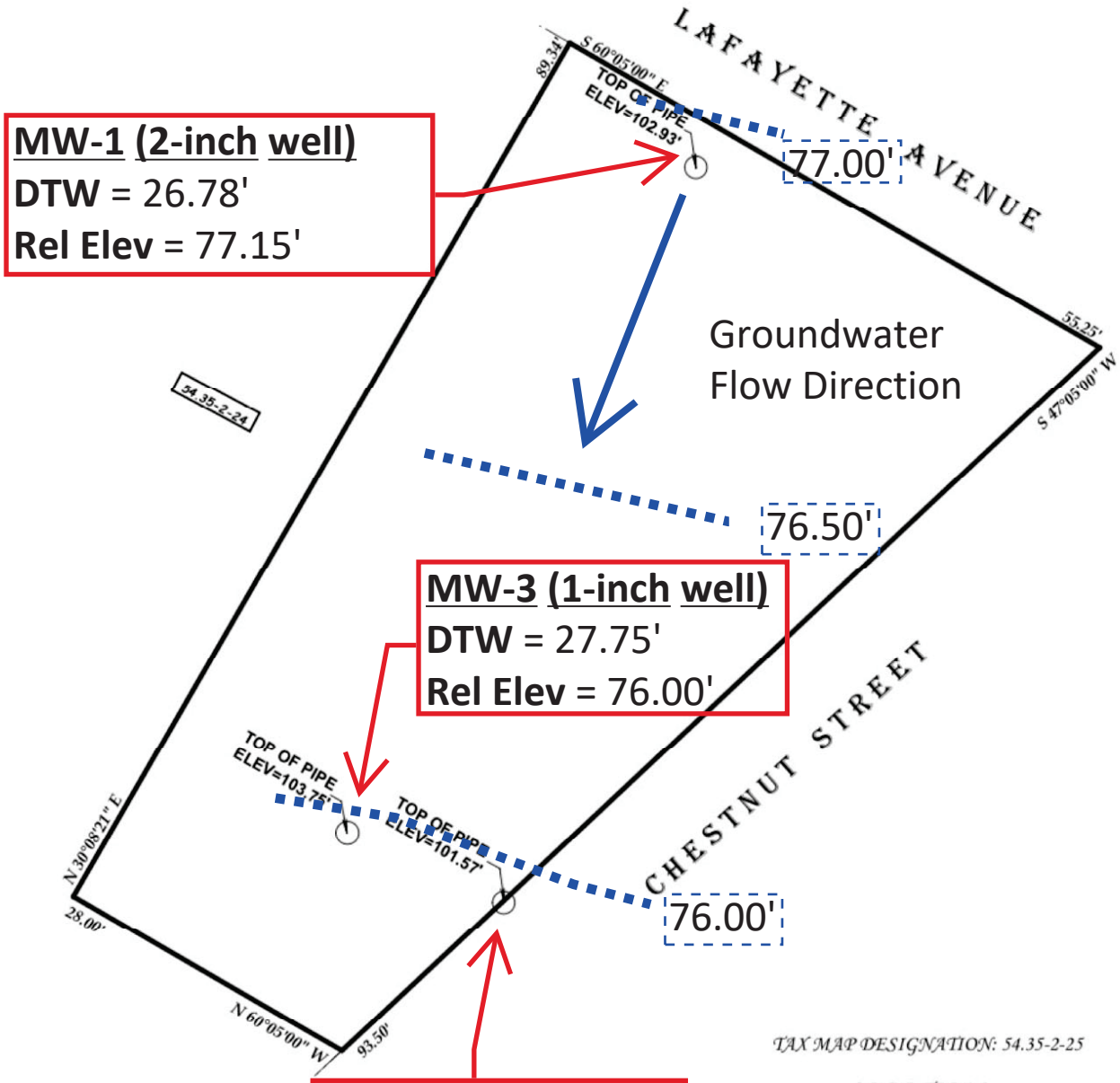
PROJECT DRAWING NO. 23.527

FIGURE 3
Groundwater Analyte Detection Map
43-45 LAFAYETTE AVENUE
SUFFERN VILLAGE
ROCKLAND COUNTY, NEW YORK

DATE 10/14/23

Figure 4 Well Survey Elevations





MW-1 (2-inch well)
DTW = 26.78'
Rel Elev = 77.15'

MW-3 (1-inch well)
DTW = 27.75'
Rel Elev = 76.00'

MW-2 (2-inch well)
DTW = 25.55'
Rel Elev = 76.02'

TAX MAP DESIGNATION: 54.35-2-25

LOCATION OF TOP OF WELLS

43-45 LAFAYETTE AVE.

TOWN OF RAMAPO, ROCKLAND COUNTY

SUFFERN, NEW YORK

JULY 29,2023 SCALE : 1" = 10'

0 10 20 30

Legend

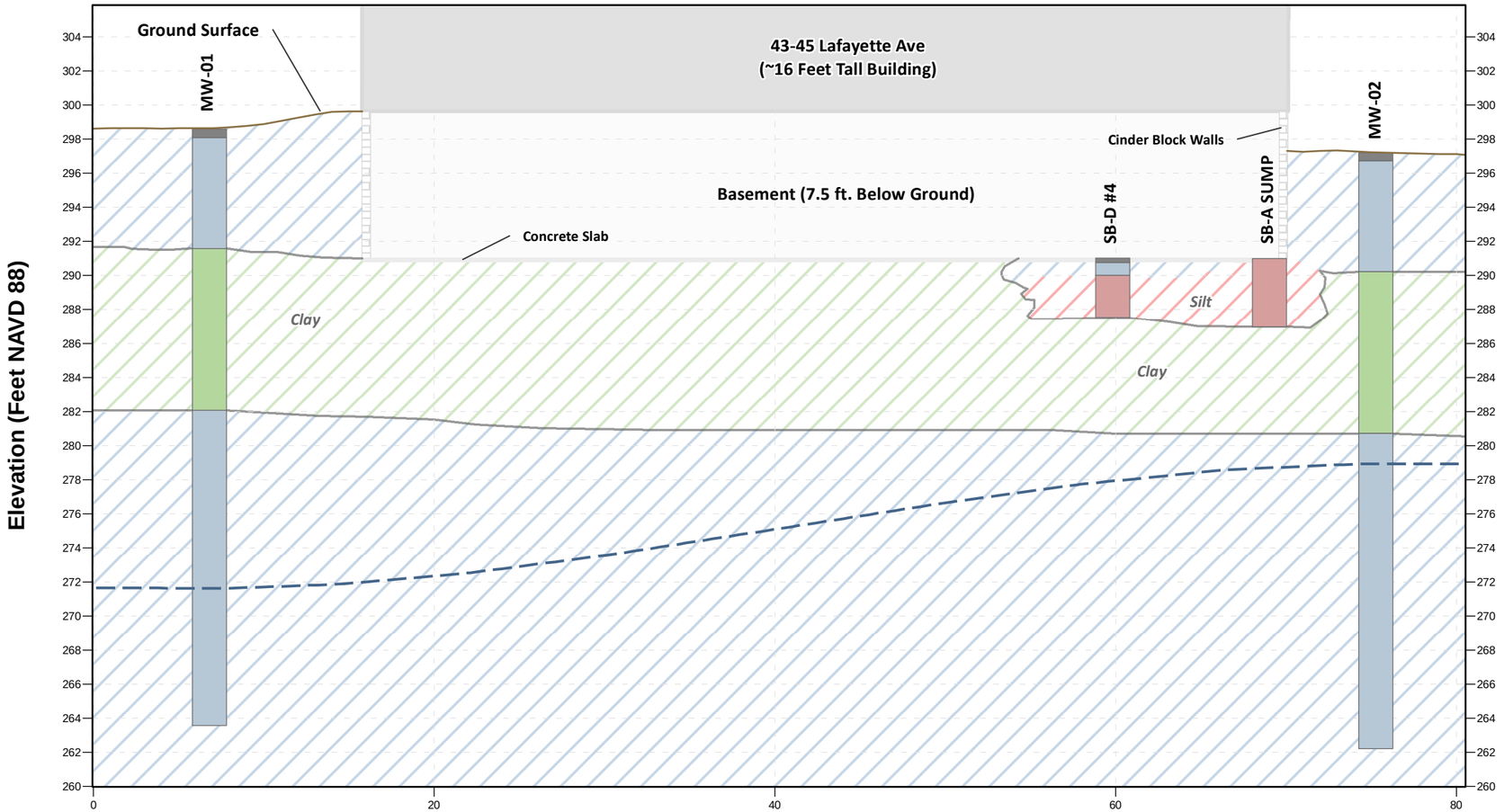
Top of Pipe - Top of well casing (TOC)
DTW - Depth to water below TOC
Rel Elev - Relative Groundwater(GW) Elevation compared to arbitrary benchmark
- GW Contours with Rel Elev
##.##'

ANTHONY R. CELENTANO P.L.S.
31 ROSMAN ROAD
THIELLS,N.Y. 10984
845 429 5290 FAX 429 5974
LIC#50633

STATE OF NEW YORK ANTHONY RICHARD CELENTANO 50633 LICENSED LAND SURVEYOR

North
A

South
A'



Horizontal Distance (feet)

Legend

- Approximate Water Table
- Concrete
- Clay with Sand
- Sand with Silt/Clay
- Silt and Sand

A_solids_LEGEND

DESC

- Basement
- Building

Inferred Lithology

- Clay with Sand
- Sand with Silt/Clay
- Silt and Sand

0 4 8 16 Feet

1 inch = 8 feet

Vertical Exaggeration = 1X

SAFETY FIRST

terraphase engineering

CLIENT:	Environmental Consulting & Management Services, Inc.
PROJECT:	RAWP Preparation 43-45 Lafayette Ave, Suffern, NY
PROJECT NUMBER:	CV02.002

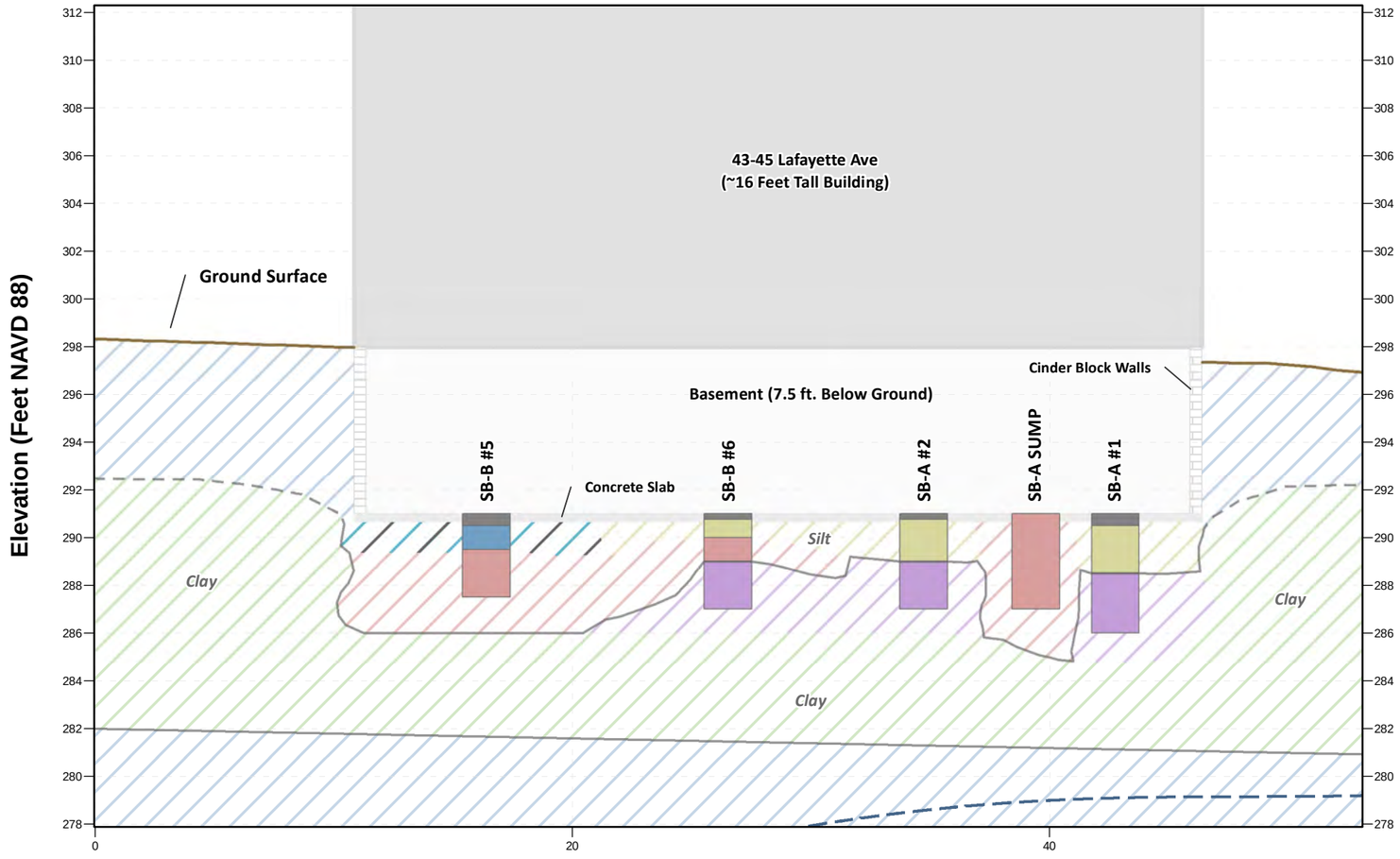
Cross Section A-A'

FIGURE 5

File: N:\GIS\Prj\CV02_Env Consulting & Mgmt Services\002_43-45 Lafayette Ave\MXDs\Crossview\MXDs\(20240823) Fx_Cross Section A.mxd 8/29/2024 Created by: BKO Checked by: NK Coordinate System: NAD 1983 StatePlane California VI FIPS 0406 Feet

West
B

East
B'



Legend

- Concrete
- Sand and Gravel, Trace Silt
- Sand and Silt
- Silt and Clay, Trace Sand
- Silt and Sand
- Basement
- Building
- Approximate Water Table

Inferred Lithology

- Clay with Sand
- Sand with Silt/Clay
- Sand and Gravel, Trace Silt
- Sand and Silt
- Silt and Clay, Trace Sand
- Silt and Sand

0 3 6 12 Feet

1 inch = 6 feet

Vertical Exaggeration = 1X

SAFETY FIRST

terraphase engineering

CLIENT:	Environmental Consulting & Management Services, Inc.
PROJECT:	RAWP Preparation 43-45 Lafayette Ave, Suffern, NY
PROJECT NUMBER:	CV02.002

Cross Section B-B'

FIGURE 5

File: N:\GIS\Prj\CV02_Env Consulting & Mgmt Services\002_43-45 Lafayette Ave\MXDs\Crossview\MXDs\(20240823) Fx_Cross Section B.mxd 8/29/2024 Created by: BKO Checked by: NK Coordinate System: NAD 1983 StatePlane California VI FIPS 0406 Feet

TABLES



Table 1
Soil Sample Results Summary - VOCs
NYSDEC Site Number: C344085 American Two Cleaners
43-45 Lafayette Avenue, Suffern, Village of Suffern, Rockland County, New York 10901

Environmental Consulting & Mangaement Services, Inc.			NYSDEC Part 375 Unrestricted Soil Cleanup Objectives	NYSDEC Part 375 Commercial Soil Cleanup Objectives	Sample Soil Boring Location							
10 Filmont Drive	Collection Date				SB-A	SB-A	SB-A	SB-A	SB-A	SB-A	SB-A	SB-A
New City, New York 10956	Sample Location/Depth				7/24/2023	7/24/2023	7/24/2023	7/24/2023	7/31/2023	7/31/2023	7/31/2023	7/31/2023
Project Id : 43 LAFAYETTE AVE	PID Headspace Reading				SUMP W (1`)	SUMP B (2.5`)	SUMP H (3.0`)	SUMP B (4.0`)	#1 (26``-32``)	#1 (42``-59``)	#2 (31``-36``)	#2 (39``-43``)
					NR	NR	>5,000 ppm	65.0 ppm	17.2 ppm	169 ppm	5.1 ppm	9.8 ppm
SUFFERN, NEW YORK	CAS No.	Units			Result	Result	Result	Result	Result	Result	Result	Result
Halogenated Volatiles By SW8260C												
1,1,1,2-Tetrachloroethane	630-20-6	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
1,1,1-Trichloroethane	71-55-6	ug/Kg	680	500,000	< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
1,1,2-Trichloroethane	79-00-5	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
1,1-Dichloroethane	75-34-3	ug/Kg	270	240,000	< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
1,1-Dichloroethene	75-35-4	ug/Kg	330	500,000	< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
1,1-Dichloropropene	563-58-6	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
1,2,3-Trichloropropane	96-18-4	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
1,2-Dibromo-3-chloropropane	96-12-8	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
1,2-Dibromoethane	106-93-4	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
1,2-Dichlorobenzene	95-50-1	ug/Kg	1,100	500,000	< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
1,2-Dichloroethane	107-06-2	ug/Kg	20	30,000	< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
1,2-Dichloropropane	78-87-5	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
1,3-Dichlorobenzene	541-73-1	ug/Kg	2,400	280,000	< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
1,3-Dichloropropane	142-28-9	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
1,4-Dichlorobenzene	106-46-7	ug/Kg	1,800	130,000	< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
2,2-Dichloropropane	594-20-7	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
Bromobenzene	108-86-1	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
Bromodichloromethane	75-27-4	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
Bromoform	75-25-2	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
Bromomethane	74-83-9	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
Carbon tetrachloride	56-23-5	ug/Kg	760	2,200	< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
Chlorobenzene	108-90-7	ug/Kg	1,100	500,000	< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
Chloroethane	75-00-3	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
Chloroform	67-66-3	ug/Kg	370	35,000	< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
Chloromethane	74-87-3	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
cis-1,2-Dichloroethene	156-59-2	ug/Kg	250	150,000	550	74	< 59000	190	22	270	15	18
cis-1,3-Dichloropropene	10061-01-5	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
Dibromochloromethane	124-48-1	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
Dibromomethane	74-95-3	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
Dichlorodifluoromethane	75-71-8	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
Methylene chloride	75-09-2	ug/Kg	50	500,000	< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
Tetrachloroethene	127-18-4	ug/Kg	1,300	150,000	3,400	1,100	1,500,000*	12,000	3,600	5,900	300	470
trans-1,2-Dichloroethene	156-60-5	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
trans-1,3-Dichloropropene	10061-02-6	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
trans-1,4-dichloro-2-butene	110-57-6	ug/Kg			< 11	< 11	< 120000	< 8.8	< 10	< 11	< 9.6	< 9.8
Trichloroethene	79-01-6	ug/Kg	470	200,000	6.4	9.3	< 59000	12	5.9	12	9.9	22
Trichlorofluoromethane	75-69-4	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
Trichlorotrifluoroethane	76-13-1	ug/Kg			< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9
Vinyl chloride	75-01-4	ug/Kg	20	13,000	< 5.3	< 5.3	< 59000	< 4.4	< 5.1	< 5.4	< 4.8	< 4.9

Notes

Result Detected {Value}

Result Exceeds Unrestricted Criteria {Value}

Result Exceeds Commercial Criteria { value}*

Corresponds to Samples collected from respective soil boring locations

SB-A **NYSDOH Soil Vapor Matrices Compounds**

SB-B Matrix A Compounds - carbon tetrachloride 1,1-dichloroethene cis-1,2-dichloroethene trichloroethene

SB-C Matrix B Compounds - methylene chloride tetrachloroethene 1,1,1-trichloroethane

SB-D Matrix C Compounds - vinyl chloride

Table 1
Soil Sample Results Summary - VOCs
NYSDEC Site Number: C344085 American Two Cleaners
43-45 Lafayette Avenue, Suffern, Village of Suffern, Rockland County, New York 10901

Environmental Consulting & Mangaement Services, Inc.			NYSDEC Part	NYSDEC Part	Sample Soil Boring Location							
					SB-B	SB-B	SB-B	SB-B	SB-C	SB-C	SB-D	SB-D
10 Filmont Drive	Collection Date		375	375	6/26/2023	7/31/2023	7/31/2023	7/31/2023	6/27/2023	6/27/2023	7/31/2023	7/31/2023
New City, New York 10956	Sample Location/Depth		Unrestricted	Commercial	SB-B (0-1`)	#5 (32``-38``)	#6 (30``-35``)	#7 (36``-41``)	SB-C (14-16`)	SB-C (35-38`)	#3 (40``-45``)	#4 (31``-36``)
Project Id : 43 LAFAYETTE AVE	PID Headspace Reading		Soil Cleanup	Soil Cleanup	10 ppm	2.8 ppm	1.7 ppm	2 ppm	NR	NR	4.1 ppm	26.8 ppm
SUFFERN, NEW YORK	CAS No.	Units	Objectives	Objectives	Result	Result	Result	Result	Result	Result	Result	Result
Halogenated Volatiles By SW8260C												
1,1,1,2-Tetrachloroethane	630-20-6	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
1,1,1-Trichloroethane	71-55-6	ug/Kg	680	500,000	< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
1,1,2-Trichloroethane	79-00-5	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
1,1-Dichloroethane	75-34-3	ug/Kg	270	240,000	< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
1,1-Dichloroethene	75-35-4	ug/Kg	330	500,000	< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
1,1-Dichloropropene	563-58-6	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
1,2,3-Trichloropropane	96-18-4	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
1,2-Dibromo-3-chloropropane	96-12-8	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
1,2-Dibromoethane	106-93-4	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
1,2-Dichlorobenzene	95-50-1	ug/Kg	1,100	500,000	< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
1,2-Dichloroethane	107-06-2	ug/Kg	20	30,000	< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
1,2-Dichloropropane	78-87-5	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
1,3-Dichlorobenzene	541-73-1	ug/Kg	2,400	280,000	< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
1,3-Dichloropropane	142-28-9	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
1,4-Dichlorobenzene	106-46-7	ug/Kg	1,800	130,000	< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
2,2-Dichloropropane	594-20-7	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
Bromobenzene	108-86-1	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
Bromodichloromethane	75-27-4	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
Bromoform	75-25-2	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
Bromomethane	74-83-9	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
Carbon tetrachloride	56-23-5	ug/Kg	760	2,200	< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
Chlorobenzene	108-90-7	ug/Kg	1,100	500,000	< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
Chloroethane	75-00-3	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
Chloroform	67-66-3	ug/Kg	370	35,000	< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
Chloromethane	74-87-3	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
cis-1,2-Dichloroethene	156-59-2	ug/Kg	250	150,000	< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
cis-1,3-Dichloropropene	10061-01-5	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
Dibromochloromethane	124-48-1	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
Dibromomethane	74-95-3	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
Dichlorodifluoromethane	75-71-8	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
Methylene chloride	75-09-2	ug/Kg	50	500,000	< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
Tetrachloroethene	127-18-4	ug/Kg	1,300	150,000	440	< 4.6	< 4.3	< 4.8	170	< 4.1	< 4.3	530
trans-1,2-Dichloroethene	156-60-5	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
trans-1,3-Dichloropropene	10061-02-6	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
trans-1,4-dichloro-2-butene	110-57-6	ug/Kg			< 9.1	< 9.1	< 8.6	< 9.5	< 8.6	< 8.1	< 8.6	< 9.3
Trichloroethene	79-01-6	ug/Kg	470	200,000	< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
Trichlorofluoromethane	75-69-4	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	5.7	< 4.6
Trichlorotrifluoroethane	76-13-1	ug/Kg			< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6
Vinyl chloride	75-01-4	ug/Kg	20	13,000	< 4.6	< 4.6	< 4.3	< 4.8	< 4.3	< 4.1	< 4.3	< 4.6

Notes

Result Detected {Value}

Result Exceeds Unrestricted Criteria {Value}

Result Exceeds Commercial Criteria { value}*

Corresponds to Samples collected from respective soil boring locations

SB-A **NYSDOH Soil Vapor Matrices Compounds**

SB-B Matrix A Compounds - carbon tetrachloride 1,1-dichloroethene cis-1,2-dichloroethene trichloroethene

SB-C Matrix B Compounds - methylene chloride tetrachloroethene 1,1,1-trichloroethane

SB-D Matrix C Compounds - vinyl chloride

Table 2
Groundwater Sample Results Summary - VOCs
NYSDEC Site Number: C344085 American Two Cleaners
43-45 Lafayette Avenue, Suffern, Village of Suffern, Rockland County, New York 10901

Environmental Consulting & Mangaement Services, Inc. 10 Filmont Drive, New City, New York 10956			NYSDEC TOGS (1.1.1): Ambient Water Quality Standards and Guidance Values	Monitoring Well Samples			Groundwater Grab Sample
Project Id : 43 LAFAYETTE AVE	Collection Date			7/24/2023	7/24/2023	7/24/2023	7/24/2023
SUFFERN, NEW YORK	Sample Identification			MW-1	MW-2	MW-3	SUMP
Halogenated Volatiles By SW8260C	CAS No.	Units		Result	Result	Result	Result
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
1,1,1-Trichloroethane	71-55-6	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5	< 0.50	< 0.50	< 0.50	< 10
1,1,2-Trichloroethane	79-00-5	ug/L	1	< 1.0	< 1.0	< 1.0	< 20
1,1-Dichloroethane	75-34-3	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
1,1-Dichloroethene	75-35-4	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
1,1-Dichloropropene	563-58-6	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
1,2,3-Trichloropropane	96-18-4	ug/L	0.04	< 1.0	< 1.0	< 1.0	< 20
1,2-Dibromo-3-chloropropane	96-12-8	ug/L	0.04	< 1.0	< 1.0	< 1.0	< 20
1,2-Dibromoethane	106-93-4	ug/L	0.0006	< 1.0	< 1.0	< 1.0	< 20
1,2-Dichlorobenzene	95-50-1	ug/L	4.7	< 1.0	< 1.0	< 1.0	< 20
1,2-Dichloroethane	107-06-2	ug/L	0.6	< 1.0	< 1.0	< 1.0	< 20
1,2-Dichloropropane	78-87-5	ug/L	1	< 1.0	< 1.0	< 1.0	< 20
1,3-Dichlorobenzene	541-73-1	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
1,3-Dichloropropane	142-28-9	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
1,4-Dichlorobenzene	106-46-7	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
2,2-Dichloropropane	594-20-7	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
Bromobenzene	108-86-1	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
Bromodichloromethane	75-27-4	ug/L	50	< 0.50	< 0.50	< 0.50	< 10
Bromoform	75-25-2	ug/L	50	< 1.0	< 1.0	< 1.0	< 20
Bromomethane	74-83-9	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
Carbon tetrachloride	56-23-5	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
Chlorobenzene	108-90-7	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
Chloroethane	75-00-3	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
Chloroform	67-66-3	ug/L	7	< 1.0	< 1.0	< 1.0	< 20
Chloromethane	74-87-3	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
cis-1,2-Dichloroethene	156-59-2	ug/L	5	< 1.0	1.2	< 1.0	4,800
cis-1,3-Dichloropropene	10061-01-5	ug/L	0.4	< 0.40	< 0.40	< 0.40	< 8.0
Dibromochloromethane	124-48-1	ug/L	5	< 0.50	< 0.50	< 0.50	< 10
Dibromomethane	74-95-3	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
Dichlorodifluoromethane	75-71-8	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
Methylene chloride	75-09-2	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
Tetrachloroethene	127-18-4	ug/L	5	< 1.0	1.1	4.4	110
trans-1,2-Dichloroethene	156-60-5	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
trans-1,3-Dichloropropene	10061-02-6	ug/L	0.4	< 0.40	< 0.40	< 0.40	< 8.0
trans-1,4-dichloro-2-butene	110-57-6	ug/L	5	< 2.5	< 2.5	< 2.5	< 50
Trichloroethene	79-01-6	ug/L	5	< 1.0	< 1.0	< 1.0	86
Trichlorofluoromethane	75-69-4	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
Trichlorotrifluoroethane	76-13-1	ug/L	5	< 1.0	< 1.0	< 1.0	< 20
Vinyl chloride	75-01-4	ug/L	2	< 1.0	< 1.0	< 1.0	560

Notes:

Result Detected

Result Exceeds Regulatory Criteria

Method Detection Limit Exceeds Regulatory Criteria

Table 3

Monitoring Well Information and Water Level Data Table

NYSDEC Site Number: C344085 American Two Cleaners

43-45 Lafayette Avenue, Suffern, Village of Suffern, Rockland County, New York 10901

Monitoring Well ID	Monitoring Well Installation Date	Diameter of Monitoring Well	Date Top of Casing (TOC) Established	Relative TOC Elevation (feet)	Date of DTW / DTB/ Relative GW Elevation Measurement	Depth to Water (DTW) (feet)	Depth to Bottom (DTB) (Decimal feet)	Relative Groundwater (GW) Elevation	PID Readings (ppm)
MW-1	3/14/2022	2-inch	8/24/2022	298.64	4/14/2022	29.96	34.50	268.68	0.0
MW-1	-	2-inch	7/29/2023	102.93	7/24/2023	26.78	34.36	77.15	10
MW-2	3/14/2022	2-inch	8/24/2022	297.33	4/14/2022	25.7	34.70	271.63	1.2
MW-2	-	2-inch	7/29/2023	101.57	7/24/2023	25.55	34.05	76.02	13.1
MW-3	6/27/2023	1-inch	7/29/2023	103.75	7/24/2023	27.75	33.23	76.00	6.30

APPENDICES



Appendix A
Freedom of Information Request Documents



New York State Department of Environmental Conservation
Division of Air Resources
Website: www.dec.state.ny.us

PERC DRY-CLEANING FACILITY
NOTICE OF EQUIPMENT SHUTDOWN

RECEIVED
JUL - 4 2020
DIVISION OF AIR RESOURCES

TO: NYSDEC Regional Air Pollution Control Engineer

DEC ID # 3 - 3926 - 00085

(Please report facility information as on NYSDEC Registration or Permit form)

Facility Name	AMERICAN TWO CLEANERS
Facility Address	43 LAFAYETTE AVE SUFFERN NY 10901
Phone Number	845 3680876

Machine Manufacturer and Model Name/Number of Machine(s) Removed	Serial Number(s)	Shutdown Date	Replacement Machine (if any)
CROWN		6/19/20	Out of Business
F-354			

In accordance with 6 NYCRR Part 232.15(b)(1), I am notifying DEC that I have ceased operating the above dry-cleaning machine(s) at the above facility.

Responsible Official	ANGEL ANGUELLO
Title	OWNER
Signature	
Date	6/19/20

Notes to dry-cleaner:

1).- Send a copy of this completed form, CERTIFIED MAIL RETURN RECEIPT REQUESTED, to the DEC Regional office that serves your county – see next page for addresses.
2) - Print or type the required information LEGIBLY.
3)- KEEP A COPY OF THIS FORM FOR THE FACILITY RECORDS.

Straight Bill of Lading
CESQG Manifest

National Waste Clean, Inc.
304 Pulaski St., South Plainfield, NJ 07080
Phone: 908-756-4114 Fax: 908-756-4348
800-329-0025

NWC Doc. No. WC-1177109

1. **From:** (Generator): NY 002999
American II Cleaners
43 Lafayette Ave
CESQG

To: National Waste Clean, Inc.
304 Pulaski Street
South Plainfield, NJ 07080
Phone: (908) 756-4114
EPA ID: NJD000564906

2. **Transporter:** National Waste Clean, Inc. EPA ID# NJD000564906 NJDEP 50149 Decal # 408429

3. US DOT Description

# of Containers	HM	US DOT Proper Shipping Name	Total Qty	Units WT/Vol.
1	X	R.Q. Waste Toxic Solid, Organic, N.O.S. Tetrachloroethylene 6.1; UN2811; PG III Standard Filter 2 ☑ 3pc. ☐ 4pc. | Split Filter ____ | Jumbo Filter ____ | Others ____	40	LBS
	X	R.Q. Waste Toxic Liquid, Organic, N.O.S. Tetrachloroethylene 6.1; UN2810; PG III S/B Liquid ____ Gal. Waste Water ____ Gal. Vac. Water ____ Gal.		LBS
		" Last pick-up to store closing "		LBS

4. 24 Hour Spill Emergency Response Phone: (800) 634-0261

5. Generator's Certification: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation. My total hazardous waste stream is less than 220 LBS/month, therefore I am not subject to the requirement of land disposal restriction rules.

Generator's Name: Angel Arguello (Print or Type) Signature: [signature] Date: 6/19/20

6. Transporter: Acknowledgment of Receipt of Materials.

Name: KI Young KO (Print or Type) Signature: [signature] Date: 6/19/20

7. Facility Owner or Operator: Certification of receipt of the waste materials covered by this document.

Name: _____ (Print or Type) Signature: _____ Date: _____

8. Additional Information:

Prev. Balance	Today's Charge	Tax	Total Amount

Check No. _____ Amt. Rcvd $_____
Cash _____
Others _____

Payment is due upon collection of waste. If not paid within **30 days**, an interest charge of **1.5% per month plus $5.00 handling charge** will be assessed to your account.

EPHM-2 REV. 11/94

2-118-51

STATE OF CONNECTICUT

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Hazardous Waste MANIFEST PROGRAM
79 Elm St., Hartford, CT 06106-5127

Please type (or print) *(Form designed for use on elite (12-pitch) typewriter.)*

FOR STATE USE ONLY

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NYD103734232	Manifest Document No. 86493	2. Page 1 of 1	Information in the shaded areas is not required by Federal law but may be required by State law

3. Generator's Name and Mailing Address
ALL AMERICAN LINRS
43 LAFAYETTE AVE ATTN STEFAN
SUFFERN NY 10901
4. Generator's Phone (914) 368-0876

A. State Manifest Document Number **CT F 0465133**

B. G.S.I. (Gen. Site Address) **SAME**

5. Transporter 1 Company Name: SAFETY-KLEEN CORP. | 6. US EPA ID Number: ILD984908202

7. Transporter 2 Company Name | 8. US EPA ID Number

C. S.T.I. (Trans. Lic. Plate #) CF785NY
D. Tran. Phone (914) 353-0900
E. S.T.I. (Trans. Lic. Plate #)
F. Tran. Phone ( )

9. Designated Facility Name and Site Address 000762
SAFETY-KLEEN CORP
39 COMMUNITY AVE EXT.
PLAINFIELD CT 06374
10. US EPA ID Number: CTD001156005

G. State Facility's ID (Not Required)
H. Facility's Phone 203 564-0696

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE TETRACHLOROETHYLENE 9, 1 UN1897 PG III (F002, D007, D039) (D040) (ERG#74) 13 LBS/GAL	2	DF	218	P	EPA F002* STATE D007*
b. ~~RQ WASTE TETRACHLOROETHYLENE 9, 1 UN1897 PG III (F002, D039) (ERG#74) 13#/GAL FILTERS~~				P	EPA ~~F002*~~ STATE ~~D039*~~
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
D039 D040
a. T. L. RECYCLED
b. T. L. RECYCLED
c.
d.

K. Handling Codes for Wastes Listed Above

	Interim	Final	Interim	Final
a.	~~S01~~	B T43		
b.	~~S01~~		d.	

15. Special Handling Instructions and Additional Information 9515 8000236 586140 2-118-51-7324 04
FOR RECYCLE NY HANDLING CODE-B
EMERGENCY RESP#1-708-882-4660

SKDOT# A: 93506 B: Point of ~~Destination~~ C: D:

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, **OR**, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	04	13	95

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
WILLIAM J. PINDT	William J. Pindt	04	13	95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
No pickup, box 11b and all corresponding boxes crossed out

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Month	Day	Year
Stefan Williams	Stefan Williams	04	14	95

EPA Form 8700-22 (Rev. 9/91) Form Approved OMB No. 2050-0039. Expires 9/30/96. Previous edition is obsolete.

COPY 2: FACILITY MAILS TO GENERATOR STATE

GENERATOR — FOR SPILLS WITHIN CONNECTICUT, CONTACT CT DEP - OIL AND CHEMICAL SPILL RESPONSE AT (203) 566-4633

IN THE EVENT OF A SPILL CONTACT THE NATIONAL RESPONSE CENTER U.S. COAST GUARD 1-800-424-8802

COPY 2: FACILITY MAILS TO GENERATOR STATE

CT F 0465133

EPHM-2 REV. 11/94

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Hazardous Waste MANIFEST PROGRAM
79 Elm St., Hartford, CT 06106-5127

2-118-51

FOR STATE USE ONLY

Please type (or print) *(Form designed for use on elite (12-pitch) typewriter.)*

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. · NYD103734232 · · · Manifest Document No. 65564 ·

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but may be required by State law.

3. Generator's Name and Mailing Address
ALL AMERICAN CLNRS
43 LAFAYETTE AVE ATTN STEFAN
SUFFERN NY 10901

A. State Manifest Document Number: CT F 0454338

B. G.S.I. (Gen. Site Address): SAME

4. Generator's Phone (914) 368-0876

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.

6. US EPA ID Number: ILD984908202

7. Transporter 2 Company Name

8. US EPA ID Number

C. S.T.I. (Trans. Lic. Plate #): NYAR4514

D. Tran. Phone (914) 353-0900

E. S.T.I. (Trans. Lic. Plate #)

F. Tran. Phone ( )

9. Designated Facility Name and Site Address 000762
SAFETY-KLEEN CORP.
29 COMMUNITY AVE EXT.
PLAINFIELD CT 06374

10. US EPA ID Number: CTD001156009

G. State Facility's ID (Not Required)

H. Facility's Phone: 203 564-0696

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE TETRACHLOROETHYLENE 6.1 UN1897 PG III (F002 D007, D008) (D039, D040) (ERG#74) 13 LBS/GAL	0		0	P	EPA F002* STATE D007*
b. WASTE TETRACHLOROETHYLENE 6.1 UN1897 PG III (F002, D039) (ERG#74) 13#/GAL FILTERS	002DM		00060	P	EPA F002* STATE D039*
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
a. D008 D039 T, L, RECYCLED, D040
b. T, L, RECYCLED

K. Handling Codes for Wastes Listed Above

	Interim	Final		Interim	Final
a.	~~S01~~	B	c.		
b.	S01	B T63	d.		

15. Special Handling Instructions and Additional Information
SECURE AUTHORIZED TO RETAIN LICENSED SUBSEQUENT CARRIER, AS NECESSARY
FOR RECYCLE NY HANDLING CODE-B
EMERGENCY RESP#1-800-468-1760

9607 91386711 665564 2-118-51-7324 04 Point of Departure:

16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
Stefan Sullam		02	16	96

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Joe Gleeson		02	16	96

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Sandra McKenna	Sandra McKenna	02	19	96

FACILITY

EPA Form 8700-22 (Rev. 9/91) Form Approved OMB No. 2050-0039. Expires 9/30/96. Previous edition is obsolete. A: 942 B: 906 C: D.

COPY 2: FACILITY MAILS TO GENERATOR STATE

IN THE EVENT OF A SPILL, CONTACT THE NATIONAL RESPONSE CENTER, U.S. COAST GUARD 1-800-424-8802. FOR SPILLS WITHIN CONNECTICUT, CONTACT CT DEP - OIL AND CHEMICAL SPILL RESPONSE AT (203) 566-3338

CT F 0454338

EPHM-2 REV. 11/94

2-118-51

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Hazardous Waste MANIFEST PROGRAM
79 Elm St., Hartford, CT 06106-5127

Please type (or print) *(Form designed for use on elite (12-pitch) typewriter.)*

FOR STATE USE ONLY

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. / Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law, but may be required by State law.
	NYD103734232 . . . 69138		

3. Generator's Name and Mailing Address
ALL AMERICAN CLNRS
43 LAFAYETTE AVE ATIN STEFAN
SUFFERN NY 10901

4. Generator's Phone (914) 368-0876

A. State Manifest Document Number: **CT F 0453193**

B. G.S.I. (Gen. Site Address): **SAME**

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD984908202 . . . .

C. S.T.I. (Trans. Lic. Plate #): MA4579

7. Transporter 2 Company Name:
8. US EPA ID Number: . . . . . .

D. Tran. Phone (914) 353-0900

9. Designated Facility Name and Site Address 000762
SAFETY-KLEEN CORP.
39 COMMUNITY AVE EXT.
PLAINFIELD CT 06374
10. US EPA ID Number: CTD001156009 . . . . . .

E. S.T.I. (Trans. Lic. Plate #):

F. Tran. Phone ( )

G. State Facility's ID (Not Required):

H. Facility's Phone: 203 564-0696

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE TETRACHLOROETHYLENE 9, 1 UN1897 PG III (F002 D007, D008) (D039, D040) (ERG#74) 13 LBS/GAL	001	DF	00135	P	EPA F002* STATE D007*
b. WASTE TETRACHLOROETHYLENE 9, 1 UN1897 PG III (F002, D039) (ERG#74) 13#/GAL FILTERS	002	DM	00060	P	EPA F002* STATE D039*
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
a. T. L. RECYCLED, D040, D008 D039
b. T. L. RECYCLED

c.
d.

K. Handling Codes for Wastes Listed Above

	Interim	Final		Interim	Final
a.	S01	T63	c.		
b.	S01	T63	d.		

15. Special Handling Instructions and Additional Information
SECOND AUTHORIZED TO RETAIN LICENSED SUBSEQUENT CARRIER, AS NECESSARY.
FOR RECYCLE NY HANDLING CODE-B
EMERGENCY RESP#1-800-468-1760

9603 90485756 569138 2-118-51-7324 04 Point of Departure:

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

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Printed/Typed Name	Signature	Month	Day	Year
LARISA IVCHS		01	17	96

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Joe Gleeson		01	17	96

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Sandra McKenna	Sandra McKenna	01	19	96

EPA Form 8700-22 (Rev. 9/91) Form Approved OMB No. 2050-0039. Expires 9/30/96. Previous edition is obsolete. A. 942 B 906 C: D.

GENERATOR

TRANSPORTER

FACILITY

IN THE EVENT OF A SPILL, CONTACT THE NATIONAL RESPONSE CENTER U.S. COAST GUARD 1-800-424-8802. FOR SPILLS WITHIN CONNECTICUT, CONTACT CT DEP - OIL AND CHEMICAL SPILL RESPONSE AT (203) 566-3338

COPY 2: FACILITY MAILS TO GENERATOR STATE

CT F 0453193

COPY 2: FACILITY MAILS TO GENERATOR STATE

EPHM-2 REV. 11/94

2-118-51

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Hazardous Waste MANIFEST PROGRAM
79 Elm St., Hartford, CT 06106-5127

Please type (or print) *(Form designed for use on elite (12-pitch) typewriter.)*

FOR STATE USE ONLY

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD103734232 — Manifest Document No. 84983

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law, but may be required by State law.

3. Generator's Name and Mailing Address
ALL AMERICAN CLNRS
43 LAFAYETTE AVE ATTN STEFAN
SUFFERN NY 10901

4. Generator's Phone (914) 368-0876

A. State Manifest Document Number: CT F 0479239

B. G.S.T. (Gen. Site Address): SAME

5. Transporter 1 Company Name: SAFETY-KLEEN CORP — 6. US EPA ID Number: ILD984908202

7. Transporter 2 Company Name — 8. US EPA ID Number

C. S.T.T. (Trans. Lic. Plate #): NYAF4317

D. Tran. Phone (914) 353-0900

9. Designated Facility Name and Site Address 000762
SAFETY-KLEEN CORP.
39 COMMUNITY AVE EXT.
PLAINFIELD CT 06374

10. US EPA ID Number: CTD001156009

E. S.T.F. (Trans. Lic. Plate #)

F. Tran. Phone ( )

G. State Facility's ID (Not Required)

H. Facility's Phone 203 564-0696

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. ~~RQ WASTE TETRACHLOROETHYLENE 9 1 UN1897 PG III (F002, D039) (D040) ERG#74 13#/GAL~~ DB					EPA ~~F002~~ STATE ~~D039~~ DB
b. WASTE TETRACHLOROETHYLENE 9 1 UN1897 PG III (F002, D039) ERG#74) 13#/GAL FILTERS	XX2	DM	XX.120	P	EPA F002 STATE D039
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
a. ~~D039 D040~~ 1 L, RECYCLED DB
b. 1 L, RECYCLED

K. Handling Codes for Wastes Listed Above

	Interim	Final		Interim	Final
a.	~~DC~~	DB	c.		
b.	B001163		d.		

15. Special Handling Instructions and Additional Information 9531 84031608 989982 2-118-51-7324 04
FOR RECYCLE NY HANDLING CODE-B
EMERGENCY RESP#1-708-888-4660
DB
SKOOT# A ~~B~~ Point of Delivery: C: D:

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR**, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
X MORRIS SULLAM	X	08	02	95

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DAN BYRAN		08	02	95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name	Signature	Month	Day	Year
SANDRA MCKENNA	Sandra McKenna	08	03	95

EPA Form 8700-22 (Rev. 9/91) Form Approved OMB No. 2050-0039. Expires 9/30/96. Previous edition is obsolete.

IN THE EVENT OF A SPILL, CONTACT THE NATIONAL RESPONSE CENTER, U.S. COAST GUARD 1-800-424-8802 FOR SPILLS WITHIN CONNECTICUT, CONTACT CT DEP - OIL AND CHEMICAL SPILL RESPONSE AT (203) 366-3338

COPY 2: FACILITY MAILS TO GENERATOR STATE

CT F 0479239

COPY 2: FACILITY MAILS TO GENERATOR STATE

EPHM-2 R

MAIL TO: NYSDEC
PO Box 12820
Albany, N.Y. 12212

The EPA Number in Box 1 is incorrect/blank.

Write the correct number in the following blank space:

Please typ

FOR STATE USE ONLY

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N.Y.D.1.0.3.7.3.4.2.3.2 Manifest Document No. 1.2.4.9.3

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law, but may be required by State law

A. State Manifest Document Number: CT F 0474545

3. Generator's Name and Mailing Address: AH American Cleaners, 43 Lafayette Ave, Suffern, N.Y. 1901

4. Generator's Phone: (914) 368-0876

B. G.S.I. (Gen. Site Address)

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.

6. US EPA ID Number: ILD984908202

C. S.T.I. (Trans. Lic. Plate #): NHF787

7. Transporter 2 Company Name

8. US EPA ID Number

D. Tran. Phone (914) 233-0300

9. Designated Facility Name and Site Address: 000762
SAFETY-KLEEN CORP
39 COMMUNITY AVE EXT
PLAINFIELD CT 06374

10. US EPA ID Number: CTD001156009

E. S.T.I. (Trans. Lic. Plate #)

F. Tran. Phone ( )

G. State Facility's ID (Not Required)

H. Facility's Phone 203 564-0696

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. ~~RQ~~ WASTE TETRACHLOROETHYLENE, 9, UN1897 PG III (F002, ~~D007~~, D039) (~~D010~~) (ERG#74) 13 LBS/GAL Filters	X.X.Y	DM	X.X.240	P	EPA F002* STATE D039
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
a. T.L RECYCLED ~~D007~~, ~~D010~~
b.
c.
d.

K. Handling Codes for Wastes Listed Above

	Interim	Final		Interim	Final
a.	~~D01~~ 13		b.		
c.			d.		

15. Special Handling Instructions and Additional Information
EMERGENCY RESP# 1-708-88E-4660 24HR 2-118-51-7324 PP-M12293
ITEM-K(A) NY=B
SKDOT# A 95906 B Point of Departure: C D

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations. 71242737

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR**, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
Sandra McKenna		04	27	95

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DAN Byrnes		04	27	95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Box 11a corrections, Box 3a corrected, corrected Box D
Box 15 a corrected, M

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Sandra McKenna	Sandra McKenna	05	01	95

EPA Form 8700-22 (Rev. 9/91) Form Approved OMB No. 2050-0039. Expires 9/30/96. Previous edition is obsolete.

CT00065

COPY 2: FACILITY MAILS TO GENERATOR STATE

IN THE EVENT OF A SPILL, CONTACT THE NATIONAL RESPONSE CENTER, U.S. COAST GUARD 1-800-424-8802. FOR SPILLS WITHIN CONNECTICUT, CONTACT CT DEP - OIL AND CHEMICAL SPILL RESPONSE AT (203) 566-3338

COPY 2: FACILITY MAILS TO GENERATOR STATE

CT F 0474545

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

2-118-51

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD 103734232
Manifest Document No.: 39769
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ALL AMERICAN CLNRS
43 LAFAYETTE AVE ATTN STEFAN
SUFFERN NY 10901
4. Generator's Phone (914) 368-0876

A. State Manifest Document Number: MA H 092669Ø
B. State Gen. ID: SAME
C. State Trans. ID: NYARY514
D. Transporter's Phone (914) 268-4477
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (203) 564-0696

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD 984908202
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: 000762
SAFETY-KLEEN CORP.
39 COMMUNITY AVE EXT.
PLAINFIELD CT 06374
10. US EPA ID Number: CTD 001156009

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. ~~RQ WASTE TETRACHLOROETHYLENE 6.1 UN1897 PG III (F002, D039) (ERG#74) 13#/GAL~~				P	~~F002*~~ ~~D039*~~
b. ~~RQ~~ WASTE TETRACHLOROETHYLENE 6.1 UN1897 PG III (F002, D039) (ERG#74) 13#/GAL	2	DM	120	P	F002* D039*
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. ~~D007~~ ~~T, L, RECYCLED~~
b. T, L, RECYCLED
c.
d.

K. Handling Codes for Wastes Listed Above
a. ~~S 0 1~~
c.
b. B 0 1
d.

15. Special Handling Instructions and Additional Information: 9443 X3782450 039769 2-118-51-7324 04
EMERGENCY RESP#708-888-4660 24HR. FOR RECYCLE
ITEM K NY=B SKDOT# A: ~~506~~ B: 906 C: D:
Box 11A and #11 sections not used

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
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GENERATOR — Printed/Typed Name: x Stefan Sullivan — Signature: x — Date: Month 10 Day 12 Year 94

TRANSPORTER
17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: DAN Byman — Signature — Date: Month 10 Day 12 Year 94
18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date: Month Day Year

FACILITY
19. Discrepancy Indication Space
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: SANDRA McKENNA — Signature: Sandra McKenna — Date: Month 10 Day 24 Year 94

Form Approved OMB No. 2050-0039. Expires 9-30-94
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA H 092669 COPY>2: FACILITY MAILS TO GENERATOR STATE

COPY>2: FACILITY MAILS TO GENERATOR STATE

EPHM-2 REV. 3/94

2-118-51

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Hazardous Waste MANIFEST PROGRAM
79 Elm St., Hartford, CT 06106-5127

Please type (or print) *(Form designed for use on elite (12-pitch) typewriter.)*

FOR STATE USE ONLY

FOR SPILLS WITHIN CONNECTICUT, CONTACT CT DEP - OIL AND CHEMICAL SPILL RESPONSE AT (203) 566-3338.
IN THE EVENT OF A SPILL, CONTACT THE NATIONAL RESPONSE CENTER, U.S. COAST GUARD 1-800-424-8802.

COPY 2: FACILITY MAILS TO GENERATOR STATE

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD103734232 — Manifest Document No. 87388
2. Page 1 of 1
Information in the shaded areas is not required by Federal law, but may be required by State law.

3. Generator's Name and Mailing Address
ALL AMERICAN CLNRS
43 LAFAYETTE AVE ATTN STEFAN
SUFFERN NY 10901

4. Generator's Phone (914) 368-0876

A. State Manifest Document Number: CT F 0324304

B. G.S.I. (Gen. Site Address): SAME

C. S.T.I. (Trans Lic. Plate #): MYL41498

D. Tran. Phone (914) 268-4477

E. S.T.I. (Trans. Lic. Plate #):

F. Tran. Phone ( )

G. State Facility's ID (Not Required):

H. Facility's Phone 203 564-0696

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD984908202

7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address 000762
SAFETY-KLEEN CORP.
39 COMMUNITY AVE EXT.
PLAINFIELD CT 06374
10. US EPA ID Number: CTD001156009

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE TETRACHLOROETHYLENE 6.1 UN1897 PG III (F002, D007, D039) (ERG#74)	XX1	DF	XX.195	P	EPA F002# STATE D039#
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
D007
a. T, L, RECYCLED
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. B07 Interim B Final
b. H43 Interim Final
c.
d.

15. Special Handling Instructions and Additional Information
9431 70783469 187389 2-118-51-7324 04
FOR RECYCLE NY HANDLING CODE-B
EMERGENCY RESP#1-708-888-4660

SKDOT# A: 506 B: Point of Departure: C: D:

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GENERATOR

Printed/Typed Name: Stefan Dalham — Signature — Month 07 Day 28 Year 94

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAN BYRNE — Signature — Month 07 Day 28 Year 94

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Sandra McKenna — Signature: Sandra McKenna — Month 08 Day 02 Year 94

EPA Form 8700-22 (Rev. 9/91) Form Approved OMB No.2050-0039. Expires 9/30/94. Previous edition is obsolete.

CT F 0324304

COPY 2: FACILITY MAILS TO GENERATOR STATE

EPHM-2 REV. 3/94

2-118-51

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Hazardous Waste MANIFEST PROGRAM
79 Elm St., Hartford, CT 06106-5127

Please type (or print) *(Form designed for use on elite (12-pitch) typewriter.)*

FOR STATE USE ONLY

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD103734232 | Manifest Document No. 90907

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but may be required by State law.

3. Generator's Name and Mailing Address
ALL AMERICAN CLNRS
43 LAFAYETTE AVE ATTN STEFAN
SUFFERN NY 10901

4. Generator's Phone (914) 368-0876

A. State Manifest Document Number: CT F0327575

B. S.T.I. (Gen. Site Address): SAME

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.

6. US EPA ID Number: ILD984908202

C. S.T.I. (Trans. Lic. Plate #): MYCF705

7. Transporter 2 Company Name

8. US EPA ID Number

D. Tran. Phone (914) 268-4477

9. Designated Facility Name and Site Address 000762
SAFETY-KLEEN CORP.
39 COMMUNITY AVE EXT
PLAINFIELD CT 06374

10. US EPA ID Number: CTD001156009

E. S.T.I. (Trans. Lic. Plate #)

F. Tran. Phone ( )

G. State Facility's ID (Not Required)

H. Facility's Phone: 203 564-0696

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE TETRACHLOROETHYLENE 6.1 UN1897 PG III (F002, D039) (ERG#74)	002	DM	0012D	P	EPA F002* STATE D039*
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
a. T, L, RECYCLED
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. S01 T03 (Interim / Final)
b. (Interim / Final)

15. Special Handling Instructions and Additional Information 9427 6975508 890907 2-118-51-7324 04
FOR RECYCLE NY HANDLING CODE=B
EMERGENCY RESP#1-708-888-4660
Correction 11A, JA 4/15 DH.

SKDOT# A: 906 ~~505~~ B: Point of Departure: C: D:

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Printed/Typed Name	Signature	Month	Day	Year
x Stefan Sullam	x	07	06	94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Pat AMBLE		07	06	94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Sandra McKenna	Sandra McKenna	07	07	94

GENERATOR — TRANSPORTER — FACILITY

FOR SPILLS WITHIN CONNECTICUT, CONTACT CT DEP - OIL AND CHEMICAL SPILL RESPONSE AT (203) 566-3338.
IN THE EVENT OF A SPILL, CONTACT THE NATIONAL RESPONSE CENTER, U.S. COAST GUARD 1-800-424-8802.

COPY 2: FACILITY MAILS TO GENERATOR STATE

EPA Form 8700-22 (Rev. 9/91) Form Approved OMB No.2050-0039. Expires 9/30/94. Previous edition is obsolete.

COPY 2: FACILITY MAILS TO GENERATOR STATE

EPHM-2 REV. 9/91

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

2-118-01

Hazardous Waste MANIFEST PROGRAM, State Office Building
Hartford, CT 06106

Please type (or print) *(Form designed for use on elite (12-pitch) typewriter.)*

FOR STATE USE ONLY

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NYD103734232	Manifest Document No. 57820	2. Page 1 of 1	Information in the shaded areas is not required by Federal law, but may be required by State law.

3. Generator's Name and Mailing Address
Suffern Clnrs
43 Lafayette Ave Suffern NY 10901

4. Generator's Phone (914) 368-6876

A. State Manifest Document Number: CT F 0219392

B. G.S.I. (Gen. Site Address): same

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: I L D 9 8 4 9 0 8 2 0 2
C. S.T.I. (Trans. Lic. Plate #): NY401498

7. Transporter 2 Company Name
8. US EPA ID Number
D. Tran. Phone (914) 268-4477

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP 0-007-62
785 NORWICH ROAD
PLAINFIELD CT 06374
10. US EPA ID Number: C T D 0 0 1 1 5 6 0 0 9
E. S.T.I. (Trans. Lic. Plate #)
F. Tran. Phone ( )
G. State Facility's ID (Not Required): PO BOX
H. Facility's Phone: 203 564-0696

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE TETRACHLOROETHYLENE 6.1 UN1897 PG III (F002)(ERG#74)	003	DM	XX190	P	EPA F002* STATE ~~D039~~
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
a. T,L RECYCLED
b.
c.
d.

K. Handling Codes for Wastes Listed Above

	Interim	Final		Interim	Final
a.	S01	T03	c.		
b.			d.		

15. Special Handling Instructions and Additional Information
EMERGENCY RESP# 1-708-888-4660 24HR 2-118-51-7324 PP- M 57820
ITEM-K(A) NY=B
SKDOT# A: 506 B: C: D:

Point of Departure: 6358/044

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

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Printed/Typed Name	Signature	Month	Day	Year
Stefan Sullam		12	20	93

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DAN Bymard		12	20	93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
David Hoey		1	2	93

EPA Form 8700-22 (Rev. 9/91) Form Approved OMB No.2050-0039. Expires 9/30/94. Previous edition is obsolete.

~~STORAGE~~

GENERATOR

IN THE EVENT OF A SPILL, CONTACT THE NATIONAL RESPONSE CENTER, U.S. COAST GUARD 1-800-424-8802. FOR SPILLS WITHIN CONNECTICUT, CONTACT CT DEP - OIL AND CHEMICAL SPILL RESPONSE AT (203) 566-3338.

COPY 2: FACILITY MAILS TO GENERATOR STATE

CT F 0219392

COPY 2: FACILITY MAILS TO GENERATOR STATE

EPHM-2 REV. 9/91

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

2-118-01

Hazardous Waste MANIFEST PROGRAM, State Office Building
Hartford, CT 06106

Please type (or print) *(Form designed for use on elite (12-pitch) typewriter.)*

FOR STATE USE ONLY

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD 103733232 — Manifest Document No. 83594 Y

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but may be required by State law.

3. Generator's Name and Mailing Address
Suffern Cleaners
43 Layfayette Ave
Suffern, N.Y. 10901

4. Generator's Phone (914) 368-6876

A. State Manifest Document Number CT F 0303145

B. G.S.I. (Gen. Site Address) SAME

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD984908202

C. S.T.I. (Trans. Lic. Plate #) 1046498

7. Transporter 2 Company Name
8. US EPA ID Number

D. Tran. Phone (914) 268-4477

E. S.T.I. (Trans. Lic. Plate #)

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP 0-007-62
785 NORWICH ROAD
PLAINFIELD CT 06374

10. US EPA ID Number: CTD001156009

F. Tran. Phone ( )

G. State Facility's ID (Not Required) PO BOX

H. Facility's Phone 203 564-0696

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE TETRACHLOROETHYLENE 6.1 UN1897 PG III (F002)(ERG#74)	008	DM	XX560	P	EPA F002* STATE D039
b. RQ WASTE Tetrachloroethylene 6.1. UN1897 PG III (F002) ERG#74	0.01	DF	XX095	P	EPA F002 STATE D039
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
a. T,L RECYCLED
b. T, L, Recycled
c.
d.

K. Handling Codes for Wastes Listed Above

	Interim	Final	Interim	Final
a.	~~S01~~	T03	c.	
b.	~~S01~~	T03	d.	

15. Special Handling Instructions and Additional Information
EMERGENCY RESP# 1-708-888-4660 24HR 2-118-51 ~~83054~~ PP- M83094 P57278
ITEM-K(A) NY=B
SKDOT# A: 506 B: 506 C: D:
Point of Departure: 6/4/44 9/5

~~#4~~ 4/506

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

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Printed/Typed Name	Signature	Month	Day	Year
Stefan Sullam		10	06	93

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Dan Byman		10	06	93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
David Hay		10	07	93

EPA Form 8700-22 (Rev. 9/91) Form Approved OMB No.2050-0039. Expires 9/30/94. Previous edition is obsolete.

GENERATOR

IN THE EVENT OF A SPILL, CONTACT THE NATIONAL RESPONSE CENTER, U.S. COAST GUARD 1-800-424-8802. FOR SPILLS WITHIN CONNECTICUT, CONTACT CT DEP - OIL AND CHEMICAL SPILL RESPONSE AT (203) 566-3338.

COPY 2: FACILITY MAILS TO GENERATOR STATE

CT F 0303145

COPY 2: FACILITY MAILS TO GENERATOR STATE

EPHM-2 REV. 9/91

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

2-118-01

Hazardous Waste MANIFEST PROGRAM, State Office Building
Hartford, CT 06106

Please type (or print) *(Form designed for use on elite (12-pitch) typewriter.)*

FOR STATE USE ONLY

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD 103734232 — Manifest Document No.: 92607

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law, but may be required by State law.

3. Generator's Name and Mailing Address: SUPERCLEANS, 43 LAFAYETTE AVE, SUFFERN NY 10901

4. Generator's Phone ( ): 914-368-6876

A. State Manifest Document Number: **CT F 0217071**

B. G.S.I. (Gen. Site Address): SAME

C. S.T.I. (Trans. Lic. Plate #): NYA1491

D. Tran. Phone ( ):

E. S.T.I. (Trans. Lic. Plate #): 514 268-4477

F. Tran. Phone ( ):

G. State Facility's ID (Not Required):

H. Facility's Phone: 203 564-0696 PO BOX

5. Transporter 1 Company Name: SAFETY-KLEEN CORP. — 6. US EPA ID Number: I·L·D·9·8·4·9·0·8·2·0·2

7. Transporter 2 Company Name — 8. US EPA ID Number:

9. Designated Facility Name and Site Address: SAFETY-KLEEN CORP, 785 NORWICH ROAD, PLAINFIELD CT 06374 — 0-007-62 — 10. US EPA ID Number: CTD001156009

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. ~~RQ WASTE TETRACHLOROETHYLENE 9, 1 UN1897 PG III (F002)(ERG#74)~~		DM		P	EPA ~~F002~~ STATE D039
b. RQ WASTE Combustible Liquid, NOS (Petroleum Naptha) NA1993 PG III (EPA D001, D039) ERG #27	0.06	D.F	x.x.60	P	EPA D001 STATE D039
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
a. ~~F, L~~ RECYCLED
b. IL. Recycled

K. Handling Codes for Wastes Listed Above

	Interim	Final	Interim	Final
a.	~~301~~		c.	
b.	B301 ~~763~~		d.	

15. Special Handling Instructions and Additional Information
EMERGENCY RESP# 1-708-888-4660 24HR 2-118-51- P57278 PP- MA207
ITEM-K(A) NY=B
SKDOT# ~~A:~~ ~~506~~ B: 569 C: D: Point of Departure: 61444923

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR,** if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [illegible] — Signature: Stefan Sullari — Month 10 Day 25 Year 93

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAN Byrnes — Signature: [signature] — Month 10 Day 25 Year 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Month . Day . Year .

19. Discrepancy Indication Space: BOX 11a no pickup all information crossed out D.H

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: David Hoey — Signature: [signature] — Month 10 Day 29 Year 93

EPA Form 8700-22 (Rev. 9/91) Form Approved OMB No.2050-0039. Expires 9/30/94. Previous edition is obsolete.

GENERATOR — TRANSPORTER — FACILITY

FOR SPILLS WITHIN CONNECTICUT, CONTACT CT DEP - OIL AND CHEMICAL SPILL RESPONSE AT (203) 566-3338
IN THE EVENT OF A SPILL, CONTACT THE NATIONAL RESPONSE CENTER, U.S. COAST GUARD 1-800-424-8802

COPY 2: FACILITY MAILS TO GENERATOR STATE

CT F 0217071

COPY 2: FACILITY MAILS TO GENERATOR STATE

EPHM-2 REV. 11/94

2-118-51

STATE OF CONNECTICUT

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Hazardous Waste MANIFEST PROGRAM
79 Elm St., Hartford, CT 06106-5127

Please type (or print) *(Form designed for use on elite (12-pitch) typewriter.)*

FOR STATE USE ONLY

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NYD103734232	Manifest Document No. 86493	2. Page 1 of 1	Information in the shaded areas is not required by Federal law but may be required by State law

3. Generator's Name and Mailing Address
ALL AMERICAN LINRS
43 LAFAYETTE AVE ATTN STEFAN
SUFFERN NY 10901
4. Generator's Phone (914) 368-0876

A. State Manifest Document Number **CT F 0465133**

B. G.S.I. (Gen. Site Address) **SAME**

5. Transporter 1 Company Name: SAFETY-KLEEN CORP. | 6. US EPA ID Number: ILD984908202

7. Transporter 2 Company Name | 8. US EPA ID Number

C. S.T.I. (Trans. Lic. Plate #) CF785NY
D. Tran. Phone (914) 353-0900
E. S.T.I. (Trans. Lic. Plate #)
F. Tran. Phone ( )

9. Designated Facility Name and Site Address 000762
SAFETY-KLEEN CORP
39 COMMUNITY AVE EXT.
PLAINFIELD CT 06374
10. US EPA ID Number: CTD001156005

G. State Facility's ID (Not Required)
H. Facility's Phone 203 564-0696

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE TETRACHLOROETHYLENE 9, 1 UN1897 PG III (F002, D007, D039) (D040) (ERG#74) 13 LBS/GAL	2	DF	218	P	EPA F002* STATE D007*
b. ~~RQ WASTE TETRACHLOROETHYLENE 9, 1 UN1897 PG III (F002, D039) (ERG#74) 13#/GAL FILTERS~~				P	EPA ~~F002*~~ STATE ~~D039*~~
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
D039 D040
a. T. L. RECYCLED
b. T. L. RECYCLED
c.
d.

K. Handling Codes for Wastes Listed Above

	Interim	Final	Interim	Final
a.	~~S01~~	B T43		
b.	~~S01~~		d.	

15. Special Handling Instructions and Additional Information 9515 8000236 586140 2-118-51-7324 04
FOR RECYCLE NY HANDLING CODE-B
EMERGENCY RESP#1-708-882-4660

SKDOT# A: 93506 B: Point of ~~Destination~~ C: D:

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, **OR**, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	04	13	95

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
WILLIAM J. PINDT	William J. Pindt	04	13	95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
No pickup, box 11b and all corresponding boxes crossed out

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Month	Day	Year
Stefan Williams	Stefan Williams	04	14	95

EPA Form 8700-22 (Rev. 9/91) Form Approved OMB No. 2050-0039. Expires 9/30/96. Previous edition is obsolete.

COPY 2: FACILITY MAILS TO GENERATOR STATE

GENERATOR — FOR SPILLS WITHIN CONNECTICUT, CONTACT CT DEP - OIL AND CHEMICAL SPILL RESPONSE AT (203) 566-4633

IN THE EVENT OF A SPILL CONTACT THE NATIONAL RESPONSE CENTER U.S. COAST GUARD 1-800-424-8802

COPY 2: FACILITY MAILS TO GENERATOR STATE

CT F 0465133

EPHM-2 REV. 11/94

2-118-51

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Hazardous Waste MANIFEST PROGRAM
79 Elm St., Hartford, CT 06106-5127

Please type (or print) *(Form designed for use on elite (12-pitch) typewriter.)*

FOR STATE USE ONLY

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD103734232 . . . Manifest Document No. 80703

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but may be required by State law.

3. Generator's Name and Mailing Address
ALL AMERICAN CLNRS
43 LAFAYETTE AVE ATTN STEFAN
SUFFERN NY 10901

A. State Manifest Document Number CT F 0472322

B. G.S.I. (Gen. Site Address) SAME

4. Generator's Phone (914) 368-0876

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.

6. US EPA ID Number: ILD984908202 . . . .

7. Transporter 2 Company Name

8. US EPA ID Number

C. S.T.I. (Trans. Lic. Plate #) 82364NY

D. Tran. Phone (914) 353-0900

9. Designated Facility Name and Site Address 000762
SAFETY-KLEEN CORP.
39 COMMUNITY AVE EXT.
PLAINFIELD CT 06374

10. US EPA ID Number: CTD001156009

E. S.T.I. (Trans. Lic. Plate #)

F. Tran. Phone ( )

G. State Facility's ID (Not Required)

H. Facility's Phone 203 564-0696

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. ~~RQ WASTE TETRACHLOROETHYLENE 6.1 UN1897 PG III (F002, D007, D039) (ERG#74) 13 LBS/GAL~~ BE #BE RQ WASTE TETRACHLOROETHYLENE 6.1 UN1897 PG III (F002, D039) (ERG#74) 13#/GAL FILTERS	XX	DM	XX180	P	EPA ~~F002~~ BE STATE ~~D007~~ EPA F002* STATE D039*
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
a. T~~O~~ ~~L~~ED PC
b. T, L, RECYCLED
c.
d.

K. Handling Codes for Wastes Listed Above
a. ~~501~~ 103 Interim Final
B ~~501~~ 103 Interim Final

15. Special Handling Instructions and Additional Information 9523 82036195 780703 2-118-51-7324 04
FOR RECYCLE NY HANDLING CODE-B
EMERGENCY RESP#1-708-888-4660

SKDOT# A: EE B Point of Departure: 906 C: D:

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR,** if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
PAUL L JACKSON	Paul L Jackson	06	07	95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Robert A Eilert	Robert A Eilert	06	07	95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Sandra McKenna	Sandra McKenna	06	08	95

EPA Form 8700-22 (Rev. 9/91) Form Approved OMB No. 2050-0039. Expires 9/30/96. Previous edition is obsolete.

GENERATOR

TRANSPORTER

FACILITY

IN THE EVENT OF A SPILL, CONTACT THE NATIONAL RESPONSE CENTER U.S. COAST GUARD 1-800-424-8802. FOR SPILLS WITHIN CONNECTICUT, CONTACT CT DEP - OIL AND CHEMICAL SPILL RESPONSE AT (203) 566-3338

COPY 2: FACILITY MAILS TO GENERATOR STATE

CT F 0472322

COPY 2: FACILITY MAILS TO GENERATOR STATE

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

2-118-51

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD 103734232 | Manifest Document No. 24796 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ALL AMERICAN CLNRS
43 LAFAYETTE AVE ATTN STEFAN
SUFFERN NY 10901
4. Generator's Phone (914 368-0876

A. State Manifest Document Number MA H 116110 ø
B. State Gen. ID SAME
C. State Trans. ID NYARYSIY
D. Transporter's Phone (914) 268-4477
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone (203) 564-0696

5. Transporter 1 Company Name: SAFETY-KLEEN CORP. | 6. US EPA ID Number: ILD 984908202
7. Transporter 2 Company Name | 8. US EPA ID Number

9. Designated Facility Name and Site Address 000762 | 10. US EPA ID Number
SAFETY-KLEEN CORP.
39 COMMUNITY AVE EXT.
PLAINFIELD CT 06374 | CTD 001156009

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. ~~RQ~~ WASTE TETRACHLOROETHYLENE 6.1 UN1897 PG III (F002, ~~D007~~, D039) (ERG#74) 13#/GAL	2	DM	120	P	F002* D039*
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. ~~D007~~ T. L. RECYCLED
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. B 1
b.
c.
d.

15. Special Handling Instructions and Additional Information 9447 74758392 324776 2-118-51-7324 04
EMERGENCY RESP#708-888-4660 24HR. FOR RECYCLE
ITEM K NY=B SKDOT# A: 906 B: C: D:
corrections 11a, 15

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the presence and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR — Printed/Typed Name: Stefan Sullivan | Signature | Date: Month 1 Day 29 Year 94

TRANSPORTER
17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: P.W. Byman | Signature | Date: Month 1 Day 29 Year 94
18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name | Signature | Date: Month Day Year

FACILITY
19. Discrepancy Indication Space
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: Sandra McKenna | Signature | Date: Month 1 Day 20 Year 94

Form Approved OMB No. 2050-0039. Expires 9-30-94
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA H 116110 COPY>2: FACILITY MAILS TO GENERATOR STATE

COPY>2: FACILITY MAILS TO GENERATOR STATE

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

2-118-51

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD 103734232
Manifest Document No.: 20647
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ALL AMERICAN CLNRS
43 LAFAYETTE AVE ATTN STEFAN
SUFFERN NY 10901

A. State Manifest Document Number: MA H 106750 Ø
B. State Gen. ID: SAME

4. Generator's Phone (914 368-0876)

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD 984908202
C. State Trans. ID: CF7875NY
D. Transporter's Phone (914) 268-4477

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Trans. ID
F. Transporter's Phone ( )

9. Designated Facility Name and Site Address 000762
SAFETY-KLEEN CORP.
39 COMMUNITY AVE EXT.
PLAINFIELD CT 06374
10. US EPA ID Number: CTD 001156009
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone (203) 564-0696

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE TETRACHLOROETHYLENE 6.1 UN1897 PG III (F002, D007, D039) (ERG#74) 13#/GAL	2	DF	390	P	F002* D039*
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. D007 T, L, RECYCLED
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. B
b.
c.
d.

15. Special Handling Instructions and Additional Information 9451 75778209 620647 2-118-51-7324 04
EMERGENCY RESP#708-888-4660 24HR. FOR RECYCLE
ITEM K NY=B SKDOT# A: 506 B: C: D:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR — Printed/Typed Name: Stefan Sulkin — Signature — Date: Month 12 Day 12 Year 94

TRANSPORTER
17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: Robert A Ellert — Signature — Date: Month 12 Day 12 Year 94
18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date: Month Day Year

FACILITY
19. Discrepancy Indication Space
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. — Printed/Typed Name: David Hoey — Signature — Date: Month 12 Day 27 Year 94

Form Approved OMB No. 2050-0039. Expires 9-30-94
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>2: FACILITY MAILS TO GENERATOR STATE

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

MA H 106750 Ø COPY 2: FACILITY MAILS TO GENERATOR STATE

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS MATERIALS
One Winter Street Boston, Massachusetts 02108

2-118-51

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD 103734232 | Manifest Document No. 66263 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ALL AMERICAN CLNRS
43 LAFAYETTE AVE ATTN STEFAN
SUFFERN NY 10901
4. Generator's Phone (914) 368-0876

A. State Manifest Document Number MA J 043520Ø
B. State Gen. ID SAME
C. State Trans. ID CF78754NY
D. Transporter's Phone (914 268-4477
E. State Trans. ID
F. Transporter's Phone ( )
G. State Facility's ID NOT REQUIRED
H. Facility's Phone (203 564-0696

5. Transporter 1 Company Name SAFETY-KLEEN CORP. | 6. US EPA ID Number ILD 984908202
7. Transporter 2 Company Name | 8. US EPA ID Number

9. Designed Facility Name and Site Address 000762
SAFETY-KLEEN CORP.
39 COMMUNITY AVE EXT.
PLAINFIELD CT 06374
10. US EPA ID Number CTD 001156009

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. ~~RQ WASTE TETRACHLOROETHYLENE 6.1 UN1897 PG III (F002, D039) (ERG#74) 13 LBS/GAL~~				P	~~F002*~~ ~~D039*~~
b. WASTE TETRACHLOROETHYLENE 6.1 UN1897 PG III (F002, D039) (ERG#74) 13#/GAL FILTERS	2	DM	120	P	F002* D039*
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. ~~D039 D040~~ ~~T, L, RECYCLED~~
b. T, L, RECYCLED
c.
d.

K. Handling Codes for Wastes Listed Above
a. ~~D~~ I
b. B~~C~~ I
c.
d.

15. Special Handling Instructions and Additional Information
9507 77889137 166263 2-118-51-7324 04
EMERGENCY RESP#708-888-4660 24HR. FOR RECYCLE
ITEM K NY=B SKDOT# A: ~~95506~~ B: 95906 C: D:
Box 11a no pick up all information crossed out, 11b crossed out BO.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Stefan Salkin | Signature | DATE: Month 02 Day 15 Year 95

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Robert A Eilert | Signature | DATE: Month 02 Day 15 Year 95

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | DATE: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: David Huey | Signature | DATE: Month 02 Day 20 Year 95

GENERATOR
TRANSPORTER
FACILITY

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

Form Approved. OMB No. 2050-0039. Expires 9-30-96
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>2: FACILITY MAILS TO GENERATOR STATE

2-118-51

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Hazardous Waste MANIFEST PROGRAM
79 Elm St., Hartford, CT 06106-5127

Please type (or print) *(Form designed for use on elite (12-pitch) typewriter.)*

FOR STATE USE ONLY

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. .NYD103734232	Manifest Document No. 6942716	2. Page 1 of 1	Information in the shaded areas is not required by Federal law, but may be required by State law.

3. Generator's Name and Mailing Address
ALL AMERICAN CLNRS
43 LAFAYETTE AVE ATTN STEFAN
SUFFERN NY 10901

4. Generator's Phone (914) 368-0876

A. State Manifest Document Number: CT F0320653

B. S.S.I. (Gen. Site Address): SAME

C. S.T.I. (Transporter): NYL014496

D. Tran. Phone (914) 268-4477

E. S.T.F. (Trans. Lic. Plate #)

F. Tran. Phone ( )

G. State Facility's ID (Not Required)

H. Facility's Phone 203 564-0696

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD984908202

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address 000762
SAFETY-KLEEN CORP.
39 COMMUNITY AVE EXT.
PLAINFIELD CT 06374
10. US EPA ID Number: CTD001156009

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. ~~RQ~~ WASTE TETRACHLOROETHYLENE 6.1 UN1897 PG III (F002, ~~D040~~, D039) (ERG#74)	XX2	DM	XX120	P	EPA F002* STATE D039*
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
~~Empty~~
a. T. L. RECYCLED
b.
c.
d.

K. Handling Codes for Wastes Listed Above

	Interim	Final		Interim	Final
a.	S01	T03	b.		
c.			d.		

15. Special Handling Instructions and Additional Information 9435 1736300 469276 2-118-51-7324 04
FOR RECYCLE NY HANDLING CODE-B
EMERGENCY RESP#1-708-888-4660

Correction Box 11a, Jan 15 MM

SKDOT# A: 906 B Point of Departure: C: D:

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR,** if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Stefan Sullam		08	31	94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DAN BYMAN		08	31	94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
SANDRA MCKENNA	Sandra McKenna	09	02	94

A Form 8700-22 (Rev. 9/91) Form Approved OMB No.2050-0039. Expires 9/30/94. Previous edition is obsolete.

GENERATOR

COPY 2: FACILITY MAILS TO GENERATOR STATE

CT F 0320653

COPY 2: FACILITY MAILS TO GENERATOR STATE

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

2-118-51

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD 103734232
Manifest Document No.: 90263
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ALL AMERICAN CLNRS
43 LAFAYETTE AVE ATTN STEFAN
SUFFERN NY 10901
4. Generator's Phone (914) 368-0876

A. State Manifest Document Number: MA H 063552
B. State Gen. ID: SAME
C. State Trans. ID: NJ6A1498
D. Transporter's Phone: (914) 268-4477
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: (203) 564-0696

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD 984908202
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: 000762
SAFETY-KLEEN CORP.
39 COMMUNITY AVE EXT.
PLAINFIELD CT 06374
10. US EPA ID Number: CTD 001156009

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE TETRACHLOROETHYLENE 6.1 UN1897 PG III (F002, [redacted], D039) (ERG#74)	2	DM	120	P	F002* D039*
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. D007 T. L. RECYCLED
c.
b.
d.

K. Handling Codes for Wastes Listed Above
a. S 0 1
c.
b.
d.

15. Special Handling Instructions and Additional Information
9423 68762905 590263 2-118-51-7324 04
EMERGENCY RESP#708-888-4660 24HR. FOR RECYCLE
ITEM K NY=B SKDOT# A:906 [redacted] B: C: Corrected Box 11 A & D: TA DM

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [illegible] Signature: Stefan Sullam Date: Month 06 Day 17 Year 94

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAN BYRNE Signature: Dan Byrne Date: Month 06 Day 17 Year 94

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: SANDRA McKENNA Signature: Sandra McKenna Date: Month 06 Day 24 Year 94

Form Approved OMB No. 2050-0039. Expires 9-30-94
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>2: FACILITY MAILS TO GENERATOR STATE

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE
One Winter Street Boston, Massachusetts 02108

2-118-51

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD 103734232
Manifest Document No.: 86389
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
ALL AMERICAN CLNRS
43 LAFAYETTE AVE ATTN STEFAN
SUFFERN NY 10901
4. Generator's Phone: 914 368-0876

A. State Manifest Document Number: MA H 073736
B. State Gen. ID: SAME
C. State Trans. ID: NYGA1498
D. Transporter's Phone: (914) 268-4477
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: NOT REQUIRED
H. Facility's Phone: (203) 564-0696

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD 984908202
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: 000762
SAFETY-KLEEN CORP.
39 COMMUNITY AVE EXT.
PLAINFIELD CT 06374
10. US EPA ID Number: CTD 001156009

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE TETRACHLORDETHYLENE 6.1 UN1897 PG III (F002, D039) (ERG#74)	2	DM	60	P	F002* D039*
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code)
a. T. L. RECYCLED
c.
b.
d.

K. Handling Codes for Wastes Listed Above
a. B
c.
b.
d.

15. Special Handling Instructions and Additional Information: 9419 67714592 286389 2-118-51-7324 04
***CT INVENTORY DEPLETED(N. DICKMAN AUTH MA USAGE)
ITEM K NY=B 708-888-4663 SKDOT# A: 506 B: C: D:
emerg. resp 24 hours

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Stefan Sullam
Signature:
Date: Month 05 Day 12 Year 94

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAN BYMAN
Signature:
Date: Month 05 Day 12 Year 94

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: Sandra McKenna
Signature: Sandra McKenna
Date: Month 05 Day 17 Year 94

In case of emergency or spill, immediately call the National Response Center (800) 424-8802.

Form Approved OMB No. 2050-0039 Expires 9-30-94
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY>2: FACILITY MAILS TO GENERATOR STATE

EPHM-2 REV. 9/91

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Hazardous Waste MANIFEST PROGRAM, State Office Building
Hartford, CT 06106

2-118-51

Please type (or print) *(Form designed for use on elite (12-pitch) typewriter.)*

FOR STATE USE ONLY

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. / Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law, but may be required by State law.
	N.Y.D.1.0.3.7.3.4.2.3.2 10784		

3. Generator's Name and Mailing Address: ~~SUFFERN CLEANS~~ All-American Cleaners
43 LAYFAYETTE AVE
SUFFERN NY 10901

4. Generator's Phone (914) 368-6876

A. State Manifest Document Number: **CT F 0307981**

B. G.S.I. (Gen. Site Address): SAME

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: I L D 9 8 4 9 0 8 2 0 2

C. S.T.I. (Trans. Lic. Plate #): NY4A498

7. Transporter 2 Company Name:
8. US EPA ID Number:

D. Tran. Phone (914) 268-4477

E. S.T.I. (Trans. Lic. Plate #):

F. Tran. Phone ( ):

9. Designated Facility Name and Site Address: SAFETY-KLEEN CORP. 000762
785 NORWICH RD
PLAINFIELD CT 06374

10. US EPA ID Number: C T D 0 0 1 1 5 6 0 0 9

G. State Facility's ID (Not Required): SAME

H. Facility's Phone: 203 564-0696

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE TETRACHLOROETHYLENE 6.1 UN1897 PG III (F002, D039) (ERG#74)	001	DF	x+195	P	EPA F002* STATE D039*
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
a. T, L, RECYCLED
b.
c.
d.

K. Handling Codes for Wastes Listed Above

	Interim	Final		Interim	Final
a.	~~S01~~ B	~~T03~~	c.		
b.			d.		

15. Special Handling Instructions and Additional Information: 9411 65724692 670784 2-118-51-7324 04
FOR RECYCLE NY HANDLING CODE-B
EMERGENCY RESP#1-708-888-4660
SKDOT# A: 506 B: C: D:

Point of Departure: 66382045

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR**, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Stefan Sallin		03	18	94

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DAN Byman		03	18	94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space: Correction Box 3 DH.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
David Hoey		03	21	94

EPA Form 8700-22 (Rev. 9/91) Form Approved OMB No. 2050-0039. Expires 9/30/94. Previous edition is obsolete.

IN THE EVENT OF A SPILL, CONTACT THE NATIONAL RESPONSE CENTER, U.S. COAST GUARD 1-800-424-8802. FOR SPILLS WITHIN CONNECTICUT, CONTACT CT DEP - OIL AND CHEMICAL SPILL RESPONSE AT (203) 566-3338.

GENERATOR

COPY 2: FACILITY MAILS TO GENERATOR STATE

CT F 0307981

COPY 2: FACILITY MAILS TO GENERATOR STATE

EPHM-2 REV. 9/9'

2-118-01

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Hazardous Waste MANIFEST PROGRAM, State Office Building
Hartford, CT 06106

Please type (or print) *(Form designed for use on elite (12-pitch) typewriter.)*

FOR STATE USE ONLY

FOR SPILLS WITHIN CONNECTICUT, CONTACT CT DEP EMERGENCY RESPONSE AT (203) 566-3338. IN THE EVENT OF A SPILL AND CHEMICAL SPILL RESPONSE CENTER, U.S. COAST GUARD 1-800-424-8802.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NYD 103.734.232	Manifest Document No. 92680	2. Page 1 of 1	Information in the shaded areas is not required by Federal law, but may be required by State law.

3. Generator's Name and Mailing Address
Suffern Cinrs
43 Lafayette Ave Suffern NY 10901

4. Generator's Phone (914) 368-6876

A. State Manifest Document Number: CT F 0219365

B. G.S.I. (Gen. Site Address): SAME

5. Transporter 1 Company Name: SAFETY-KLEEN CORP.
6. US EPA ID Number: I L D 9 8 4 9 0 8 2 0 2

7. Transporter 2 Company Name
8. US EPA ID Number

C. S.T.I. (Trans. Lic. Plate #) NYGA1498
D. Tran. Phone (914) 268-4477
E. S.T.I. (Trans. Lic. Plate #)
F. Tran. Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP 0-007-62
785 NORWICH ROAD
PLAINFIELD CT 06374

10. US EPA ID Number: C T D 0 0 1 1 5 6 0 0 9

G. State Facility's ID (Not Required) PO BOX
H. Facility's Phone 203 564-0696

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. ~~RQ WASTE TETRACHLOROETHYLENE 9, 1 UN1897 PG III (F002)(ERG#74)~~		DM		P	EPA ~~F002~~ STATE ~~D039~~
b. RQ WASTE combustible Liquid NOS NA1993 PG III (D001, D039) ERG #27	0.03	DM	xx303	P	EPA D001 STATE D039
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
~~T, L RECYCLED~~
a.
b. T, L, Recycled
c.
d.

K. Handling Codes for Wastes Listed Above

	Interim	Final		Interim	Final
a.	~~S01~~		c.		
b.	~~S01~~ T03		d.		

15. Special Handling Instructions and Additional Information
EMERGENCY RESP# 1-708-888-4660 24HR 2-118-51-7324 PP- M92680
ITEM-K(A) NY=B
SKOOT# A: ~~506~~ B: 506 C: D:
Point of Departure: 6/25/1/80

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

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GENERATOR

Printed/Typed Name: Stefan Sullan — Signature — Month 1.1 Day 23 Year 93

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: DAN Byman — Signature — Month 1.1 Day 23 Year 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month . Day . Year .

FACILITY

19. Discrepancy Indication Space Box 11a no pickup all information crossed out. D.H.
Added information in section C

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: David Hoey — Signature — Month 1.1 Day 26 Year 93

EPA Form 8700-22 (Rev. 9/91) Form Approved OMB No.2050-0039. Expires 9/30/94. Previous edition is obsolete.

COPY 2: FACILITY MAILS TO GENERATOR STATE

COPY 2: FACILITY MAILS TO GENERATOR STATE

CT F 0219365

48-14-1 (9/86)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30 91

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Environmental Conservation (518) 457-7362.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD 103734232
Manifest Document No.: 57122

2. Page 1 of 1 — Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLEANERS
43 LAFAYETTE AVE
SUFFERN, NY 10901 (914)357-1128

A. State Manifest Document Number: NYC 137446-7

B. Generator's ID: SAME

4. Generator's Phone ( )

5. Transporter 1 (Company Name): SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD051060408
C. State Transporter's ID: CR7085
D. Transporter's Phone (914-268-4477

7. Transporter 2 (Company Name)
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE.
CONGERS, NY 10920
10. US EPA ID Number: 2-118-51 / NYD000708164
G. State Facility's ID
H. Facility's Phone: (914-268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. X R Q WASTE PERCHLORETHYLENE ORM-A NA1897 (F002) (ERG #74)	1	DF	195	P	F002
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a
b
c
d

K. Handling Codes for Wastes Listed Above
a: B
b:
c:
d:

15. Special Handling Instructions and Additional Information
2-118-51-0000, INV.# MS7122 WEEK 92-14
EMERG. RESP. # 1-708-888-4660
SKDOT# A: 506 B: C: D:

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Tom Bell — Signature — Mo. Day Year: 04 03 92

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: Steve Jones — Signature — Mo. Day Year: 04 03 92

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name — Signature — Mo. Day Year

FACILITY

19. Discrepancy Indication Space
Tom C - CR7085

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: Richard Martin — Signature — Mo. Day Year: 04 03 92

NYC 137446-7

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (4/85)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved. OMB No. 2000-0404. Expires 7-31-86

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD 103734232 — Manifest Document No. 968588

2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
Suffern Clnrs.
43 LaFayette Ave., Suffern, NY 10901-5405

4. Generator's Phone (914 857-1128

A. State Manifest Document No. NY A 312131 2

B. Generator's ID

5. Transporter 1 (Company Name) Safety-Kleen Corp.

6. US EPA ID Number I L D 0 0 0 8 0 5 9 1 1

C. State Transporter's ID IL009

D. Transporter's Phone 914) 268-4477

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
Safety-Kleen Corp.
68 N. Harrison Avenue
Congers, NY 10920

10. US EPA ID Number N Y D 0 0 0 7 0 8 1 6 4

G. State Facility's ID

H. Facility's Phone (914) 268-4477

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Perchloroethylene, ORM-A, UN1897	1	DM	130	P	F 0 0 2
b.					
c.					
d.					

J. Additional Descriptions for Materials listed Above

a

b

c

d

K. Handling Codes for Wastes Listed Above

a. R b. c. d.

15. Special Handling Instructions and Additional Information
Week #43
Customer #2-118-51-3010
Preprint #968588
Territory #52

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002 (b) of RCRA, I also certify that I have a program in place to reduce volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name: LEONARD FALK — Signature: [signature] — Mo. Day Year: 10 29 86

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: JOE GUENTHER — Signature: [signature] — Mo. Day Year: 10 29 86

18. Transporter 2 (Acknowledgement or Receipt of Materials)

Printed/Typed Name — Signature — Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Edward Fries — Signature: [signature] — Mo. Day Year: 10 29 86

EPA Form 8700-22 (Rev. 4-85) Previous edition is obsolete.

COPY 1—Disposer State—Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

02325RV3

NY A 312131 2

48-14-1 (4/85)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved. OMB No. 2000-0404. Expires 7-31-86

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD103734283 — Manifest Document No. BB2444

2. Page 1 of 1 — Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
Suffern Cleaners
43 Lafayette Ave., Suffern, NY 10901-5405

4. Generator's Phone 914 357-1128

A. State Manifest Document No. NY A 385068 3

B. Generator's ID

5. Transporter 1 (Company Name) Safety-Kleen Corp. — 6. US EPA ID Number ILD000805911

C. State Transporter's ID TL009

D. Transporter's Phone 914 268-4477

7. Transporter 2 (Company Name) — 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
Safety-Kleen Corp.
68 N. Harrison Avenue
Congers, NY 10920 — 10. US EPA ID Number NYD000703164

G. State Facility's ID

H. Facility's Phone (845) 268-4477

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Perchloroethylene, ORM-A, UN1897	1	DF	130	P	[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials listed Above
a
b
c
d

K. Handling Codes for Wastes Listed Above
a
b
c
d

15. Special Handling Instructions and Additional Information
Customer #2-118-51-3010
Preprint #352244
Territory #52

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002 (b) of RCRA, I also certify that I have a program in place to reduce volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name: EDWARD FALK — Signature: [signature] — Mo. Day Year: 12 03 86

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: JOE GUENTHER — Signature: [signature] — Mo. Day Year: 12 03 86

18. Transporter 2 (Acknowledgement or Receipt of Materials)
Printed/Typed Name — Signature — Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Edward Fries — Signature: Edward Fries — Mo. Day Year: 12 03 86

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

EPA Form 8700-22 (Rev. 4-85) Previous edition is obsolete. COPY 2—Generator State—mailed by TSD facility

NY A 385068 3

52525RV-3

48-14-1 (9/86)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD103734228 Manifest Document No. 2813214

2. Page 1 of 1 — Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE SUFFERN NY 10901

A. State Manifest Document Number NY A 667494 0

4. Generator's Phone (914) 357-1128

B. Generator's ID

5. Transporter 1 (Company Name) SAFETY-KLEEN CORP.

6. US EPA ID Number ILD000805911

C. State Transporter's ID NYACHV4

D. Transporter's Phone (914) 268-4477

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
62 N HARRISON AVE
CONGERS NY 10920

10. US EPA ID Number NYD000708164

G. State Facility's ID

H. Facility's Phone (914) 268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE PERCHLOROETHYLENE ORM-A UN1897 (EPA TOXICITY F002)	1	DT	195	P	F002
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

a H c

b d

15. Special Handling Instructions and Additional Information

NY CUSTOMER 2-118-51-3010 PREPRINT 028204 TERRITORY 52 TRANSPORT #23813

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: EDWARD FALK — Signature — Mo. Day Year: 05 22 87

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: JOE GUENTHER — Signature — Mo. Day Year: 05 22 87

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name — Signature — Mo. Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name: EDWARD W PRIES — Signature: Edward W Pries — Mo. Day Year: 05 22 87

NY A 667494 0

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the U.S. Department of Transportation (202) 426-2075.

48-14-1 (9/86)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 3114516

2. Page 1 of | Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
GUFFEIN CLOTHS
43 LAFAYETTE AVE
GUFFEIN NY 10901-5435

A. State Manifest Document Number NY A 663708 3

B. Generator's ID

4. Generator's Phone (914) 357-1120

5. Transporter 1 (Company Name) | 6. US EPA ID Number
SAFETY-KLEEN-CORP. | [illegible]

C. State Transporter's ID NY ARXFV

D. Transporter's Phone 914263-4477

7. Transporter 2 (Company Name) | 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
SOUTH HARRISON AVE
GUFFEIN NY 10920

10. US EPA ID Number
NYD980730464

G. State Facility's ID

H. Facility's Phone
(914)268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. WASTE PERCHLOROETHYLENE, UN1897	1	DF	195	P	F032
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
2-110-91-3010 BPT
701456
TURB 82 WK 0724
TRANSPORT #23813

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: ANITA FALK | Signature: Anita Falk | Mo. 04 Day 20 Year 87

TRANSPORTERS

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: JOE GUENTHER | Signature: J Guenther | Mo. 04 Day 20 Year 87

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name | Signature | Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: EDWARD FRIES | Signature: Edward Fries | Mo. 04 Day 20 Year 87

NY A 663708 3

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete. **COPY 2-Generator State-mailed by TSD facility**

48-14-1 (9/86)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

A. State Manifest Document Number: NY A 660403 1

B. Generator's ID

5. Transporter 1 (Company Name) | 6. US EPA ID Number

C. State Transporter's ID: NYALGTT

D. Transporter's Phone ( )

7. Transporter 2 (Company Name) | 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address | 10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone ( )

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	1	DF	195		
b.					
c.					
d.					

GENERATOR

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

a | c | a | c

b | d | b | d

15. Special Handling Instructions and Additional Information

TRANSFER #23813

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name: EDWARD FALK | Signature | Mo. 03 Day 10 Year 87

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: D. GUENTHER | Signature | Mo. 03 Day 10 Year 87

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name | Signature | Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Edward FRIES | Signature: Edward Fries | Mo. 03 Day 10 Year 87

NY A 660403 1

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Transportation (518) 457-7933.

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/86)—7f

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved. OMB No. 2050-0039. Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. | Manifest Document No. 192176 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
Suffern Cleaners
43 Lafayette Ave., Suffern, NY 10901-5405
4. Generator's Phone 914 357-1128

A. State Manifest Document No. NY A 559673 4
B. Generator's ID

5. Transporter 1 (Company Name) | 6. US EPA ID Number
Safety-Kleen Corp. | NYD 0 0 8 0 1 5 9 1 1

C. State Transporter's ID 22-63-60 NY
D. Transporter's Phone 914 268-4477

7. Transporter 2 (Company Name) | 8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
Safety-Kleen Corp.
68 N. Harrison Avenue
Congers, NY 10920

10. US EPA ID Number
N Y D 0 0 7 0 8 1 1 6 1 4

G. State Facility's ID
H. Facility's Phone (914) 268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Perchloroethylene, ORM-A, UN1897	1 1	DM	130	P	F002
b.					
c.					
d.					

J. Additional Descriptions for Materials listed Above
a
b
c
d

K. Handling Codes for Wastes Listed Above
a
b
c
d

15. Special Handling Instructions and Additional Information
Customer #2-118-51-3010
Preprint #064958
~~Territory #52~~

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Mo.	Day	Year
Edward Fries	Edward Fries	09	13	87

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
Dan Byman	Dan Byman	09	13	87

18. Transporter 2 (Acknowledgement or Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Edward Fries	Edward Fries	09	13	87

NY A 559673 4

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 2—Generator State—mailed by TSD facility

DESIGNATED FACILITY

In case of emergency or spill immediately call the National Response Center (NRC) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

48-14-1 (9/86)—7f

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved. OMB No. 2050-0039. Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. NYD107734232 Manifest Document No. 2810410

2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE SUFFERN NY 10901

4. Generator's Phone (914) 357-1128

A. State Manifest Document No. NY A 550537 2

B. Generator's ID

5. Transporter 1 (Company Name) SAFETY-KLEEN CORP.

6. US EPA ID Number ILD000805911

C. State Transporter's ID

D. Transporter's Phone (914) 268-4477

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS NY 10920

10. US EPA ID Number NYD000708164

G. State Facility's ID

H. Facility's Phone (914) 268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE PERCHLOROETHYLENE ORM-A UN1897 (EPA TOXICITY F002)	1	DF	195	P	F002
b.					
c.					
d.					

J. Additional Descriptions for Materials listed Above

K. Handling Codes for Wastes Listed Above
a. R c.
b. d.

15. Special Handling Instructions and Additional Information

NY CUSTOMER 2-118-51-3010 PREPRINT 328040 TERRITORY 52

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Mo.	Day	Year
LEONARD FALK	Leonard Falk	06	20	87

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
Joe Gentile	Joe Gentile	06	20	87

18. Transporter 2 (Acknowledgement or Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Edward Fries	Edward Fries	06	20	87

TRANSPORTER

FACILITY

NY A 550537 2

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (800) 457-7362.

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1—Disposer State—mailed by TSD facility

48-14-1 (9/86)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Exp. 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD103734232 | Manifest Document No. 012612 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

4. Generator's Phone (914) 357-1128

A. State Manifest Document Number NY A 887732-8

B. Generator's ID

5. Transporter 1 (Company Name) SAFETY-KLEEN-CORP. | 6. US EPA ID Number ILD051060408

C. State Transporter's ID ANSLY

D. Transporter's Phone (914268-4477

7. Transporter 2 (Company Name) | 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number NYD000708164

G. State Facility's ID

H. Facility's Phone (914268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. RQ, WASTE PERCHLOROETHYLENE, ORM-A, UN1897 (EPA, TOXICITY, F002)	1	DF	195	P	F002
b.					
c. NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED					
d. WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED; TETRACHLOROETHYLENE(0.05 PPM).					

J. Additional Descriptions for Materials Listed Above

a | c

b | d

K. Handling Codes for Wastes Listed Above

a R | c

b | d

15. Special Handling Instructions and Additional Information

23813

2-118-51-3010 8PT
802624
TERR 52 WK 8815

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name LEONARD FALK | Signature Leonard Falk | Mo. 4 Day 25 Year 88

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name Dan Byrne | Signature Dan Byrne | Mo. 4 Day 29 Year 88

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name | Signature | Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name Edward FRIES | Signature Edward Fries | Mo. 04 Day 29 Year 88

NY A 887732-8

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

46-14-1 (9/86)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD103734232 | Manifest Document No.: 807144

2. Page 1 of 1 | Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

4. Generator's Phone (914 357-1128)

A. State Manifest Document Number: NY A 873730-1

B. Generator's ID

5. Transporter 1 (Company Name): SAFETY-KLEEN-CORP.

6. US EPA ID Number: ILD051060408

G. State Transporter's ID: XL 90NX

D. Transporter's Phone (914268-4477

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number: NYDOD9708164

G. State Facility's ID

H. Facility's Phone: (914268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. RQ, WASTE PERCHLOROETHYLENE, ORM-A, UN1897 (EPA, TOXICITY, F002)	001	DF	001,95	P	F002
b.					
c. NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED					
d. WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED; TETRACHLOROETHYLENE(0.05 PPM).					

J. Additional Descriptions for Materials Listed Above

a | c

b | d

K. Handling Codes for Wastes Listed Above

a: R | c:

b: | d:

15. Special Handling Instructions and Additional Information

2-118-51-3010 8PT
480744
TERR 52 WK 8811

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: (X) LEONARD FALK | Signature: Leonard Falk | Mo. Day Year: 10 31 24 88

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: Joe Baker | Signature: Joe Baker | Mo. Day Year: 10 31 24 88

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name | Signature | Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Edward FRIES | Signature: Edward Fries | Mo. Day Year: 03 24 88

NY A 873730-1

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

48-14-1 (9/86)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD103734832 | Manifest Document No.: 171131 2

2. Page 1 of 1 | Information in the shaded areas is not required by Federal Law

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

4. Generator's Phone (914) 357-1128

A. State Manifest Document Number: NY A 869967-9

B. Generator's ID

5. Transporter 1 (Company Name): SAFETY-KLEEN-CORP. | 6. US EPA ID Number: ILD051060408

C. State Transporter's ID: NY4862AG

D. Transporter's Phone (914268-4477

7. Transporter 2 (Company Name) | 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number: NYD000708164

G. State Facility's ID

H. Facility's Phone: (914268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. RQ, WASTE PERCHLOROETHYLENE, ORM-A, UN1897 (EPA, TOXICITY, F002)	1	DF	195	P	F002
b.					
c. NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED					
d. WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE(0.05 PPM).					

J. Additional Descriptions for Materials Listed Above

a | c

b | d

K. Handling Codes for Wastes Listed Above

a		c	
b		d	

15. Special Handling Instructions and Additional Information

23807

2-118-51-3010 8PT
171122
TERR 52 WK 8807

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name: EDWARD FALK | Signature: Edward Falk | Mo. Day Year: 10 21 88

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: CLAUDE HAVENER | Signature: Claude Havener | Mo. Day Year: 10 21 88

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name | Signature | Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name: EDWARD FRIES | Signature: Edward Fries | Mo. Day Year: 10 21 88

NY A 869967-9

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/86)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039 Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD103734232 | Manifest Document No. 862253

2. Page 1 of 1 | Information in the shaded areas is not required by Federal Law

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

A. State Manifest Document Number NY A 865054-1

B. Generator's ID

4. Generator's Phone (914) 357-1128

5. Transporter 1 (Company Name) SAFETY-KLEEN-CORP.

6. US EPA ID Number ILD051060408

C. State Transporter's ID NJAR4514

D. Transporter's Phone (914)268-4477

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number NYD000708164

G. State Facility's ID

H. Facility's Phone (914)268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, WASTE PERCHLOROETHYLENE, ORM-A, UN1897 (EPA, TOXICITY, F002)	1	DF	15	P	F002
b.					
c. NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED					
d. WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED; TETRACHLOROETHYLENE(0.05 PPM).					

J. Additional Descriptions for Materials Listed Above

a | c

b | d

K. Handling Codes for Wastes Listed Above

a R | c

b | d

15. Special Handling Instructions and Additional Information

EPA-2383

2-118-51-3010 8PT
862253
TERR 52 WK 8803

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
LEONARD FALK	Leonard Falk	01	12	88

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
DAN BYRNE	Dan Byrne	01	12	88

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Edward Fries	Edward Fries	01	12	88

GENERATOR | TRANSPORTER | FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

NY A 865054-1

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

4 9-14-1 (9/86)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-88

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NYD103736232	Manifest Document No. Q178975	2. Page 1 of 1	Information in the shaded areas is not required by Federal Law.

GENERATOR

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

A. State Manifest Document Number: NY A 884326-4

B. Generator's ID: 90591-GS

4. Generator's Phone (914) 357-1128

5. Transporter 1 (Company Name): SAFETY-KLEEN-CORP.

6. US EPA ID Number: ILD051060408

C. State Transporter's ID

D. Transporter's Phone 914268-4477

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number: NYD000708164

G. State Facility's ID

H. Facility's Phone: 914268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, WASTE PERCHLOROETHYLENE, ORM-A, UN1897 (EPA, F002) 506	1	DM	195	P	F002
b.					
c. NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED					
d. WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED; TETRACHLOROETHYLENE(0.05 PPM).					

J. Additional Descriptions for Materials Listed Above

a. c.

b. d.

K. Handling Codes for Wastes Listed Above

a. R c.

b. d.

15. Special Handling Instructions and Additional Information

2-118-51-3010 8PT
429895
TERR 5002 WK 8823

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name: LEONARD FALK — Signature — Mo. Day Year: 6/1/5[illegible]

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: Peter Flynn — Signature — Mo. Day Year: 6/1/88

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name — Signature — Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Edward Fries — Signature: Edward Fries — Mo. Day Year: 06/1/88

NY A 884326-4

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/86)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039. Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD103734232 | Manifest Document No.: 113901 5T

2. Page 1 of 1 | Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

4. Generator's Phone (914 357-1128

A. State Manifest Document Number: NY A 888983-8

B. Generator's ID

5. Transporter 1 (Company Name): SAFETY-KLEEN-CORP.

6. US EPA ID Number: ILD051060408

C. State Transporter's ID: NJ 630196C

D. Transporter's Phone (914268-4477

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number: NYD000708164

G. State Facility's ID

H. Facility's Phone: (914268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. RQ, WASTE PERCHLOROETHYLENE, ORM-A, UN1897 (EPA, TOXICITY, F002)	1	DF	195	P	F002
b.					
c. NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED					
d. WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE(0.05 PPM).					

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

a	c	a: R	c
b	d	b	d

15. Special Handling Instructions and Additional Information

EPA # 23804

2-118-51-3010 8PT
113905
TERR 5002 WK 8819

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
LEONARD FALK		05	13	88

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
Anthony Silvestri		05	13	88

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Edward Fries	Edward Fries	05	13	88

NYA 888983-8

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/83)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

Please print or type.

P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039, Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NYD103734232	Manifest Document No. 617913 9	2. Page 1 of 1	Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

4. Generator's Phone (914 357-1128

A. State Manifest Document Number NY 860615-8

B. Generator's ID

5. Transporter 1 (Company Name) SAFETY-KLEEN-CORP.

6. US EPA ID Number ILD051060408

C. State Transporter's ID ARASNW

D. Transporter's Phone (914)268-4477

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number NYD000708164

G. State Facility's ID

H. Facility's Phone (914)268-4477

	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a.	RQ, WASTE PERCHLOROETHYLENE, ORM-A, UN1897 (EPA, TOXICITY, F002)	001	DM	055	P	F002
b.						
c.	NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED					
d.	WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE(0.05 PPM).					

J. Additional Descriptions for Materials Listed Above

a | c

b | d

K. Handling Codes for Wastes Listed Above

a [R] | c [ ]

b [ ] | d [ ]

15. Special Handling Instructions and Additional Information

2-118-51-3010 8PT
567939
TERR 52 WK 8751

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
MARY ANTONSEN	Mary Antonsen	12	22	87

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
DAN BYRNE	Dan Byrne	12	22	87

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

Item 12 Container #1

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Edward FRIES	Edward Fries	12	22	87

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7932.

NYA 860615-8

48-14-1 (9/86)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD103734232 — Manifest Document No. 310863

2. Page 1 of 1 — Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

4. Generator's Phone (914) 357-1128

A. State Manifest Document Number NY A [illegible]

B. Generator's ID

5. Transporter 1 (Company Name) SAFETY-KLEEN-CORP. — 6. US EPA ID Number ILD051060408

C. State Transporter's ID AR4514NY

D. Transporter's Phone 914268-4477

7. Transporter 2 (Company Name) — 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number NYD000708164

G. State Facility's ID

H. Facility's Phone 914268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, WASTE PERCHLOROETHYLENE, CRM-A, UN1897 (EPA, TOXICITY, F002)	1	DF	195	P	F002
b.					
c. NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED					
d. WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED; TETRACHLOROETHYLENE(0.05 PPM).					

J. Additional Descriptions for Materials Listed Above
a
b
c
d

K. Handling Codes for Wastes Listed Above
a: R
b:
c:
d:

15. Special Handling Instructions and Additional Information
2-118-51-3010 8PT
930863
TERR 52 WK 8743
#23813

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
EDWARD FALK	Edward Falk	10	30	87

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
D.W. BYRNE	Dan Byrne	10	30	87

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Item 13 - Should READ 195, Total Quantity

20. Facility Owner or Operator: Certification of receipt of the hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Edward FRIES	Edward Fries	10	30	87

NYA 6842474

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/83)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD103734236 — Manifest Document No. 211741O

2. Page 1 of 1 — Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
49 LAFAYETTE AVE
SUFFERN NY 10901-5405

A. State Manifest Document Number NY [illegible]

B. Generator's ID

4. Generator's Phone (914) 357-1128

5. Transporter 1 (Company Name) SAFETY-KLEEN-CORP. — 6. US EPA ID Number ILD051060408 — C. State Transporter's ID NYA6815

7. Transporter 2 (Company Name) — 8. US EPA ID Number — D. Transporter's Phone (914)268-4477 — E. State Transporter's ID — F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number NYD000708164 — G. State Facility's ID — H. Facility's Phone (914)268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. RQ, WASTE PERCHLOROETHYLENE, ORM-A, UN1897 (EPA, TOXICITY, F002)	1	DT	185	P	F002
b.					
c. NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED					
d. WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED; TETRACHLOROETHYLENE(0.05 PPM).					

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

a	c	a: R	c
b	d	b	d

15. Special Handling Instructions and Additional Information

2-118-51-3010 8PT
421740
TERR 52 WK 8739

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: LEONARD FALK — Signature: Leonard Falk — Mo. Day Year: 1/19/87

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: JOE GUENTHER — Signature: [signature] — Mo. Day Year: 1/01/87

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name — Signature — Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Edward Fries — Signature: Edward Fries — Mo. Day Year: 1/01/87

NYA 6818321

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/86)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD013734432 — Manifest Document No. 27312

2. Page 1 of 1 — Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

A. State Manifest Document Number NY 670732 7

B. Generator's ID

4. Generator's Phone (914) 357-1128

5. Transporter 1 (Company Name) — SAFETY-KLEEN-CORP. — 6. US EPA ID Number ILD000805911

C. State Transporter's ID NYA4474

D. Transporter's Phone (914)268-4477

7. Transporter 2 (Company Name) — 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number NYD000708164

G. State Facility's ID

H. Facility's Phone (914)268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. RQ, WASTE PERCHLOROETHYLENE, ORM-A, UN1897 (EPA, TOXICITY, F002)	1	DT	1.95	P	F002
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

a | c

b | d

K. Handling Codes for Wastes Listed Above

a: R | c:

b: | d:

15. Special Handling Instructions and Additional Information

2-118-51-3010 SPT
627312
TERR 52 WK 8726

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name: MARY ANTONACCI — Signature: Mary Antonacci — Mo. 07 Day 13 Year 87

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: JOE GUENTHER — Signature: Joe Guenther — Mo. 07 Day 13 Year 87

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name — Signature — Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Edward FRIES — Signature: Edward Fries — Mo. 07 Day 13 Year 87

NYA 670732 7

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Environmental Conservation (518) 457-7362.

NYS-14-1 (9/86)

2-118-51

STATE OF NEW YORK already exists
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

G-NOF-M

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal Law.
	NYD 103734232	62314	1	

3. Generator's Name and Mailing Address	A. State Manifest Document Number
SUFFERN CLNRS 43 LAFAYETTE AVE SUFFERN NY 10901 4. Generator's Phone (914 357-1128	NY C 034962-6
	B. Generator's ID SAME
5. Transporter 1 (Company Name) / 6. US EPA ID Number SAFETY-KLEEN CORP. / ILD 051060408	C. State Transporter's ID AR4514
	D. Transporter's Phone (914) 268-4477
7. Transporter 2 (Company Name) / 8. US EPA ID Number	E. State Transporter's ID
	F. Transporter's Phone ( )
9. Designated Facility Name and Site Address / 10. US EPA ID Number SAFETY-KLEEN CORP. 2-118-51 68 N HARRISON AVE CONGERS, NY 10920 NYD 000708164	G. State Facility's ID
	H. Facility's Phone (914) 268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. RQ WASTE PERCHLOROETHYLENE ORM-A NA1897 (F002)(ERG #74)	1	DF	50	P	F002
b.					
c.					
d.					

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE (0.05 PPM).	K. Handling Codes for Wastes Listed Above
	a. B c.
	b. d.

15. Special Handling Instructions and Additional Information 9027 17049164 962314 2-118-51-6026 23

EMERGENCY RESP#1-708-888-4660

SKDOT# A: 506 B: C: D:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
MARY ANTONELLI	Mary Antonelli	07	02	90

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
Charles Fiscella	Charles Fiscella	07	02	90

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Richard Martin	Richard Martin	07	02	90

NY C 034962-6

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

80-14.1 (9/86)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-91

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Environmental Conservation (518) 457-7362.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NYD 103734232	Manifest Document No. 312288	2. Page 1 of 1	Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLEANERS
43 LAFAYETTE AVE
SUFFERN. N.Y. 10901
4. Generator's Phone (914) 357 — 1128

A. State Manifest Document Number: NY C 054935-8
B. Generator's ID: SAME

5. Transporter 1 (Company Name): SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD051060408
C. State Transporter's ID: ARYS14
D. Transporter's Phone (914-268-4477

7. Transporter 2 (Company Name)
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE.
CONGERS, NY 10920
10. US EPA ID Number: 2-118-51 / NYD000708164
G. State Facility's ID
H. Facility's Phone: (914-268-4477

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. X R Q WASTE PERCHLORETHYLENE ORM-A NA1897 (F002) (ERG #74)	1	DF	195	P	F002
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a. NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS "WASTE PERCHLORETHYLENE" IS A RESTRICTED WASTE.
b. THE WASTE CONTAINS THE FOLLOWING CONSTITUENTS WHOSE TREATMENT STANDARDS ARE NOTED: TETRACHLORETHYLENE (.05PPM)

K. Handling Codes for Wastes Listed Above
a. B
c.
b.
d.

15. Special Handling Instructions and Additional Information
2-118-51-0000, INV.# M71869, WEEK
EMERG. RESP. # 1-708-888-4660
SKDOT# A: 506 B: C: D:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
Tom Bell		11	7	90

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
Chuck Bacchi		11	21	90

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name	Signature	Mo.	Day	Year
Richard Martin	Richard Martin	11	21	90

NYC 054935-8

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/86)

2-118-51

Please print or type

UNIFORM HAZARDOUS WASTE MANIFEST | NYD 103734232 | 16966 | 1

NY C 005513-5

SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901
914 357-1128

SAME

LN3862
914 268-4477

SAFETY-KLEEN CORP. | ILD 051060408

SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920

2-118-51
NYD 000708164
914 268-4477

GENERATOR

2 RQ WASTE PERCHLOROETHYLENE
ORM-A UN1897 (EPA F002)

1 OF 195 P F002

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DECSRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE (0.05 PPM).

R

15. Special Handling Instructions and Additional Information: 9003 12278495 016966 2-118-51-6026 23

SKDOT# A: 506 B: C: D:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations and state laws and regulations.

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Printed/Typed Name: Tom Bey | Signature | Mo. 01 Day 15 Year 90

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: Chuck Laudi | Signature | Mo. 01 Day 15 Year 90

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name | Signature | Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: Richard Martin | Signature | Mo. 01 Day 15 Year 90

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Environmental Conservation (518) 457-7362.

NY C 005513-5

48-14-1 (9/86)

2-118-51

Please print or type

UNIFORM HAZARDOUS WASTE MANIFEST

NYD 103734232 | 24136 | 1

NY C 009306-9

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901

4. Generator's Phone 914 357-1128

SAME

5. Transporter 1 (Company Name) | 6. US EPA ID Number | NJAR4514
SAFETY-KLEEN CORP. | ILD 051060408 | 914 268-4477

7. Transporter 2 (Company Name) | 8. US EPA ID Number

9. Designated Facility Name and Site Address | 10. US EPA ID Number
SAFETY-KLEEN CORP. 2-118-51
68 N HARRISON AVE
CONGERS, NY 10920 | NYD 000708164 | 914 268-4477

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	Waste No.
GENERATOR a.	RQ WASTE PERCHLOROETHYLENE ORM-A NA1897 (F002)(ERG #74)	1	DM	60	P	F002
b.						
c.						
d.						

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DECSRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE (0.05 PPM).

12. Handling Codes for Wastes Listed Above: a. R b. c. d.

15. Special Handling Instructions and Additional Information
9007 13089552 324136 2 8-51-6026 23

EPA# 23813

SKDOT# A: 506 B: C: D:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
Tom Ben		02	19	90

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
Vic Silvestri		02	19	90

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

note Item B should show "same"

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Richard Martin	Richard Martin	02	19	90

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete

COPY 1-Disposer State-Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Environmental Conservation (518) 457-7362.

NY C 009306-9

48-14-1 (9/86)

2-118-51

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of
	NYD 103734232	31461	1

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901

A. State Manifest Document Number
NY C 016595-8

4. Generator's Phone ( )
914 357-1128

B. State Generator's ID
SAME

5. Transporter 1 (Company Name) | 6. US EPA ID Number | C. State Transporter's ID | D. Transporter's Phone
SAFETY-KLEEN CORP. | ILD 051060408 | AR 4514 | 914 268-4477

7. Transporter 2 (Company Name) | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address | 10. US EPA ID Number | G. State Facility's ID | H. Facility's Phone
SAFETY-KLEEN CORP. 2-118-51
68 N HARRISON AVE
CONGERS, NY 10920 NYD 000708164 914 268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Waste No.
GENERATOR a. RQ WASTE PERCHLOROETHYLENE ORM-A NA1897 (F002)(ERG #74)	1 OF 195	P			F002
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DECSRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE (0.05 PPM).

K. Handling Codes for Wastes Listed Above
a. R b. c. d.

15. Special Handling Instructions and Additional Information
9011 13869714 631461 2-118-51-6026 23

EMERGENCY RESP#1-708-888-4660

SKDOT# A: 506 B: C: D:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
Tom Deer		03	15	90

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
Chuck Bacci		03	15	90

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Richard Martin		03	15	90

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete

COPY 1-Disposer State-Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Environmental Conservation (518) 457-7362.

NY C 016595-8

48-14-1 (9/86)

2-118-51

Please print or type

HAZARDOUS WASTE [illegible]
P.O. Box 12560 Albany, New York 12212

UNIFORM HAZARDOUS WASTE MANIFEST

NYD 103734232 39794 1

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901

NY C 020703-3

4. Generator's Phone
914 357-1128

SAME

5. Transporter 1 (Company Name) | 6. US EPA ID Number
SAFETY-KLEEN CORP. | ILD 051060408

AR4514
914 268-4477

7. Transporter 2 (Company Name) | 8. US EPA ID Number

9. Designated Facility Name and Site Address | 10. US EPA ID Number
SAFETY-KLEEN CORP. 2-118-51
68 N HARRISON AVE
CONGERS, NY 10920 NYD 000708164 914 268-4477

	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	No.	Type	Quantity	Unit Wt/Vol	Waste No.
GENERATOR	a. RQ WASTE PERCHLORODETHYLENE ORM-A NA1897 (F002)(ERG #74)	1	DM	30	P	F002
	b.					
	c.					
	d.					

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DECSRIBED AS 'WASTE PERCHLORODETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLORODETHYLENE (0.05 PPM).

12. Special Handling Instructions and Additional Information
9015 14644231 939794 2-118-51-6026 23

EMERGENCY RESP#1-708-888-4660

SKDOT# A: 506 B: C: D:

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Printed/Typed Name	Signature	Mo.	Day	Year
Tom Ben		04	11	90

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
Chuck Faucl	Chuck Faucl	04	11	90

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Richard Martin	Richard Martin	04	11	90

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Environmental Conservation (518) 457-7362.

NY C 020703-3

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/86)

2-118-51

Please print or type

UNIFORM HAZARDOUS WASTE MANIFEST

NYD 103734232 | 51829 | 1 | NY C 025714-1

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901

4. Generator's Phone 914 357-1128

SAME

AR4514

5. Transporter 1 (Company Name) | 6. US EPA ID Number | A. State Transporter's ID | 914 268-4477
SAFETY-KLEEN CORP. | ILD 051060408

7. Transporter 2 (Company Name) | B. State Transporter's ID

8. Designated Facility Name and Site Address | 9. US EPA ID Number | C. State Facility's ID | D. Facility's Phone
SAFETY-KLEEN CORP. 2-118-51
68 N HARRISON AVE
CONGERS, NY 10920 NYD 000708164 914 268-4477

10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste No.
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				
a. RQ WASTE PERCHLOROETHYLENE ORM-A NA1897 (F002)(ERG #74)	1 DF	195	P	F002
b.				
c.				
d.				

GENERATOR

Additional Descriptions for Materials Listed Above | K. Handling Codes for Wastes Listed Above

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DECSRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE (0.05 PPM).

a. B | b. | c. | d.

15. Special Handling Instructions and Additional Information

9019 15428295 251829 2-118-51-6026 23

EMERGENCY RESP#1-708-888-4660

SKDOT# A: 506 B: C: D:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Tom Ben | Signature | Mo. Day Year: 05 15 90

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: Chuck Esudi | Signature | Mo. Day Year: 05 15 90

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name | Signature | Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: Richard Martin | Signature: Richard Martin | Mo. Day Year: 05 15 90

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete

COPY 1-Disposer State-Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Environmental Conservation (518) 457-7362.

NY C 025714-1

48-14-1 (9/86)

2-118-51

Please print or type

HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

UNIFORM HAZARDOUS WASTE MANIFEST

Generator's US EPA ID No.: NYD 103734232 | Manifest Document No.: 97277 | Page 1 of 1 | Information in the shaded areas is not required by Federal law

3. Generator's Name, Mailing Address, City, State and ZIP Code:
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901

NY C 031151-2

4. Generator's Phone: 914 357-1128

SAME

5. Transporter 1 (Company Name) | 6. US EPA ID Number: ILD 051060408 | MX 3846 | 914 268-4477

SAFETY-KLEEN CORP.

7. Transporter 2 (Company Name) | 8. US EPA ID Number

9. Designated Facility Name and Site Address | 10. US EPA ID Number: 2-118-51

SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920 | NYD 000708164 | 914 268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	Unit Wt./Vol.	14. Waste No.
GENERATOR a. RQ WASTE PERCHLOROETHYLENE ORM-A NA1897 (F002)(ERG #74)	1	DF	50	P	F002
b.					
c.					
d.					

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DECSRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE (0.05 PPM).

Handling Codes for Wastes Listed Above: a. B b. c. d.

15. Special Handling Instructions and Additional Information: 9023 16250003 597277 2-118-51-6026 23

EMERGENCY RESP#1-708-888-4660

SKDOT# A: 506 B: C: D:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name: Tom Ben | Signature | Mo. Day Year: 060690

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: Chuck Bgulis | Signature | Mo. Day Year: 060690

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name | Signature | Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Richard Martin | Signature | Mo. Day Year: 060690

NY C 031151-2

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete

COPY 1-Disposer State-Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Environmental Conservation (518) 457-7362.

[redacted]

48-14-1 (9/86)

2-118-51

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NYD 103734232	Manifest Document No. 03789	2. Page 1 of 1	Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

4. Generator's Phone (914) 357-1128

A. State Manifest Document Number: NY A 974695-4

B. Generator's ID: SAME

5. Transporter 1 (Company Name): SAFETY-KLEEN CORP.

6. US EPA ID Number: ILD 051060408

C. State Transporter's ID: AR 4E 14

D. Transporter's Phone: 914 268-4477

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number: 2-118-51
NYD 000708164

G. State Facility's ID

H. Facility's Phone: 914 268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	Unit Wt/Vol	I. Waste No.
a. RQ WASTE PERCHLOROETHYLENE ORM-A UN1897 (EPA F002)	2	DM	70	P	F002
b.					
c.					
d.					

GENERATOR

J. Additional Descriptions for Materials Listed Above

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DECSRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE (0.05 PPM).

K. Handling Codes for Wastes Listed Above
a. R c.
b. d.

15. Special Handling Instructions and Additional Information
8943 10088789 103789 2-118-51-3010 23

SKDOT# A: 506 B: C: D:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name: Tom Bon — Signature: [signature] — Mo. Day Year: 10 26 89

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: Chuck Brach — Signature: [signature] — Mo. Day Year: 10 26 89

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name — Signature — Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: Richard Martin — Signature: Richard Martin — Mo. Day Year: 10 26 89

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete

COPY 1-Disposer State-Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Environmental Conservation (518) 457-7362.

NY A 974695-4

[redacted]

42-14-1 (9/86)

2-118-51

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-91

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Environmental Conservation (518) 457-7362.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD103734232 | Manifest Document No.: 01507

2. Page 1 of 1 | Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

4. Generator's Phone (914) 357-1128

A. State Manifest Document Number: NY A 960595-7

B. Generator's ID: SAME

5. Transporter 1 (Company Name): SAFETY-KLEEN CORP.

6. US EPA ID Number: ILD051060408

C. State Transporter's ID: AR4514

D. Transporter's Phone: 914) 268-4477

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP. 2-118-51
68 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number: NYD000708164

G. State Facility's ID

H. Facility's Phone: 914) 268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	Unit Wt/Vol	I. Waste No.
a. RQ WASTE PERCHLOROETHYLENE ORM-A UN1897 (EPA F002) 506	1	CF	80	P	F002
b.					
c.					
d.					

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE(0.05 PPM).

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

a. R | c. | b. | d.

15. Special Handling Instructions and Additional Information: 8931 07986375 201507 2-118-51-3010 23

23813

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
LEONARD FALK	[signature]	07	31	89

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
Chuck Bach	[signature]	07	31	89

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Richard Martin	[signature]	07	31	89

NY A 960595-7

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/86)

2-118-51

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-91

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Environmental Conservation (518) 457-7362.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD 103734232 | Manifest Document No.: 03078
2. Page 1 of 1 | Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405
4. Generator's Phone (914) 357-1128

A. State Manifest Document Number: NY A 971628-6
B. Generator's ID: SAME

5. Transporter 1 (Company Name): SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD 051060408
C. State Transporter's ID: AR4514
D. Transporter's Phone: 914) 268-4477

7. Transporter 2 (Company Name):
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920
10. US EPA ID Number: 2-118-51 NYD 000708164
G. State Facility's ID:
H. Facility's Phone: 914) 268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	Unit Wt/Vol	I. Waste No.
a. RQ WASTE PERCHLOROETHYLENE ORM-A UN1897 (EPA F002)	1	DF	150	P	F002
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE (0.05 PPM).

K. Handling Codes for Wastes Listed Above: a. R | c. | b. | d.

15. Special Handling Instructions and Additional Information
8939 09364555 803078 2-118-51-3010 23

SKDOT# A: 506 B: C: D:

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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GENERATOR — Printed/Typed Name: Tom Ben | Signature: Tom Ben | Mo. Day Year: 09 29 89

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: Chuck Bauch | Signature: Chuck Bauch | Mo. Day Year: 09 29 89

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: | Signature: | Mo. Day Year:

FACILITY

19. Discrepancy Indication Space: In area 11 customer signed where he should have printed; and printed where he should have signed.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Richard Martin | Signature: Richard Martin | Mo. Day Year: 09 29 89

NY A 971628-6

EPA Form 8700-22 (Rev 9-88) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/86)

2-118-51

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved. OMB No. 2050-0039, Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD103734232 | Manifest Document No.: 02688 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

A. State Manifest Document Number: NY A 972389-2

4. Generator's Phone (914) 357-1128

B. Generator's ID: SAME

5. Transporter 1 (Company Name): SAFETY-KLEEN CORP.
6. US EPA ID Number: ILD051060408
C. State Transporter's ID: LG4860
D. Transporter's Phone: (914) 268-4477

7. Transporter 2 (Company Name):
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920
10. US EPA ID Number: 2-118-51 NYD000708164
G. State Facility's ID:
H. Facility's Phone: (914) 268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	Wt/Vol	I. Waste No.
a. RQ WASTE PERCHLOROETHYLENE ORM-A UN1897 (EPA F002) 506	1	DF	195	P	F002
b.					
c.					
d.					

GENERATOR

J. Additional Descriptions for Materials Listed Above

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K. Handling Codes for Wastes Listed Above
a. R b. c. d.

15. Special Handling Instructions and Additional Information: 8935 08666638 502688 2-118-51-3010 23

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name: X Aron T. Ben | Signature: X | Mo. Day Year: 08 30 89

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: Chuck Bacchi | Signature: Chuck Bacchi | Mo. Day Year: 08 31 89

18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: | Signature: | Mo. Day Year:

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: Richard Martin | Signature: Richard Martin | Mo. Day Year: 08 31 89

NY A 972389-2

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/86)

2-118-51

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NYD 103734232	Manifest Document No. 08049	2. Page 1 of 1 — Information in the shaded areas is not required by Federal Law

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

4. Generator's Phone (914) 357-1128

A. State Manifest Document Number: NY A 979352-8

B. Generator's ID: SAME

5. Transporter 1 (Company Name): SAFETY-KLEEN CORP.

6. US EPA ID Number: ILD 051060408

C. State Transporter's ID: AR 4514

D. Transporter's Phone: (914) 268-4477

7. Transporter 2 (Company Name):

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number: 2-118-51 NYD 000708164

G. State Facility's ID:

H. Facility's Phone: (914) 268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity Wt/Vol	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. RQ WASTE PERCHLOROETHYLENE ORM-A UN1897 (EPA F002)	1	DF	195	P	F002
b.					
c.					
d.					

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DECSRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE (0.05 PPM).

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above: a. B c. b. d.

15. Special Handling Instructions and Additional Information: 8947 10811610 408049 2-118-51-3010 23

SKDOT# A: 506 B: C: D:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
Tom Ben		11	30	88

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
Chuck Brady	Chuck Brady	11	30	88

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Mo	Day	Year
Richard Martin	Richard Martin	11	30	88

NY A 979352-8

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/86)

2-118-51

HAZARDOUS WASTE MANIFEST

UNIFORM HAZARDOUS WASTE MANIFEST NYD103734232 21389 1

NY A 924305-5

GENERATOR
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405
914 357-1128

TRANSPORTER
SAFETY-KLEEN CORP ILD051060408
AR4514
914 268-4477

FACILITY
SAFETY-KLEEN CORP 2-118-51
68 N HARRISON AVE
CONGERS, NY 10920 NYD000708164
914 268-4477

RQ WASTE PERCHLOROETHYLENE			
DRM-A UN1897 (EPA F002)	506	P	F002

1 DF 100

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE(0.05 PPM).

R

8903 03460797 021389 2-118-51-3010 5002

23813

GENERATOR'S CERTIFICATION:

Printed/Typed Name: EDWARD FALIL	Signature:	Mo. Day Year: 01 18 89

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: Chuck Bacchi	Signature: Chuck Bacchi	Mo. Day Year: 01 18 89

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19

Printed/Typed Name: Edward Fries	Signature: Edward Fries	Mo. Day Year: 01 18 89

NY A 924305-5

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9-88)

2-118-51

NYD103734232 77614 1

SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405
914 357-1128

NY A 936320-5

SAME

AR-4514
914 268-4477

SAFETY-KLEEN CORP. ILD051060408

SAFETY-KLEEN CORP. 2-118-51
68 N HARRISON AVE
CONGERS, NY 10920 NYD000708164
914 268-4477

RQ WASTE PERCHLOROETHYLENE
ORM-A UN1897 (EPA F002) 506 P F002

1 DM 200

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED; TETRACHLOROETHYLENE(0.05 PPM).

R

8911 04687356 677614 2-118-51-3010 5002

23813

LEONARD FALK		03158[illegible]
Chuck Bacchi	Chuck Bacchi	03158[illegible]
Richard Martin	Richard Martin	03158[illegible]

EPA Form 8700-22 (Rev. 9-88)

COPY 1-Disposer State-Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-[illegible]

NY A 936320-5

48-14-1 (9/86)

2-118-51

NYD103734232 07200 1

SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405
914 357-1128

NY A 941025-3

SAME

SAFETY-KLEEN CORP. ILD051060408

A.R 4514
914 268-4477

SAFETY-KLEEN CORP. 2-118-51
68 N HARRISON AVE
NYD000708164
CONGERS, NY 10920
914 268-4477

RQ WASTE PERCHLOROETHYLENE
ORM-A UN1897 (EPA F002) 506

F002

1 DF 185 P

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE(0.05 PPM).

R

8915 05316963 007200 2-118-51-3010 5002

23813

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362

GENERATOR
Printed/Typed Name: LEONARD FALK
Signature: Leonard Falk
Mo. Day Year: 04 12 89

TRANSPORTER
17. Transporter 1 (Acknowledgement of Receipt of Materials)
Printed/Typed Name: Chuck Bacchi
Signature: Chuck Bacchi
Mo. Day Year: 04 12 89
18. Transporter 2 (Acknowledgement of Receipt of Materials)
Printed/Typed Name:
Signature:
Mo. Day Year:

FACILITY
19. Emergency Indicator Space
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Richard Martin
Signature: Richard Martin
Mo. Day Year: 04 12 89

NY A 941025-3

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14.1 (9/88)

2-118-51

NYD103734232 09631 1

SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405
914 357-1128

NY A 945394-7

SAME

AR 4514

SAFETY-KLEEN CORP. ILD051060408 914 268-4477

SAFETY-KLEEN CORP. 2-118-51
68 N HARRISON AVE
CONGERS, NY 10920 NYD000708164 914 268-4477

RQ WASTE PERCHLOROETHYLENE
ORM-A UN1897 (EPA F002) 506 F002

1 CF 50 P

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE(0.05 PPM).

R

8919 05957311 309631 2-118-51-3010 5002

23813

LEONARD FALK Leonard Falk 051089

Chuck Bacchi Chuck Bacchi 051089

Richard Martin Richard Martin 051089

NY A 945394-7

EPA Form 8700-22 (Rev. 9-88)

COPY 1-Disposer State-Mailed by TSD Facility

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7933

48-14-1 (9-85)

2-118-51

NYD103734232 07155 1

SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405
914 357-1128

NY A 950781-3

SAME

SAFETY-KLEEN CORP. ILD051060408

AR4514
914 268-4477

SAFETY-KLEEN CORP. 2-118-51
68 N HARRISON AVE
NYD000708164
CONGERS, NY 10920
914 268-4477

RQ WASTE PERCHLOROETHYLENE
ORM-A UN1897 (EPA F002) 506

1 DF 195 P F002

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED; TETRACHLOROETHYLENE(0.05 PPM).

R

8923 06639017 607155 2-118-51-3010 5002

23813

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362

TRANSPORTER

LEONARD FALK — Leonard Falk — 060689

Chuck Barchi — Chuck Barchi — 060689

FACILITY

Richard Martin — Richard Martin — 060689

NY A 950781-3

EPA Form 8700-22 (Rev. 9-88)

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/86)

2-118-51

HAZARDOUS WASTE MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST	NYD103734232	03612	1

GENERATOR

SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405
914 357-1128

NY A 955398-3

SAME

SAFETY-KLEEN CORP. ILD051060408 914 268-4477

AR4514

SAFETY-KLEEN CORP. 2-118-51
68 N HARRISON AVE NYD000708164
CONGERS, NY 10920 914 268-4477

US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	No.	Type	Total Quantity	Unit Wt/Vol	Waste No.
RQ WASTE PERCHLOROETHYLENE ORM-A UN1897 (EPA F002)	506	1 DF	195	P	F002

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE(0.05 PPM).

K. Handling Codes for Wastes Listed Above: R

8927 07316441 903612 2-118-51-3010 23

23813

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

I certify that, to the degree I have determined to be economically practicable, I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Mo.	Day	Year
LEONARD FALK	Leonard Falk	06	30	89

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
Chuck Bauer	Chuck Bauer	06	30	89

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Richard Martin	Richard Martin	06	30	89

NY A 955398-3

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Environmental Conservation (518) 457-7362.

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/86)

2-118-51

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD103734232 | Manifest Document No. 03635

2. Page 1 of 1 | Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

4. Generator's Phone (914) 357-1128

A. State Manifest Document Number NY A 920666-2

B. Generator's ID

5. Transporter 1 (Company Name) SAFETY-KLEEN CORP.

6. US EPA ID Number ILD051060408

C. State Transporter's ID AR4514

D. Transporter's Phone 914) 268-4477

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number 2-118-51
NYD000708164

G. State Facility's ID

H. Facility's Phone 914) 268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. RQ WASTE PERCHLOROETHYLENE ORM-A UN1897 (EPA F002) 506	1	DF	0.95	P	F002
b.					
c.					
d.					

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE(0.05 PPM).

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

a	c	a	c
		R	
b	d	b	d

15. Special Handling Instructions and Additional Information 8851 02916419 703635 2-118-51-3010 5002

23813

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Mo.	Day	Year
MARY ANTONUCCI	Mary Antonucci	12	22	88

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
CHUCK BACCHI	Chuck Bacchi	12	22	88

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Edward Fries	Edward Fries	12	22	88

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

NY A 920666-2

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/86)

2-118-51

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD103734232 — Manifest Document No. 6779114

2. Page 1 of 1 — Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

A. State Manifest Document Number NY A 913221-9

B. Generator's ID

4. Generator's Phone (914) 357-1126

5. Transporter 1 (Company Name) SAFETY-KLEEN CORP.

6. US EPA ID Number ILD051060408

C. State Transporter's ID AR4514

D. Transporter's Phone (914) 268-4477

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number NYD000708164

G. State Facility's ID

H. Facility's Phone (914) 268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. aRQ WASTE PERCHLOROETHYLENE ORM-A UN1897 (EPA F002) 506	1	DF	100	P	F002
b.					
c.					
d. NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE(0.05 PPM).					

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

a	c	a R	c
b	d	b	d

15. Special Handling Instructions and Additional Information 8847 C0000000 367414 2-118-51-3010 5002

23813

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
EDWARD FALK	Edward Falk	11	23	88

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
CHUCK BACH #I	Chuck Bach	11	23	88

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Edward Fries	Edward Fries	11	23	88

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

NY A 913221-9

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/86)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-88

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD103734232 | Manifest Document No.: K 6971 2

2. Page 1 of 1 | Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

A. State Manifest Document Number: NY A 891699-6

B. Generator's ID

4. Generator's Phone (914 357-1128)

5. Transporter 1 (Company Name): SAFETY-KLEEN-CORP.

6. US EPA ID Number: ILD051060408

C. State Transporter's ID: NY 671955

D. Transporter's Phone (914)268-4477

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number: NYD000708164

G. State Facility's ID

H. Facility's Phone (914)268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, WASTE PERCHLOROETHYLENE, ORM-A, UN1897 (EPA, F002) 506		1DF	195	P	F002
b.					
c. NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED					
d. WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED; TETRACHLOROETHYLENE(0.05 PPM).					

J. Additional Descriptions for Materials Listed Above

a | c

b | d

K. Handling Codes for Wastes Listed Above

a: R | c:

b: | d:

15. Special Handling Instructions and Additional Information

2-118-51-3010 8PT
746921
TERR 5002 WK 8827

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
Larry Falk	Larry Falk	07	15	88

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
Peter Flynn	Peter Flynn	07	18	88

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

19. *Discrepancy Indication Space*

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Ed Fries	Ed Fries	7	18	88

NY A 891699-6

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/86)

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD103734232 — Manifest Document No. 777816 17

2. Page 1 of 1 — Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
23 LAFAYETTE AVE
SUFFERN NY 10901

A. State Manifest Document Number NY A 899018-8

B. Generator's ID

4. Generator's Phone (914) 357-1128

5. Transporter 1 (Company Name) — SAFETY-KLEEN CORP.

6. US EPA ID Number — ILD051060408

C. State Transporter's ID NY ARXXX

D. Transporter's Phone (914) 268-4477

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
88 N HARRISON AVE
YONGERS, NY 10920

10. US EPA ID Number — NYD000708164

G. State Facility's ID

H. Facility's Phone (914) 268-4477

	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a.	RQ WASTE PERCHLOROETHYLENE ORM-A UN1897 (EPA F002) 506	1	DF	195	P	F002
b.						
c.						
d.	NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE(0.05 PPM).					

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

a		c	
b		d	
a	R	c	
b		d	

15. Special Handling Instructions and Additional Information 8831 0255492 071867 2-118-51-3010 5002

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Mo.	Day	Year
LARRY FALK	Larry Falk	08	10	87

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
Peter Flynn	Peter Flynn	08	10	88

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Edward FRIES	Edward Fries	08	10	88

NY A 899018-8

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

COPY 1-Disposer State-Mailed by TSD Facility

48-14-1 (9/86)

MAIL TO: NYSDEC
PO Box 12820
Albany, N.Y. 12212

Item(s) TSDF DATE is (are) ~~Incorrect~~ ~~Blank.~~

Put the correct information in the following blank spaces:

Please print or type.

P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039, Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD103734232 — Manifest Document No. 001910

2. Page 1 of 1 — Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

4. Generator's Phone (914) 357-1128

A. State Manifest Document Number NY A 902141-8

B. Generator's ID

5. Transporter 1 (Company Name) SAFETY-KLEEN CORP.

6. US EPA ID Number ILD051060408

C. State Transporter's ID AR4514

D. Transporter's Phone (914) 268-4477

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
68 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number NYD000708164

G. State Facility's ID

H. Facility's Phone (914) 268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. RQ WASTE PERCHLOROETHYLENE ORM-A UN1897 (EPA F002) 506		CF	80	P	F002
b.					
c.					
d. NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE(0.05 PPM).					

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

a	c	a	c
		R	
b	d	b	d

15. Special Handling Instructions and Additional Information
8835 C0000000 400920 2-118-51-3010 5002

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

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Printed/Typed Name	Signature	Mo.	Day	Year
LEONARD FALK	Leonard Falk	09	19	88

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
Peter Flynn	Peter Flynn	09	19	88

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Edward Fries	Edward Fries	09	19	88

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In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7933.

NYA 902141-8

48-14-1 (9/86)

2-118-51

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type.

Form Approved OMB No. 2050-0039, Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD103734236 — Manifest Document No. 012113

2. Page 1 of 1 — Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

A. State Manifest Document Number NYA 903999-3

B. Generator's ID

4. Generator's Phone (914 357-1128)

5. Transporter 1 (Company Name) — 6. US EPA ID Number
SAFETY-KLEEN CORP — IUD051060408

C. State Transporter's ID NYAR4514

D. Transporter's Phone (914) 268-4477

7. Transporter 2 (Company Name) — 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
58 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number — NYD000708164

G. State Facility's ID

H. Facility's Phone (914) 268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. RQ WASTE PERCHLOROETHYLENE, ORM-A, UN1897 (EPA F002) 506	X	DF	195	P	F002
b.					
c.					
d. NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS NOTED: TETRACHLOROETHYLENE(0.05 PPM).					

J. Additional Descriptions for Materials Listed Above

a | c

b | d

K. Handling Codes for Wastes Listed Above

a R | c

b | d

15. Special Handling Instructions and Additional Information
8839 C0000000 722113 2-118-51-3010 5002

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Printed/Typed Name	Signature	Mo.	Day	Year
LEONARD FALK	Leonard Falk	09	08	88

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
Peter Flynn	Peter Flynn	09	28	88

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Edward Fries	Edward Fries	09	28	88

NYA 903999-3

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2-118-51

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

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Form Approved OMB No. 2050-0039, Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD100734232 | Manifest Document No. H134107

2. Page 1 of 1 | Information in the shaded areas is not required by Federal Law.

3. Generator's Name and Mailing Address
SUFFERN CLNRS
48 LAFAYETTE AVE
SUFFERN NY 10901-5405

A. State Manifest Document Number NYA 910023-6

B. Generator's ID

4. Generator's Phone (914) 357-1128

5. Transporter 1 (Company Name) SAFETY-KLEEN CORP.

6. US EPA ID Number ILD051060408

C. State Transporter's ID CM085

D. Transporter's Phone 914) 268-4477

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address
SAFETY-KLEEN CORP.
48 N HARRISON AVE
CONGERS, NY 10920

10. US EPA ID Number NYD000708164

G. State Facility's ID

H. Facility's Phone 914)268-4477

	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a.	RQ WASTE PERCHLOROETHYLENE ORM-A UN1897 (EPA F002) 506		DF	150	P	F002
b.						
c.						
d.						

NOTICE. IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATMENT STANDARD IS HIGHER THAN PERCHLOROETHYLENE(0.05 PPM).

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

a	c	a R	c
b	d	b	d

15. Special Handling Instructions and Additional Information 8843 C0000000 043409 2-118-51-3010 5002

S-8690

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Printed/Typed Name	Signature	Mo.	Day	Year
EDWARD FALK	Edward Falk	10	28	88

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
DAN BYMAN	Dan Byman	10	28	88

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Edward Fries	Edward Fries	10	28	88

NYA 910023-6

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Albany, New York 12212

Generator's US EPA ID No: NYD103738232 | Manifest Document No: 661918 10

Page 1 of 1

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A. State Manifest Document Number: NY A 902141 8

B. Generator's ID

4. Generator's Phone (914) 357-1128

5. Transporter 1 (Company Name): SAFETY-KLEEN CORP.

6. US EPA ID Number: ILD051060408

C. State Transporter's ID: AP4614

D. Transporter's Phone: (914) 268-4477

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address: SAFETY-KLEEN CORP. 80 HARRISON AVE

10. US EPA ID Number: NYD000608364

G. State Facility's ID

H. Facility's Phone: (914) 268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ WASTE PERCHLOROETHYLENE ORM-A UN1897 (EPA F002) 506	1	CF	80	P	F002
b.					
c.					
d.					

NOTICE: IN ACCORDANCE WITH 40 CFR 268.7, THE GENERATOR PROVIDES NOTICE THAT THE WASTE DESCRIBED AS 'WASTE PERCHLOROETHYLENE' IS A RESTRICTED WASTE. THE WASTE CONTAINS THE FOLLOWING CONSTITUENT WHOSE TREATED CONCENTRATION IS NOTED: TETRACHLOROETHYLENE(0.05 PPM).

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above: a. R b. c. d.

15. Special Handling Instructions and Additional Information: 8835 C0000000 400920 2-118-51-3010 5002

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations and state laws and regulations.

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Printed/Typed Name: LEONARD FALK — Signature: Leonard Falk — Mo. 05 Day 28 Yr. 88

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: Peter Flynn — Signature: Peter Flynn — Mo. 05 Day 28 Yr. 88

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name — Signature — Mo. Day Yr.

19. Discrepancy Indication Space

Correct Date Item 2c 05-28-88

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Edward Fries — Signature: Edward Fries — Mo. 05 Day 28 Yr. 88

COPY 1-Disposer State-Mailed by TSD Facility

GENERATOR — TRANSPORTER — FACILITY

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

902141 8

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...formation in the following blank spaces:

...box 12820, Albany, New York 12212 — Form Approved OMB No. 2050-0039, Expires 9-30-88

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal Law.
NYD103734232	6819210		

3. Generator's Name and Mailing Address
...ERN CLNRS
43 LAFAYETTE AVE
SUFFERN NY 10901-5405

4. Generator's Phone (914) 357-1128

A. State Manifest Document Number: NYA 902141-8

B. Generator's ID:

5. Transporter 1 (Company Name): SAFETY-KLEEN CORP. — 6. US EPA ID Number: ILD051060408

C. State Transporter's ID: 4P2454

7. Transporter 2 (Company Name) — 8. US EPA ID Number

D. Transporter's Phone: (914) 268-4477

E. State Transporter's ID:

F. Transporter's Phone ( )

9. Designated Facility Name and Site Address: SAFETY-KLEEN CORP
68 N HARRISON AVE
CONGERS, NY 10920 — 10. US EPA ID Number: NYD980770184

G. State Facility's ID:

H. Facility's Phone: (914) 268-4477

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. RQ WASTE PERCHLOROETHYLENE ORM-A UN1897 (EPA F002) 506	1	CF	80	P	F002
b.					
c.					
d.					

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J. Additional Descriptions for Materials Listed Above — K. Handling Codes for Wastes Listed Above

a	c	a	c
		R	
b	d	b	d

15. Special Handling Instructions and Additional Information: 8835 C0000000 400920 2-118-51-3010 5002

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Printed/Typed Name	Signature	Mo.	Day	Year
LEONARD FALK	Leonard Falk	09	09	88

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year
Peter Flynn	Peter Flynn	09	09	88

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19

Printed/Typed Name	Signature	Mo	Day	Year
Edward Fries	Edward Fries	09	10	88

NYA 902141-8

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete

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Appendix B
Envirosure Remedial Investigation Report



EnviroSureInc
Quality. Integrity. Reliability.

Prepared for:

REDS CRIB, LLC
43-45 LAFAYETTE AVENUE
SUFFERN, NEW YORK 10901

REMEDIAL INVESTIGATION REPORT

43-45 LAFAYETTE AVENUE
AMERICAN TWO CLEANERS
BCP #C344085
SUFFERN VILLAGE
ROCKLAND COUNTY, NEW YORK

MAY 2, 2023, REV 3

Project number: **SO1241**

Prepared by: **ENVIROSURE, INC.**



SCOTT SMITH
PRESIDENT



JAMES LANG, LSRP
QUALIFIED ENVIRONMENTAL PROFESSIONAL

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Appendix I Photo Log

CERTIFICATION

I declare that, to the best of my professional knowledge and belief, I meet the definition of Qualified Environmental Professional as defined in NYCRR Part 375 and I have the specific qualifications needed to prepare this Remedial Investigation Report in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).



5/2/2023

James Lang, NJ LSRP
Qualified Environmental Professional

Date



5/2/2023

Scott Smith
Qualified Environmental Professional

Date

1.0 INTRODUCTION

Presented in this document is the Remedial Investigation (RI) report for remedial investigation activities completed at 43-45 Lafayette Avenue in Suffern Village, New York (BCP No. C344085) in accordance with the New York DEC Brownfields Cleanup Program (BCP). These activities were completed on behalf of the Volunteer and in accordance with the approved Remedial Investigation Workplan (RIWP), dated November 17, 2021.

1.1 Goals and Objectives

In general, a remedial investigation (RI) has the following overall objectives as described in NYCRR Part 375-1.8(e):

- Delineation of the extent of the contamination at, and emanating from, all media at the Site and the nature of that contamination;
- Characterization of the surface and subsurface characteristics of the Site, including topography, surface drainage, stratigraphy, depth to groundwater, and any aquifers that have been impacted or have the potential to be impacted;
- Identification of the sources of contamination, the migration pathways and actual or potential receptors of contaminants;
- Evaluation of actual and potential threats to public health and the environment; and,
- Production of data of sufficient quality and quantity to support the necessity for, and the proposed extent of, remediation and to support the evaluation of proposed alternatives.

The scope and goals specific to this report are summarized below and are based on the results of investigations completed to date.

1.2 Specific RI Objectives

Specific objectives of the RI are as follows:

- Assess the Site geology and collect and analyze representative subsurface soil samples to assess the potential source of elevated concentrations in sub-slab soil vapors and indoor air;
- Assess the Site groundwater depth and quality to determine impact and migration; and,
- Fill any data gaps resulting from the limited vapor intrusion assessment.

The scope of work to complete these objectives was provided in the RIWP, dated November 17, 2021 and the activities which occurred are described in this report.

1.3 Contaminants of Concern

Based on the previous investigations, the contaminants of concern are chlorinated volatile organic compounds, specifically tetrachloroethene (PCE) and associated breakdown compounds from historical dry-cleaning operations.

1.4 Limitations or Deviations from the RIWP

The following limitations or deviations from the scope of work outlined in the RIWP were identified:

- A monitoring well could not be installed in the basement as planned in the RIWP due to the depth of groundwater, drilling refusal at 13 to 16 feet below ground surface (fbgs) (5 to 8 ft below the basement slab), and overhead access limitations for drilling equipment.
- The vapor intrusion samples were not collected during the NYSDOH prescribed “heating season” due to SUMMA canister shortages at multiple laboratories. EnviroSure informed NYSDEC Case Manager, Mr. Michael Kilmer in March 2022 and was instructed to complete the sampling in early April 2022 based on the outdoor temperatures at that time and need to continue the heating system use.
- Following a conference call between EnviroSure and NYSDEC Case Manager, Mr. Michael Kilmer on May 17, 2022, concrete sampling was agreed upon to investigate the basement concrete slab as a potential source for vapor intrusion.
- Indoor air samples IA-05 and IA-06 were collected from tenant spaces on the first floor over the basement, no sub slab sample could be co-located. With only one indoor air sample, IA-04, collected in the small basement, the location was selected to be central to the basement space.

1.5 Health and Safety

A Health and Safety Plan was prepared for the site activities and is included as **Appendix A**. The plan outlines the required monitoring equipment, protective clothing, action levels, anticipated compounds, and emergency procedures. Site activities were conducted in Level D Protection. EnviroSure, Inc. field personnel involved in site activities are Occupational Safety and Health Administration (OSHA) health and safety trained and certified.

2.0 SITE DESCRIPTION

Discussions of the general site features are presented below.

2.1 Site Location, Description, and Setting

The Site is located at 43-45 Lafayette Avenue in the Village of Suffern, Rockland County, New York in a mixed commercial and residential area. The Site is located approximately 0.2-miles south of Interstate 287 and approximately 400-feet east of Route 202. The Site is approximately 0.07 acres with a one-story structure split into two suites and identified in the tax records as Tax ID 54.35-2-25 for General Business/Community Commercial land use. The location and key features of the Site are identified on **Figures 1 and 2**. The Site is accessible on foot from Lafayette Avenue and Chestnut Street.

The following information regarding the physical setting of the Site was obtained through a review of various publications, interviews, and on-site observations.

North: 50 Lafayette Avenue, Java Love Coffee Roasting Co.
East: 47 Lafayette Avenue, Boost Mobile
South: 23 Chestnut Street, Robert's Hairstylists
West: 41 Lafayette Avenue, My Mexican House

2.2 Site History

The Site building has two tenant spaces: 43 Lafayette Avenue is vacant and was formerly occupied by American Two Cleaners (ATC); 45 Lafayette Avenue is occupied by a wellness program tenant. The current property owner, Reds Crib, LLC, purchased the property in October 2019 and ATC occupied the property for at least six years prior.

As per the Volunteer, the dry-cleaning unit was removed from the Site prior to Reds Crib, LLC ownership as was all equipment related to the dry-cleaning operations. The Volunteer contacted the former ATC operator in October 2021, who indicated they did not recall the type of equipment. The historical ownership and dry-cleaning operations occurred at the Site as early as 1950; therefore, the dry-cleaning unit likely used tetrachloroethene (PCE).

2.3 Physical Setting

As noted on the United States Geological Survey (USGS) Ramsey, New Jersey/New York Quadrangle 7.5-minute series map (2020), the Site is at an elevation of approximately 300 feet above mean sea level. The Site slopes gently to the south towards the southern adjoining property along Chestnut Street.

2.3.1 Geology

The Site is underlain by the Triassic-aged Hammer Creek Conglomerate located in the Gettysburg-Newark Lowland Section of the Piedmont Physiographic Province. The

Hammer Creek conglomerate is a very coarse quartz conglomerate having abundant pebbles and cobbles of gray quartzite. It has minor beds of coarse red sandstone. Beds are thick to massive and well developed. At its type section, it has a measured thickness of approximately 2,580 feet (USGS 2021).

2.3.2 Hydrogeology

Groundwater occurs within the bedrock formation and was measured at depths of approximately 26 and 30 fbgs in two monitoring wells installed on the Site. Groundwater flow direction is southwest.

2.4 Previous Investigations

A discussion of the historic and current Site development and uses is provided below.

Historical information indicates the following previous investigations/remedial activities have been completed on the property:

Limited vapor intrusion investigation activities were completed on August 11, 2020 by Environmental Consulting and Management Services, Inc. (ECMS) and EnviroSure on September 15, 2020. As noted in the January 11, 2021 Limited Vapor Intrusion Assessment report (January 2021 Report), EnviroSure concluded that vapor intrusion was a concern for the Site due to PCE and trichloroethylene (TCE) concentrations in sub-slab soil vapors and indoor air greater than the applicable NYSDOH Indoor Air Concentrations Due to Health Exposures Screening Value (IACHE) (Appendix A). The NYSDEC Spill Hotline was notified on September 9, 2020 of the release from historical dry-cleaning operations at the Site. The NYSDEC issued Spill No. 2005272 for the case and the owner voluntarily applied to the BCP. The NYSDEC issued a Letter of Completeness on April 30, 2021. The historical investigation reports are included in the RIWP.

Previous Investigation Analytical Results

Analytical results from the January 2021 Report, ECMS indoor air samples IA-1 (basement) and IA-2 (first floor) were reported with PCE concentrations of 305 µg/m^3 and 73.9 µg/m^3, respectively. The concentrations are greater than the applicable NYSDOH IACHE of 30 ug/m3. ECMS sub-slab soil vapor samples SS-1 and SS-2 were reported with concentrations of PCE at 3,470 micrograms per cubic meter (µg/m^3) and 7,520 µg/m^3, respectively, and concentrations of TCE at 41.1 µg/m^3 and 202 µg/m^3. The concentrations are greater than the applicable NYSDOH Indoor Air Concentrations due to Health Exposures screening value of 2 ug/m^3. The remaining analyzed compounds from the ECMS samples were either not detected or were detected below the respective NYSDOH Indoor Air Concentrations due to Health Exposures screening values. Review of the analyzed compounds for the EnviroSure indoor air sample (IA-3) were either not detected or were detected below the respective NYSDOH Indoor Air Concentrations due to Health Exposures screening values.

3.0 REMEDIAL INVESTIGATION

In order to meet the goals and objectives for the Site, the Remedial Investigation assessed the nature and extent of contamination in accordance with NYCRR Part 375-1.8(e). All fieldwork adhered to the NYSDEC-approved RIWP, dated November 17, 2021 and the Health and Safety Plan provided in **Appendix A**.

3.1 Geophysical Survey

On January 6, 2022 prior to soil investigation activities, a geophysical survey was conducted on the Site by Enviroprobe Service, Inc. ("Enviroprobe") of Mount Laurel, New Jersey in an attempt to identify potential subsurface features and to clear utilities for the advancement of soil borings. The geophysical survey technician used ground penetrating radar (GPR), a TW-6 metal detector, and line tracing equipment in a grid pattern in the area of the proposed soil boring locations, as identified in the RIWP. No subsurface anomalies were identified, and nearby utility lines (electric, natural gas, water, sanitary sewer, and unknown utilities) were marked with spray paint for identification. An approximately 10 feet by 10 feet area was cleared surrounding the location of each proposed soil boring, when possible. A copy of the Geophysical Survey Report provided by Enviroprobe is included in **Appendix B**.

3.2 Soil Investigation

3.2.1 Exterior Soil Borings

On January 6, 2022, three (3) exterior soil borings (SB-02, SB-03, and SB-08) were advanced on Site by Enviroprobe in an effort to assess soil quality. The borings were advanced to a depth of 30 fbgs. Periodic air monitoring readings via a photoionization detector (PID) were recorded on a continuous air monitoring form (**Appendix C**) in accordance with the Continuous Air Monitoring Plan (CAMP) provided in the RIWP. The CAMP readings were consistently at 0.0 ppm throughout the duration of investigation activities.

As part of the soil boring investigation, EnviroSure recorded field observations of soil composition, olfactory and visual observations, and PID responses to total VOC concentrations at approximately six-inch intervals and at horizons of suspected impacts. Groundwater was not encountered during the investigation. The observations were recorded in the field logbook entries and soil boring logs. PID responses were consistently zero parts per million in all three borings. Copies of the field logbook entries and soil boring logs are included in **Appendix C**. The soil boring locations are depicted on **Figure 3**.

A total of nine samples were collected from the following horizons: SB-02 (8.0-8.5 fbgs, 15.0-15.5 fbgs, and 29.5-30.0 fbgs), SB-03 (12.0-12.5 fbgs, 17.0-17.5 fbgs, and 28.0-28.5 fbgs), SB-08 (7.0-7.5 fbgs, 14.5-15.0 fbgs, and 29.5-30.0 fbgs). Each sample was collected in laboratory supplied bottleware using new Terra Core® samplers and

disposable nitrile gloves. EnviroSure labeled the samples in the field, chilled the samples in a cooler with ice to approximately four degrees centigrade, and transported the samples via courier under chain of custody protocol to Alpha Analytical, Inc. laboratories of Westborough, Massachusetts (NYSDOH ELAP Certification #11148). Samples SB-02 (8.0-8.5 fbgs), SB-03 (12.0-12.5 fbgs), and SB-08 (7.0-7.5 fbgs) were analyzed for full Target Compound List (TCL) plus the 30 (10 VOCs and 20 SVOCs) including Tentatively Identified Compounds (TICs); full Target Analyte List (TAL), 1,4-dioxane and Per-and Polyfluoroalkyl Substances (PFAS) analysis. The remaining samples were extracted and held for analysis, pending the initial results.

3.2.2 Interior Soil Borings

On January 13, 2022, five interior soil borings (SB-01, SB-04 through SB-07) were advanced by Enviroprobe in the basement of the Site building. The borings were advanced to refusal which was the following depths: SB-01 (15.0 fbgs), SB-04 (16.0 fbgs), SB-05 (16.0 fbgs), SB-06 (13.5 fbgs), and SB-07 (14.0 fbgs). It should be noted that these depths are in relation to the street-level ground surface which was approximately 8.0 fbgs and not the basement floor surface.

Periodic air monitoring readings from a PID were recorded on a continuous air monitoring form in accordance with the CAMP provided in the RIWP. The CAMP readings were consistently low with a background reading of 0.6 ppm throughout the duration of investigation activities. EnviroSure recorded field observations of soil composition, olfactory and visual observations, and photoionization detector (PID) responses to total VOC concentrations at approximately six-inch intervals and at horizons of suspected impacts. Groundwater was not encountered during the investigation. The observations were recorded in the field logbook entries and soil boring logs. Faint odors were detected in all five borings and possible light staining was observed in SB-01 and SB-05 through SB-07. Low PID responses were detected in all five borings, with a high reading of 3.1 ppm detected in SB-07. Copies of the field logbook entries and soil boring logs are included in **Appendix C**. The soil boring locations are depicted on **Figure 3**.

A total of fifteen (15) samples and a duplicate sample were collected from the following horizons based on field observations and to assess the Site lithology: SB-01 (12.0-12.5 fbgs, 13.5-14.0 fbgs, and 14.5-15.0 fbgs), SB-04 (9.5-10.0 fbgs, 12.0-12.5 fbgs, and 15.5-16.0 fbgs), SB-05 (9.0-9.5 fbgs, 11.5-12.0 fbgs, and 15.5-16.0 fbgs), SB-06 (9.5-10.0 fbgs, 10.5-11.0 fbgs, and 12.5-13.0 fbgs), and SB-07 (9.0-9.5 fbgs, 11.5-12.0 fbgs, and 13.5-14.0 fbgs). Refusal was reached at approximately 13 to 16 fbgs (5 to 8 ft below the basement slab) due to basement access limiting usable equipment. Each sample was collected in laboratory-supplied bottleware using new Terra Core® samplers and disposable nitrile gloves. EnviroSure labeled the samples in the field, chilled the samples in a cooler with ice to approximately four degrees centigrade, and transported the samples via courier under chain of custody protocol to Alpha Analytical, Inc. laboratories of Westborough, Massachusetts (NYSDOH ELAP Certification #11148).

Samples SB-01 (12.0-12.5 fbgs), SB-04 (9.5-10.0), SB-05 (9.0-9.5), SB-06 (9.0-9.5) and SB-07 (9.0-9.5) were analyzed for TCL VOCs plus the 30 including TICs; full TAL, 1,4-dioxane and PFAS analysis. The remaining samples were extracted and held for analysis, pending the initial results.

Appropriate Quality Assurance/Quality Control (QA/QC) samples collected were duplicate sample DUP-011322 (duplicate of sample SB-05 9.0-9.5) and Field Blank sample FB-01132022.

3.3 Groundwater Investigation

On January 13, 2022, EnviroSure's contractor, EnviroProbe set a temporary well point at soil boring location SB-01 to a depth of 15.0 fbgs (7 ft below the basement slab) to attempt the collection of groundwater based on moist soil observed in the borehole. The one-inch PVC temporary well point was left in place for approximately five hours. No groundwater was observed in the temporary well point. Due to refusal at 15.0 fbgs, a monitoring well could not be installed in the basement as planned in the RIWP.

On February 2, 2022, EnviroSure attempted the installation of two exterior monitoring wells with EnviroProbe; however, refusal was met at 22 fbgs and the determination was made to return to the Site with different equipment.

On March 14, 2022, EnviroSure and EnviroProbe returned to the Site and two groundwater monitoring wells were installed to a depth of approximately 35 fbgs. Monitoring well MW-1 was installed at the location of soil boring SB-02 (north of the building along Lafayette Avenue) and MW-2 was installed at the location of soil boring SB-03 (southeast corner of the building along Chestnut Street). The monitoring well locations are depicted on **Figure 4** and the monitoring well summary table is included as **Table 2.**

The wells were installed by Enviroprobe using an ODEX Air Rotary MGD137 Geoprobe unit. The monitoring well construction logs are included in **Appendix D.** An initial field-measured depth to water (DTW) reading for MW-1 was not recorded due to a malfunction of the water/oil interface probe at the time of installation. The initial DTW reading of MW-2 was 18.5 fbgs. Both monitoring wells were developed utilizing a Proactive® Mini Typhoon submersible pump.

On April 14, 2022, the monitoring wells were purged and sampled by EnviroSure's contractor, Premier Field Services ("Premier") of Toms River, New Jersey. Pre-purge DTW and PID readings were recorded as follows:

- MW-1: DTW=29.96 fbgs, PID=0.0 ppm
- MW-2: DTW=25.70 fbgs, PID=1.2 ppm

Approximately six gallons of ground water were purged from MW-1 and seven gallons of groundwater from MW-2 prior to sampling. One groundwater sample was collected from each monitoring well in laboratory-supplied bottleware using low-flow sampling

techniques, stainless steel pump, HDPE tubing for PFAS analysis, and disposable nitrile gloves. During low-flow sampling, water quality indicator parameters were recorded and provided in **Appendix D**. Appropriate QA/QC samples including one trip blank and one field blank sample were also collected. Premier labeled the samples in the field, chilled the samples in a cooler with ice to approximately four degrees centigrade, and transported the samples via courier under chain of custody protocol to Alpha Analytical, Inc. laboratories of Westborough, Massachusetts (NYSDOH ELAP Certification #11148) and analyzed for full TCL plus 30 including TICs; full TAL, 1,4-dioxane and PFAS analysis. No deviation was made from NYSDEC Part 375 guidance document "Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS)", June 2021.

On August 24, 2022, Badey & Watson Surveying & Engineering, D.P.C. (B&W) conducted a monitoring well survey to obtain the elevation data for MW-1 and MW-2. The survey is included as **Appendix E** and the elevations are depicted on **Figure 4**.

3.4 Vapor Intrusion Investigation

On April 14, 2022, a vapor intrusion and indoor air investigation was conducted on the property by Premier. The investigation was conducted in an attempt to further investigate the elevated concentrations of VOCs previously detected in the sub-slab soil vapor and indoor air samples collected at the Site. The furnace formerly located in the basement was removed at an unknown time. Therefore, no air is circulated from the basement to the tenant spaces on the first floor. The heating system is natural gas and circulates heated air from the first floor. The basement has an open sump which is dry. No chemicals were observed on the site at the time of sampling. Prior to the collection of samples, Premier completed a NYS Department of Health (DOH) Indoor Air Quality Questionnaire and Building Inventory that is provided in **Appendix F**.

Three indoor air samples were collected, with two samples collected from the first floor of the building (IA-05 collected from the former dry cleaner unit and IA-06 collected from the occupied unit) and one sample collected from the basement (IA-04). A background air sample was also collected outside of the building (OA-02). The indoor air and background samples were collected over an approximate eight-hour interval. Following the completion of the indoor air samples, three sub-slab soil vapor points (SS-03 through SS-05) were collected by installing ⅜-inch sample ports through the concrete slab floor of the basement. The location of the samples and the vapor intrusion and indoor air and concentrations detected are depicted on **Figure 5** and **Figure 6**. Each sample was collected in laboratory-supplied SUMMA canisters with a dedicated flow controller specific to the media, labeled in the field, and transported via courier under chain of custody protocol to Alpha Analytical, Inc. laboratories of Westborough, Massachusetts (NYSDOH ELAP Certification #11148) and analyzed for EPA Method TO-15.

3.5 Concrete Slab Investigation

Following a conference call between EnviroSure and NYSDEC Case Manager, Mr. Michael Kilmer on May 17, 2022, a concrete investigation was agreed upon to investigate the basement concrete slab as a potential source for vapor intrusion.

On July 8, 2022, four concrete chip samples (C-01 through C-04) were collected from the basement slab near the locations of the basement sub-slab soil vapor and indoor air samples that were previously collected. Samples C-01, C-03, and C-04 were collected near the locations of sub-slab soil vapor samples SS-03, SS-05, and SS-04, respectively, and sample C-02 was collected near the location of indoor air sample IA-04. The locations of the samples are depicted on **Figure 5** and **Figure 6.** The samples were collected from the slab using an industrial-grade chisel, screened with a PID, and crushed into chips with a mallet and placed into laboratory-supplied four-ounce glass jars with septa caps using disposable nitrile gloves. Sampling equipment was properly deconned in between use. Faint odors were detected from samples C-01 through C-03, however the PID readings for all four samples were consistently 0.0 ppm (parts per million). EnviroSure labeled the samples in the field, chilled the samples in a cooler with ice to approximately four degrees centigrade, and transported the samples via courier under chain of custody protocol to Alpha Analytical, Inc. laboratories of Westborough, Massachusetts (NYSDOH ELAP Certification #11148) and analyzed for VOCs plus TICs.

3.6 Investigation Derived Waste

Following sample collection, boreholes that were not converted to monitoring wells were backfilled with sand and an upper bentonite plug. Boreholes were restored to grade with the surrounding area. Groundwater purged from the monitoring wells during development and sample collection as well as the soil cuttings were placed into a DOT approved 55-gallon drum and were disposed of offsite via Disposal Systems, Inc. of Freehold, New Jersey. Disposal documentation is included as **Appendix G**. A total of three 55-gallon drums of soil cuttings and purge water were produced during the Investigation.

4.0 FINDINGS

The findings of this Remedial Investigation are collectively based on EnviroSure's knowledge of the Site history, field observations and analytical results from soil, groundwater, sub-slab soil vapor, indoor air, background air and concrete samples. EnviroSure provided all samples under chain of custody protocol to Alpha Analytical, Inc. laboratories of Westborough, Massachusetts (NYSDOH ELAP Certification #11148).

4.1 Soil Investigation

Upon receipt of the laboratory analytical report, EnviroSure summarized the soil sample analytical results in **Table 1A (VOCs), Table 1B (SVOCs), Table 1C (PFAS), Table 1D (Pesticides and PCBs) and Table 1E (Metals)**. Copies of the laboratory analytical report are included in **Appendix F.**

Review of the analytical results indicates that all VOCs, SVOCs, PFAS, PCBs, and Pesticides were either not detected at the identified laboratory method detection limits (MDLs) or were detected at concentrations below all respective NYSDEC regulatory criteria.

A review of the metals analytical results indicated that nickel and lead were detected above applicable criteria. No other metal exceeded a cleanup criterion.

Metals	NY-RESER	NY-UNRES	SB-04 9.5-10	SB-08 7-7.5
Nickel	30	30	**33.4**	11.3
Lead	63	63	15.9	**118**

NY-RESER: New York NYCRR Part 375 Ecological Resources Criteria New York Restricted use Criteria
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria
Results reported in mg/kg.

The 21 contingency samples were not analyzed since concentrations of target analytes were either not detected or low in the shallow samples and no PID readings, olfactory or visual evidence of impacted soils was observed.

4.2 Groundwater Investigation

Upon receipt of the laboratory analytical report, EnviroSure summarized the analytical results in **Table 2A (VOCs), Table 2B (SVOCs), Table 2C (PFAS), Table 2D (Pesticides and PCBs), and Table 2E (Metals)**. Copies of the laboratory analytical report are included in **Appendix E.**

Review of the analytical results indicates that all VOCs, Pesticides, and PCBs were either not detected at identified laboratory MDLs or were detected at concentrations

below New York TOGS 111 Ambient Water Quality Standards (NY-AWQS).

Parameter	MW-1	MW-2	NY-AWQS
Benzo(a)anthracene (ug/L)	0.03	0.03	0.002
Benzo(b)fluoranthene (ug/L)	ND (0.1)	0.02	0.002
Benzo(k)fluoranthene (ug/L)	ND (0.1)	0.01	0.002
Chrysene (ug/L)	0.02	0.02	0.002
PFOA (ng/L)	13.8	12.6	6.7
PFOS	20.4 F	14.2 F	2.7
Sodium (ug/L)	296,000	270,000	20,000
Iron (ug/L)	391	1,120	300

ND (0.1): Not detected at (Laboratory Reporting Limit)

No other parameter exceeded the NY-AWQS.

4.3 Vapor Intrusion Investigation

Upon receipt of the laboratory analytical report, EnviroSure summarized the analytical results in **Table 3A (Sub-Slab Soil Vapor Sample Results Summary), Table 4A (Indoor Air Sample Results Summary), Table 3B (Sub-Slab Soil Vapor Sample Results Summary - Contaminants of Concern), and Table 4B (Indoor Air Sample Results Summary - Contaminants of Concern)**. Copies of the laboratory analytical report are included in **Appendix F.** Although the sub-slab and indoor air samples were not collocated, due to the size of the building and discussions with the former NYSDEC Case Manager, Michael Kilmer, use of the NYSDOH Matrices for evaluating the vapor intrusion data, was considered appropriate for comparison purposes.

4.3.1 Sub-Slab Soil Vapor Samples

The sub-slab vapor sample analytical results were compared to the applicable decision matrices as per the NYSDOH Guidance for Evaluating Soil Vapor Intrusion (NYSDOH Matrix A Sub-slab Vapor Concentrations Criteria and NYSDOH Matrix B Sub-slab Vapor Concentrations Criteria).

Parameter	SS-03	SS-04	SS-05	NYSDOH Matrix Criteria
cis-1,2-Dichloroethene	**11.6**	ND (0.793)	543	6
Tetrachloroethene	**3,160**	**490**	**2,500**	100

Trichloroethene	**41.5**	4.96	**394**	6

Results reported in ug/m^3
ND (0.793): Not Detected (Laboratory Reporting Limit)
Bold: Exceeds Criteria

All three contaminants were identified with a “mitigate” requirement as per the decision matrices. The remaining compound concentrations were identified as “no further action”. No other parameter exceeded the NYSDOH Matrix Criteria.

4.3.2 Indoor and Background Air Samples

The indoor air sample analytical results were compared to the applicable decision matrices.

Parameter	IA-04	IA-05	IA-06	OA-02	NYSDOH Matrix Criteria
Carbon tetrachloride	**0.478**	**0.503**	**0.510**	**0.547**	0.2
Tetrachloroethene	**18.3**	**12.4**	**4.72**	ND (0.136)	3

Results reported in ug/m^3
ND (0.136): Not Detected (Laboratory Reporting Limit)

Both contaminants were identified with a “mitigate” requirement as per the decision matrices. The remaining compound concentrations were identified as “no further action”. No other parameter exceeded the NYSDOH Matrix Criteria. The building tenant was sent a letter, dated January 27, 2023, with the results of the indoor air sample collected.

4.4 Concrete Slab Investigation

Upon receipt of the laboratory analytical report, EnviroSure summarized the analytical results in **Table 5**. It should be noted that no NYSDEC regulatory criteria currently exist for concrete samples; therefore, the samples were compared to the applicable New York NYCRR Part 375 soil criteria. Copies of the laboratory analytical report are included in **Appendix F.**

A review of the laboratory results indicates that most of the analyzed VOCs were not detected at identified laboratory MDLs, with the highest detected analyte concentration being Acetone, detected in sample C-04 at a concentration of 0.22 mg/kg. The total VOC concentrations in each sample were as follows:

- C-01 - 0.00018 mg/kg, an estimated value for trichloroethene, and 0.0434 mg/kg TICs;
- C-02 - 0.00989 mg/kg, estimated values of isopropyltoluene, xylene, styrene, tetrachloroethene, toluene, trichloroethene and 0.183 mg/kg TICs;
- C-03 (0.0524 mg/kg TICs), and
- C-04 (0.22 mg/kg acetone and 0.275 mg/kg TICs).

Parameter	C-04	NY UNRES
Acetone	0.22	0.05

Results reported in mg/kg

5.0 QUALITATIVE EXPOSURE ASSESSMENT

A qualitative exposure assessment was completed in accordance with DER-10 Sections 3.3(c)4 and the associated Appendix 3B. The assessment included what impacts site contaminants may have, if any, on all media (ground/surface water, soil, soil vapor, ambient air and biota). Human health and ecological exposure impacts were assessed as outlined in DER-10 Appendix 3B Qualitative Human Health Exposure Assessment and DER-10 Appendix 3C Fish and Wildlife Resources Impact Analysis Decision Key. The Appendix 3C Fish and Wildlife resources Impact Analysis (FWRIA) Decision Key is provided in **Appendix G**.

The Remedial Investigation identified non-target contaminants (nickel and lead in soil and iron, sodium, PFAS and limited SVOCs in groundwater), however, the purpose of the investigation was to identify the source of the chlorinated solvents, no known on-site source for these was identified, and based on the depth of impact is likely due to naturally occurring conditions or off-site sources.

5.1 Qualitative Human Health Exposure Assessment (QHHEA)

The QHHEA evaluated the five elements (DER-l0 Appendix 3B) associated with exposure pathways, and described how each of these elements pertains to the Site. The exposure pathway elements are described below:

1. Receptor population;
2. Contaminant source;
3. Contaminant release and transport mechanism;
4. Point of exposure; and,
5. Route of exposure.

As called for in DER-10, an exposure pathway is complete when all five elements of an exposure pathway are documented; a potential exposure pathway exists when any one or more of the five elements comprising an exposure pathway is not documented but could reasonably occur. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway does not exist in the present and will not exist in the future.

5.1.1 Receptor Population

The receptor population includes the people who are or may be exposed to contaminants at a point of exposure. The identification of potential human receptors is based on the characteristics of the Site, the surrounding land uses, and the probable future land uses. The Site building has two commercial retail tenant spaces: 43 Lafayette Avenue is vacant and was formerly occupied by American Two Cleaners (ATC); 45 Lafayette Avenue is currently occupied by a wellness program tenant. Therefore, receptors would include the owner and contractors for the maintenance of Unit 43 and employees and patrons of Unit 45 that may be employed to perform work on the property. A letter, dated January 27, 2023, was sent notifying the current tenant in Unit 45 of the indoor air results, summarized in Section 4.3.2, for the sample collected in Unit

45. Exposure routes would include inhalation of sub-slab soil vapors migrating to indoor air.

At this time, the plans for the Site remain as they are. Exposed receptors may compromise employees and contractors who may be employed to perform work on the property. Site visitors (retail patrons) may also be considered receptors; however, their exposure would be similar to that of the indoor employees but at a lesser frequency and duration.

The Site is adjoined by a building to the west, only. No structure adjoins the Site building to the south, and Lafayette Avenue and Chestnut Street border the Site to the north and east. The buildings surrounding the Site are used for commercial purposes. Some adjacent and nearby buildings are mixed use with commercial occupants on the ground floor and residential use on the second floor.

5.1.2 Contaminant Sources

The source of contamination is defined as either the source of contaminant release to the environment (such as a waste disposal area or point of discharge) or the impacted environmental medium (soil, air, water) at the point of exposure. Sections 6.0 and 7.0 discuss the COCs present in the Site media at elevated concentrations. This investigation was conducted to identify the source of the chlorinated solvent impact observed at the Site associated with past dry-cleaning operations. A source for chlorinated solvent impact is assumed to be the form dry cleaner operation, however laboratory analysis did not identify impact in concrete, soil, or ground water.

The non-target contaminants PAH, PFOA, sodium and iron were identified in ground water samples. The non-target contaminants nickel and lead were identified in soil samples, and acetone was detected in concrete samples. The source for non-target contaminants is not known and may be attributed to historical fill and/or off site or naturally occurring sources.

5.1.3 Contaminant Release and Transport Mechanism

Contaminant release and transport mechanisms carry contaminants from the source to points where people may be exposed and are specific to the type of contaminant and Site use. For the limited Chlorinated VOCs present in soil vapor, the potential exists for exposure through pathways associated with soil vapor intrusion. This would include the indoor vapor intrusion pathway. Under the current and future use scenario, soil vapor intrusion is a relevant transport mechanism. Soil vapor intrusion would entail soil vapor migrating from under the building slab and impacting the indoor air above the slab.

Based on the soil vapor intrusion, groundwater, and soil results, off-site migration of contaminants of concern is possible.

Transport of non-target contaminants may migrate with groundwater. Due to the low volatility of the contaminants, relative stability in soil, and low-permeable surface cover in the Site area, significant vapor phase transport and migration through soil appears to be

unlikely.

5.1.4 Exposure Routes and Mechanisms

The point of exposure is a location where actual or potential human contact with a contaminated medium may occur. Based on the exceedances of guidance values for limited chlorinated VOCs in soil vapor and indoor air, the point of exposure is defined as the entire Site.

The route of exposure is the way a contaminant enters or contacts the body (e.g., ingestion, inhalation, dermal absorption). Based on the types of receptors and points of exposure identified above, potential routes of exposure are listed below:

Current Use Scenario: The Site is occupied by a one-story building and basement with a four to 6 inch thick concrete slab as well as concrete sidewalks along the Site boundaries. Exposure to contaminated surface soil and contaminated groundwater is not likely due to the low-permeability barriers and use of municipal water for potable purposes. Release and transport mechanisms include sub-slab soil vapors migrating to indoor air.

- Employee/Patron - inhalation
- Contractors - inhalation

Future Use Scenario: The Site is planned to remain as a commercial space with potential cafe or retail store operations. The release and transport mechanisms remain the same as the current use scenario.

The potential for soil vapor migration of contaminants of concern off-site exists. People are not drinking the contaminated groundwater because the area is served by a public water supply that is unaffected by this contamination. Exposure to contaminants in soil is limited due to the presence of impervious surfaces.

5.1.5 Exposure Assessment

Based on the above assessment, the potential exposure pathways for the current and future use conditions are listed below.

Current Use Scenario: Site contamination includes limited chlorinated VOCs related to historic site operations, and although not part of the former Site observations, exposure scenarios for SVOCs and metals are related to direct contact and the risk of exposure is addressed in a similar way to the VOC. Under current conditions, the exposure to soil or groundwater is not likely, as the site is completely capped by a building and concrete sidewalks. Potable water for the Village of Suffern will continue to be sourced from the Municipal Utilities Authority. All intrusive work on the Site is done in accordance with a Site-Specific Health and Safety Plan and donning of PPE. Exposure to sub-slab soil vapor is likely via indoor air and mitigation is required. In most instances, these exposures can be mitigated through the use of engineering controls, including sealing of the basement slab and sump, soil vapor extraction, and/or installation of sub-slab

depressurization systems. Currently, all cracks in the basement slab have been sealed, the sump has been covered and sealed to limit vapor intrusion to the basement indoor air.

Future Use Scenario: The Site is planned to remain as a commercial space with potential cafe or retail store operations. Exposure to sub-slab soil vapor is via indoor air as in the current use scenario. These exposures can be mitigated through the use of engineering controls as mentioned above.

The potential for soil vapor migration of contaminants of concern off-site exists. On-site exposures may be mitigated with the use of an engineering control. People are not drinking the contaminated groundwater because the area is served by a public water supply that is unaffected by this contamination. Exposure to contaminants in soil is limited due to the presence of impervious surfaces.

5.2 Fish and Wildlife Impact Analysis

NYSDEC DER-10 requires an on site and off site Fish and Wildlife Resource Impact Analysis if the stipulated criteria are met. The Site, which was occupied by dry-cleaning operations from the early 1950s, is located within a mixed-use commercial and residential area of the Village of Suffern, New York. The Site provides no wildlife habitat or food value and/or access to the detected subsurface contamination. No natural waterways are present on or adjacent to the Site. The proposed future use of the Site is for commercial purposes. As such, no unacceptable ecological risks are expected under the current and future use scenario.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the Remedial Investigation, the following conclusions have been identified:

- The target contaminants at the Site are tetrachloroethene and its breakdown compounds (trichloroethene and cis-1,2-dichloroethene) with impacts to soil vapor and indoor air.
- The origin of the tetrachloroethene, trichloroethene and cis-1,2-dichloroethene contamination in the sub-slab vapors are likely attributed to the former dry-cleaning operations of more than 60 years; however, the lack of these contaminants in the soil, groundwater and concrete indicate there is no source continuing to contribute to the contamination.
- The target contaminants were not identified in soil or groundwater, therefore delineation in these media is complete and the potential for off-site migration is minimal.
- Limited concentrations of SVOCs, metals, and PFAS were detected in soil and groundwater, and their origin is unknown based on the historical Site operations. The source is likely historical fill material, and/or an off-site or naturally occuring source. These non-target contaminants may represent an area-wide or regional condition. Migration of these non-target contaminants across the Site may be minimal due to the nature of the contaminants and extensive low-permeable ground cover.
- The exposure risk to the non-target contaminants for on- and off-site potential receptors is minimal due to the low potential for direct contact and their non-volatile nature. Additionally, groundwater at the Site location is not used for potable purposes.
- Characterization of the surface and subsurface at the Site has been completed, including topography, depth to groundwater, and the quality of the shallow aquifer.
- The QHHEA has been completed for the Site and potential receptors and pathways were identified for all scenarios.
- The Fish and Wildlife Impact Analysis was completed for the Site and no unacceptable ecological risks are expected under the current and future use scenario.

Based on the results of the RI, remedial action will be necessary to address the migration of the impacted sub-slab soil vapor to the indoor air. EnviroSure is evaluating the utilization of a combination of remedial techniques with a Professional Engineer. Applicable strategies will include the implementation of engineering controls by way of resealing and maintaining the basement concrete slab, maintaining the sealed sump, and installation of a sub-slab depressurization system which will be detailed in a Remedial Action Workplan.

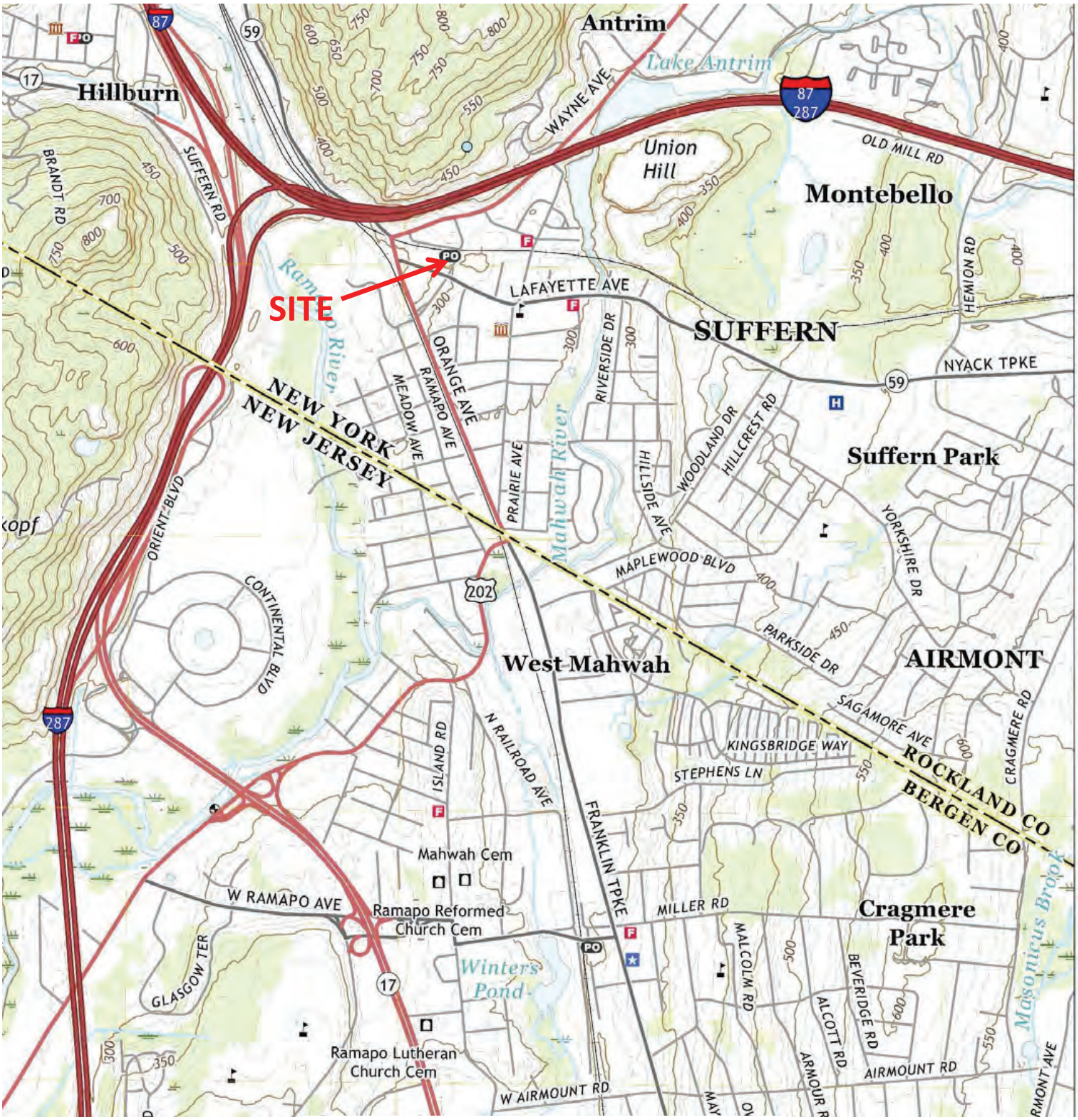
7.0 REFERENCES

Brownfield Cleanup Program Application. 43-45 Lafayette Avenue, American Two Cleaners, BCP #C344085. Prepared for Reds Crib LLC by EnviroSure, Inc. for submission to the New York State Department of Environmental Conservation. Submitted in April 2021.

EnviroSure, Inc. (November 17, 2021). Work Plan for Remedial Investigation, 43-45 Lafayette Avenue, American Two Cleaners, BCP #C344085, Suffern Village, Rockland County, New York.

Program Policy DER-10, “Technical Guidance for Site Investigation and Remediation,” New York State Department of Environmental Conservation. May 2010.

FIGURES



SCALE 1:24 000

1 0.5 0 KILOMETERS 1 2

1000 500 0 METERS 1000 2000

1 0.5 0 1 MILES

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 FEET

LEGEND

SOURCE: RAMSEY QUADRANGLE, NEW JERSEY/NEW YORK 7.5 MINUTE SERIES, USGS 2019

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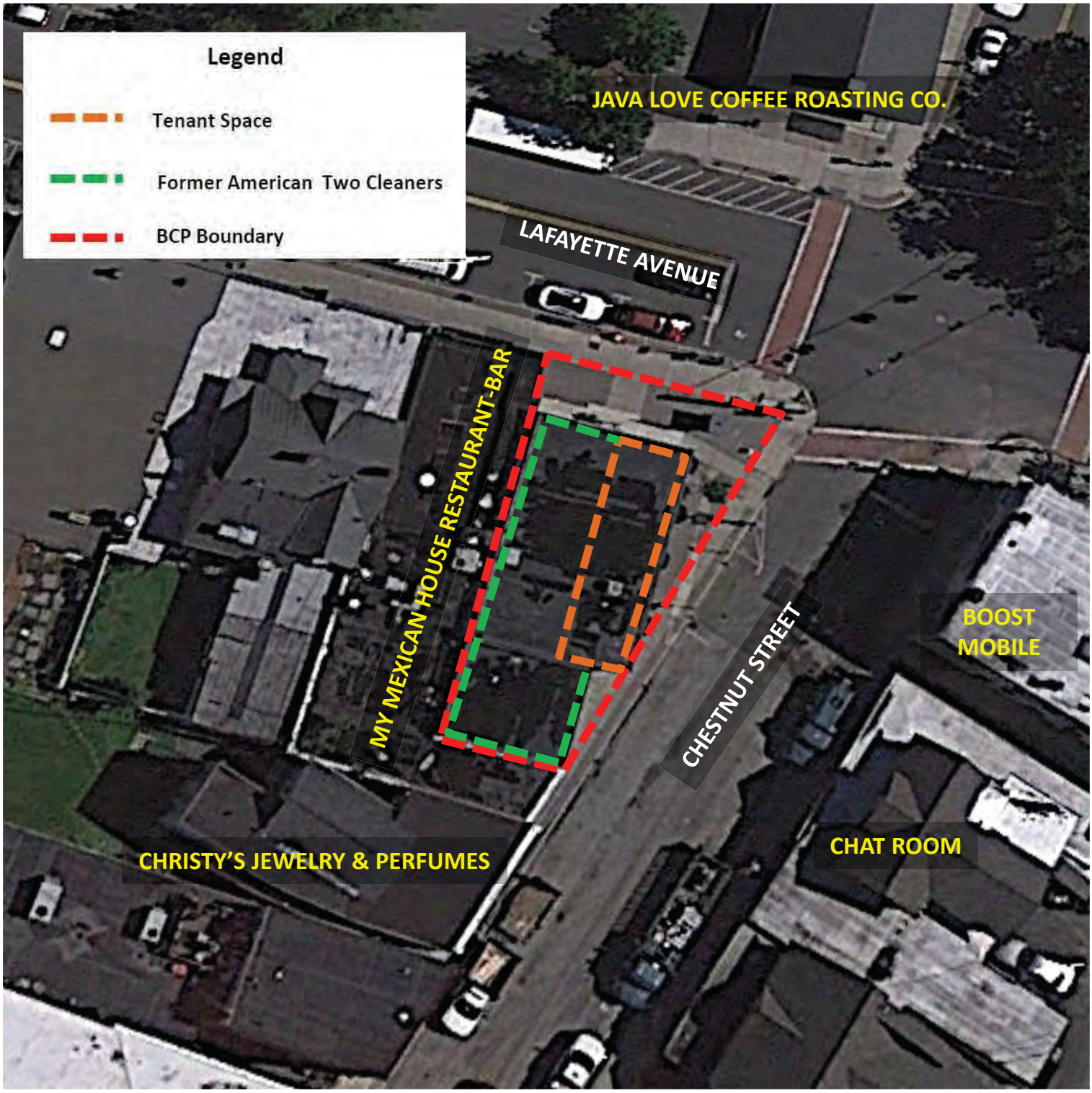
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621 SHREWSBURY AVENUE, SUITE 151, SHREWSBURY, NJ 07702

FIGURE 1

SITE LOCATION MAP
43-45 LAFAYETTE AVENUE
SUFFERN VILLAGE
ROCKLAND COUNTY, NEW YORK

APPROVED BY	D. OGONOWSKI
DRAWN BY	D. GROTHUSEN
PROJECT DRAWING NO.	SO833-1

SCALE	CONTOUR INTERVAL	DATE
1:24,000	10 feet	1/7/2021



LEGEND

SOURCE: GOOGLE EARTH PRO, IMAGE DATE 6/25/2019

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621 SHREWSBURY AVENUE, SUITE 151, SHREWSBURY, NJ 07702

APPROVED BY D. OGONOWSKI

DRAWN BY D. GROTHUSEN

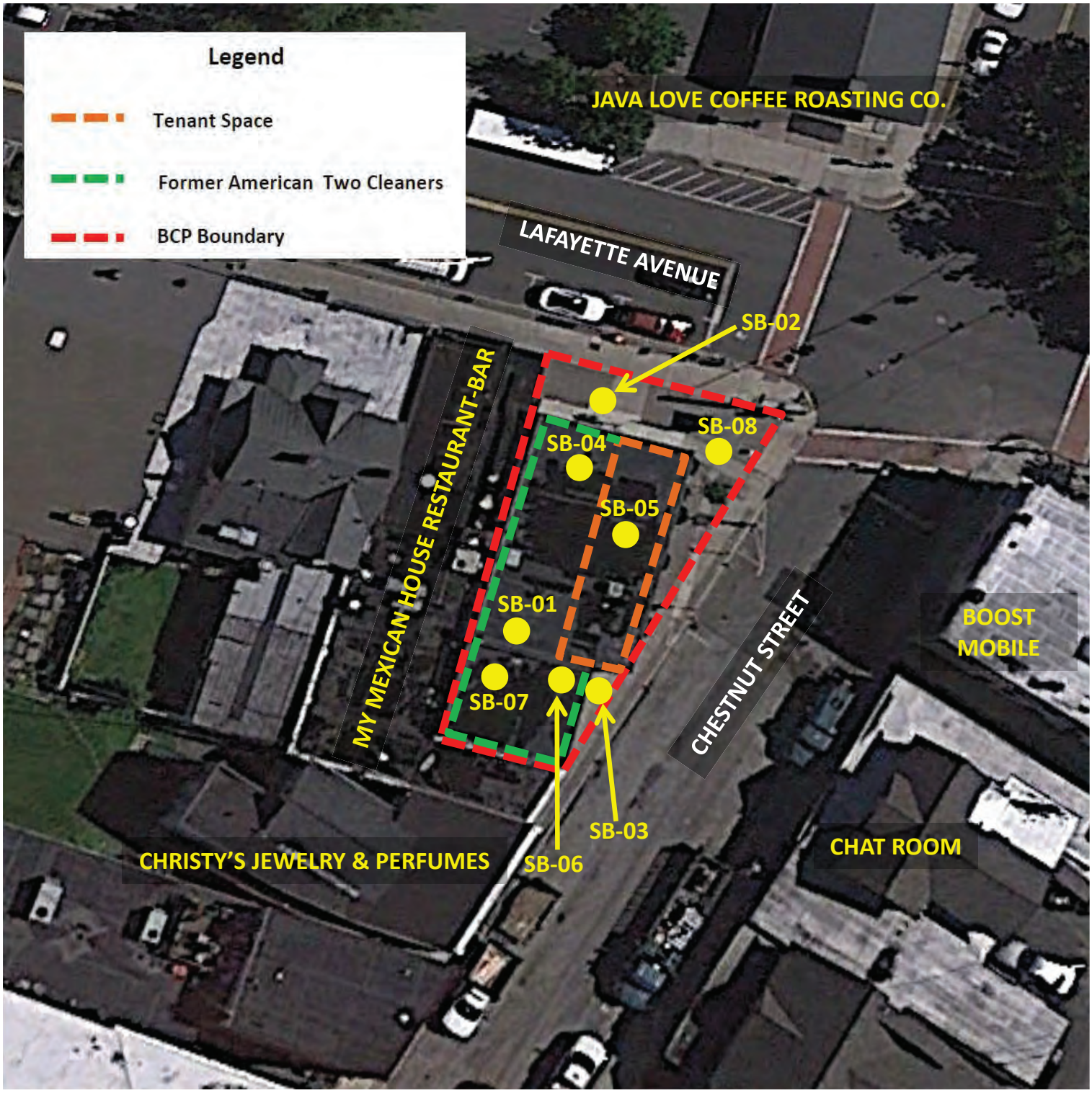
PROJECT DRAWING NO. SO833-2

SCALE 1":38 feet

DATE 1/7/2021

FIGURE 2

SITE LAYOUT MAP
43-45 LAFAYETTE AVENUE
SUFFERN VILLAGE
ROCKLAND COUNTY, NEW YORK



LEGEND

SOURCE: GOOGLE EARTH PRO, IMAGE DATE 6/25/2019

Soil Boring Location

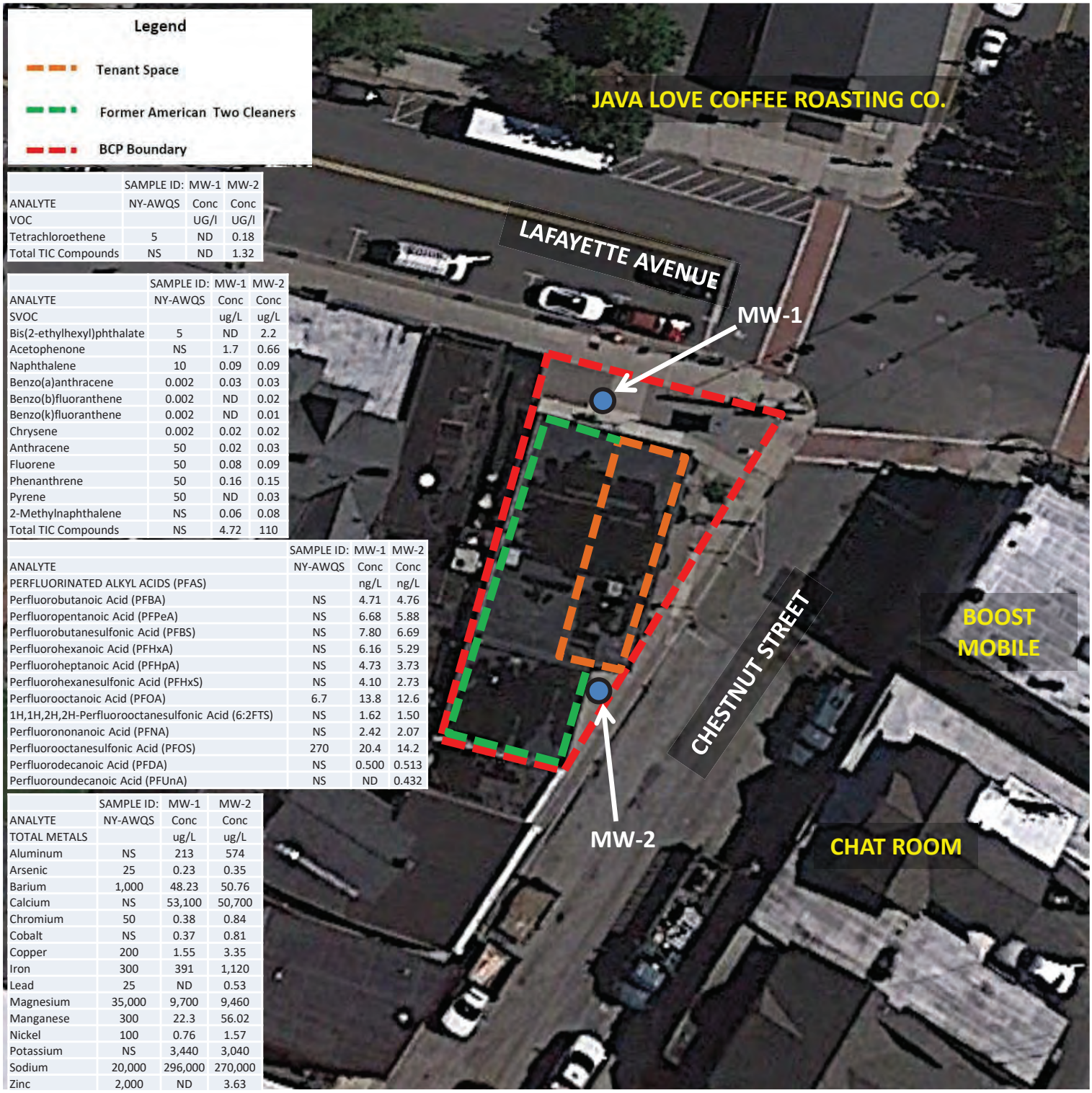
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APPROVED BY	D. OGONOWSKI
DRAWN BY	D. GROTHUSEN
PROJECT DRAWING NO.	S01241-2

FIGURE 3

SOIL BORING LOCATION MAP
43-45 LAFAYETTE AVENUE
SUFFERN VILLAGE
ROCKLAND COUNTY, NEW YORK

SCALE	SITE NO.	DATE
1":38 feet	C344085	5/13/2022



	SAMPLE ID:	MW-1	MW-2
ANALYTE	NY-AWQS	Conc	Conc
VOC		UG/l	UG/l
Tetrachloroethene	5	ND	0.18
Total TIC Compounds	NS	ND	1.32

	SAMPLE ID:	MW-1	MW-2
ANALYTE	NY-AWQS	Conc	Conc
SVOC		ug/L	ug/L
Bis(2-ethylhexyl)phthalate	5	ND	2.2
Acetophenone	NS	1.7	0.66
Naphthalene	10	0.09	0.09
Benzo(a)anthracene	0.002	0.03	0.03
Benzo(b)fluoranthene	0.002	ND	0.02
Benzo(k)fluoranthene	0.002	ND	0.01
Chrysene	0.002	0.02	0.02
Anthracene	50	0.02	0.03
Fluorene	50	0.08	0.09
Phenanthrene	50	0.16	0.15
Pyrene	50	ND	0.03
2-Methylnaphthalene	NS	0.06	0.08
Total TIC Compounds	NS	4.72	110

	SAMPLE ID:	MW-1	MW-2
ANALYTE	NY-AWQS	Conc	Conc
PERFLUORINATED ALKYL ACIDS (PFAS)		ng/L	ng/L
Perfluorobutanoic Acid (PFBA)	NS	4.71	4.76
Perfluoropentanoic Acid (PFPeA)	NS	6.68	5.88
Perfluorobutanesulfonic Acid (PFBS)	NS	7.80	6.69
Perfluorohexanoic Acid (PFHxA)	NS	6.16	5.29
Perfluoroheptanoic Acid (PFHpA)	NS	4.73	3.73
Perfluorohexanesulfonic Acid (PFHxS)	NS	4.10	2.73
Perfluorooctanoic Acid (PFOA)	6.7	13.8	12.6
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NS	1.62	1.50
Perfluorononanoic Acid (PFNA)	NS	2.42	2.07
Perfluorooctanesulfonic Acid (PFOS)	270	20.4	14.2
Perfluorodecanoic Acid (PFDA)	NS	0.500	0.513
Perfluoroundecanoic Acid (PFUnA)	NS	ND	0.432

	SAMPLE ID:	MW-1	MW-2
ANALYTE	NY-AWQS	Conc	Conc
TOTAL METALS		ug/L	ug/L
Aluminum	NS	213	574
Arsenic	25	0.23	0.35
Barium	1,000	48.23	50.76
Calcium	NS	53,100	50,700
Chromium	50	0.38	0.84
Cobalt	NS	0.37	0.81
Copper	200	1.55	3.35
Iron	300	391	1,120
Lead	25	ND	0.53
Magnesium	35,000	9,700	9,460
Manganese	300	22.3	56.02
Nickel	100	0.76	1.57
Potassium	NS	3,440	3,040
Sodium	20,000	296,000	270,000
Zinc	2,000	ND	3.63





LEGEND

SOURCE: GOOGLE EARTH PRO, IMAGE DATE 6/25/2019

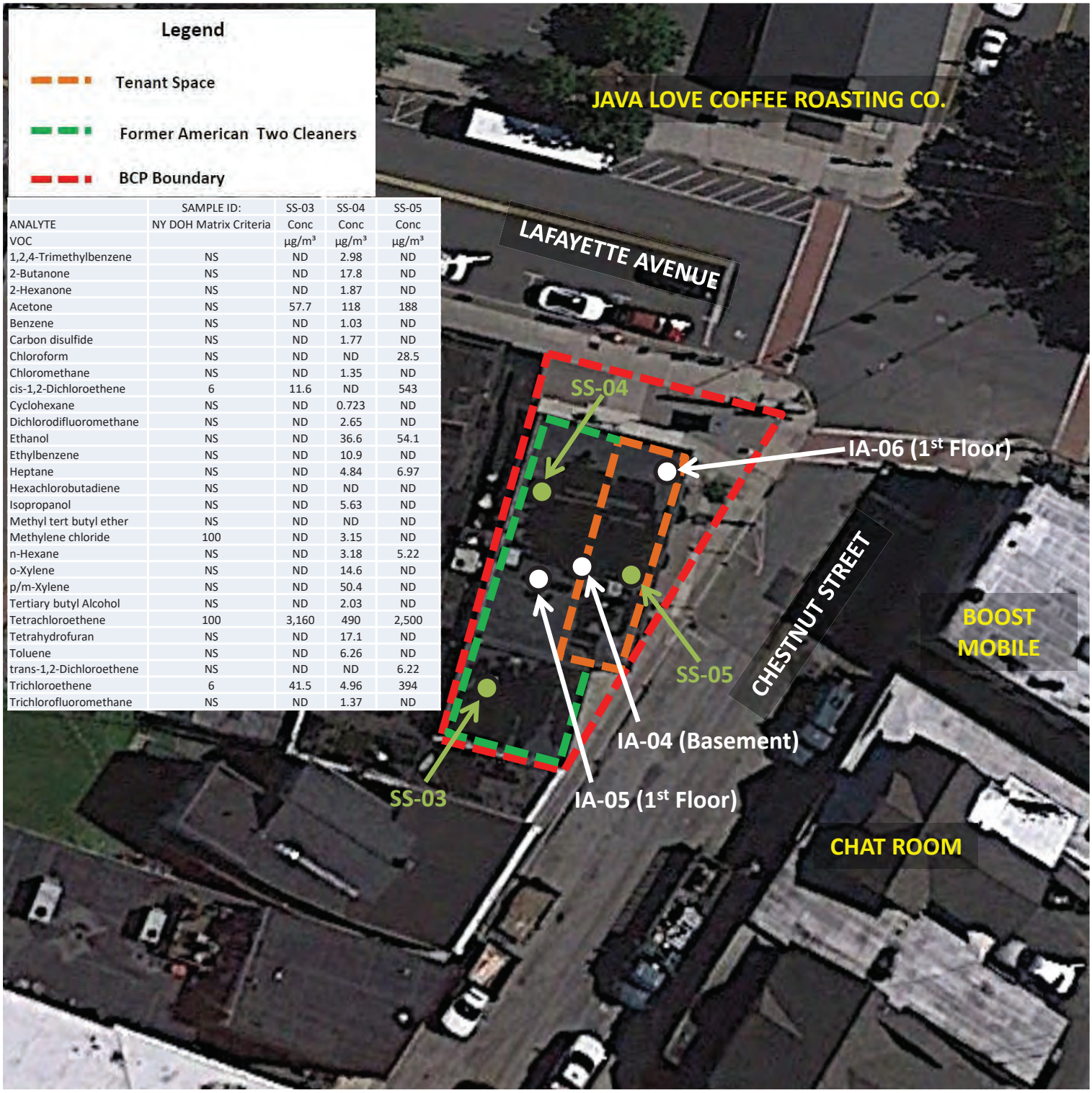
Monitoring Well Location

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FIGURE 4

GROUNDWATER SAMPLE LOCATION MAP
43-45 LAFAYETTE AVENUE
SUFFERN VILLAGE
ROCKLAND COUNTY, NEW YORK

APPROVED BY	J.LANG
DRAWN BY	J.OSTROW
PROJECT DRAWING NO.	S01241-4
SCALE	1":38 feet
SITE NO.	C344085
DATE	5/13/2022



	SAMPLE ID:	SS-03	SS-04	SS-05
ANALYTE	NY DOH Matrix Criteria	Conc	Conc	Conc
VOC		µg/m³	µg/m³	µg/m³
1,2,4-Trimethylbenzene	NS	ND	2.98	ND
2-Butanone	NS	ND	17.8	ND
2-Hexanone	NS	ND	1.87	ND
Acetone	NS	57.7	118	188
Benzene	NS	ND	1.03	ND
Carbon disulfide	NS	ND	1.77	ND
Chloroform	NS	ND	ND	28.5
Chloromethane	NS	ND	1.35	ND
cis-1,2-Dichloroethene	6	11.6	ND	543
Cyclohexane	NS	ND	0.723	ND
Dichlorodifluoromethane	NS	ND	2.65	ND
Ethanol	NS	ND	36.6	54.1
Ethylbenzene	NS	ND	10.9	ND
Heptane	NS	ND	4.84	6.97
Hexachlorobutadiene	NS	ND	ND	ND
Isopropanol	NS	ND	5.63	ND
Methyl tert butyl ether	NS	ND	ND	ND
Methylene chloride	100	ND	3.15	ND
n-Hexane	NS	ND	3.18	5.22
o-Xylene	NS	ND	14.6	ND
p/m-Xylene	NS	ND	50.4	ND
Tertiary butyl Alcohol	NS	ND	2.03	ND
Tetrachloroethene	100	3,160	490	2,500
Tetrahydrofuran	NS	ND	17.1	ND
Toluene	NS	ND	6.26	ND
trans-1,2-Dichloroethene	NS	ND	ND	6.22
Trichloroethene	6	41.5	4.96	394
Trichlorofluoromethane	NS	ND	1.37	ND

LEGEND

SOURCE: GOOGLE EARTH PRO, IMAGE DATE 6/25/2019

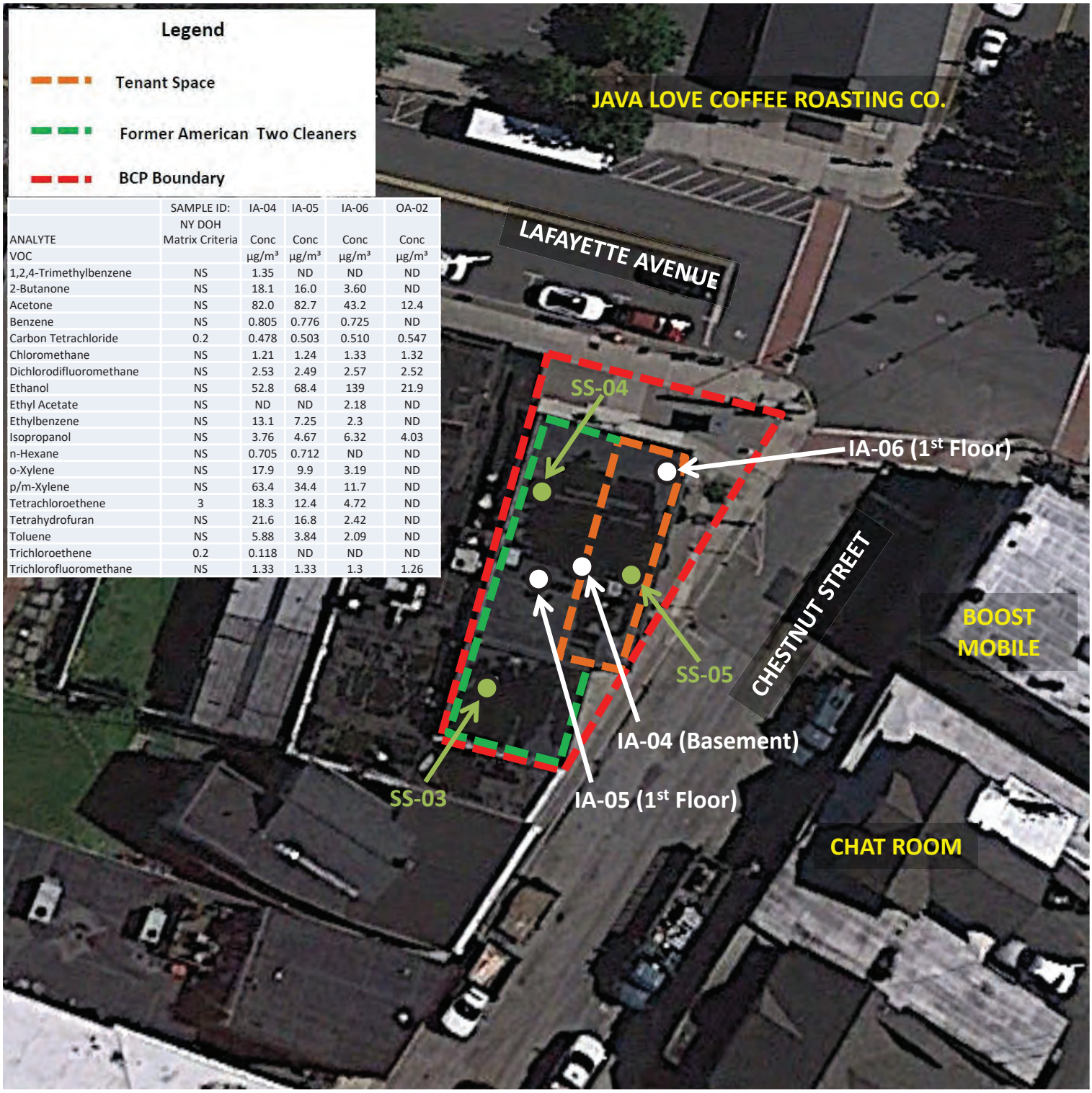
- Sub-Slab Sample Location
- Indoor Air Sample Location

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FIGURE 5

SUB-SLAB VAPOR, INDOOR AIR, CONCRETE SAMPLE LOCATION AND SOIL VAPOR RESULTS MAP
43-45 LAFAYETTE AVENUE
SUFFERN VILLAGE
ROCKLAND COUNTY, NEW YORK

APPROVED BY	J.LANG
DRAWN BY	J.OSTROW
PROJECT DRAWING NO.	S01241-5
SCALE	1":38 feet
SITE NO.	C344085
DATE	5/13/2022



	SAMPLE ID:	IA-04	IA-05	IA-06	OA-02
ANALYTE	NY DOH Matrix Criteria	Conc	Conc	Conc	Conc
VOC		µg/m³	µg/m³	µg/m³	µg/m³
1,2,4-Trimethylbenzene	NS	1.35	ND	ND	ND
2-Butanone	NS	18.1	16.0	3.60	ND
Acetone	NS	82.0	82.7	43.2	12.4
Benzene	NS	0.805	0.776	0.725	ND
Carbon Tetrachloride	0.2	0.478	0.503	0.510	0.547
Chloromethane	NS	1.21	1.24	1.33	1.32
Dichlorodifluoromethane	NS	2.53	2.49	2.57	2.52
Ethanol	NS	52.8	68.4	139	21.9
Ethyl Acetate	NS	ND	ND	2.18	ND
Ethylbenzene	NS	13.1	7.25	2.3	ND
Isopropanol	NS	3.76	4.67	6.32	4.03
n-Hexane	NS	0.705	0.712	ND	ND
o-Xylene	NS	17.9	9.9	3.19	ND
p/m-Xylene	NS	63.4	34.4	11.7	ND
Tetrachloroethene	3	18.3	12.4	4.72	ND
Tetrahydrofuran	NS	21.6	16.8	2.42	ND
Toluene	NS	5.88	3.84	2.09	ND
Trichloroethene	0.2	0.118	ND	ND	ND
Trichlorofluoromethane	NS	1.33	1.33	1.3	1.26

LEGEND

SOURCE: GOOGLE EARTH PRO, IMAGE DATE 6/25/2019

- Sub-Slab Sample Location
- Indoor Air Sample Location

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621 SHREWSBURY AVENUE, SUITE 151, SHREWSBURY, NJ 07702

APPROVED BY	S.SMITH
DRAWN BY	J.OSTROW
PROJECT DRAWING NO.	S01241-6

FIGURE 6

SUB-SLAB VAPOR, INDOOR AIR, CONCRETE SAMPLE LOCATION AND INDOOR AIR RESULTS MAP
43-45 LAFAYETTE AVENUE
SUFFERN VILLAGE
ROCKLAND COUNTY, NEW YORK

SCALE 1":38 feet | SITE NO. C344085 | DATE 4/10/2023

TABLES

Table 1A
Soil Sample Results Summary - VOCs
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

								SAMPLE ID:	SB-01-12.0-12.5				SB-02-8.0-8.5				SB-03-12.0-12.5				SB-04-9.5-10.0			
								SAMPLING DATE:	1/13/2022				1/6/2022				1/6/2022				1/13/2022			
								SAMPLE DEPTH (fbgs):	12.0-12.5				8.0-8.5				12.0-12.5				9.5-10.0			
								SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
ANALYTE	NY-RESC	NY-RESER	NY-RESGW	NY-RESI	NY-RESR	NY-RESRR	NY-UNRES		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANIC COMPOUNDS (VOCs)																								
1,1,1,2-Tetrachloroethane	NS	NS	NS	NS	NS	NS	NS		<0.00012	U	0.00047	0.00012	<0.00012	U	0.00046	0.00012	<0.00014	U	0.00052	0.00014	<0.00015	U	0.00056	0.00015
1,1,1-Trichloroethane	500	NS	0.68	1000	100	100	0.68		<0.00016	U	0.00047	0.00016	<0.00015	U	0.00046	0.00015	<0.00017	U	0.00052	0.00017	<0.00019	U	0.00056	0.00019
1,1,2,2-Tetrachloroethane	NS	NS	NS	NS	NS	NS	NS		<0.00016	U	0.00047	0.00016	<0.00015	U	0.00046	0.00015	<0.00017	U	0.00052	0.00017	<0.00018	U	0.00056	0.00018
1,1,2-Trichloroethane	NS	NS	NS	NS	NS	NS	NS		<0.00025	U	0.00095	0.00025	<0.00024	U	0.00092	0.00024	<0.00028	U	0.0010	0.00028	<0.00030	U	0.0011	0.00030
1,1-Dichloroethane	240	NS	0.27	480	19	26	0.27		<0.00014	U	0.00095	0.00014	<0.00013	U	0.00092	0.00013	<0.00015	U	0.0010	0.00015	<0.00016	U	0.0011	0.00016
1,1-Dichloroethene	500	NS	0.33	1000	100	100	0.33		<0.00022	U	0.00095	0.00022	<0.00022	U	0.00092	0.00022	<0.00025	U	0.0010	0.00025	<0.00026	U	0.0011	0.00026
1,1-Dichloropropene	NS	NS	NS	NS	NS	NS	NS		<0.00015	U	0.00047	0.00015	<0.00015	U	0.00046	0.00015	<0.00016	U	0.00052	0.00016	<0.00018	U	0.00056	0.00018
1,2,3-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS		<0.00030	U	0.0019	0.00030	<0.00030	U	0.0018	0.00030	<0.00033	U	0.0021	0.00033	<0.00036	U	0.0022	0.00036
1,2,3-Trichloropropane	NS	NS	NS	NS	NS	NS	NS		<0.00012	U	0.0019	0.00012	<0.00012	U	0.0018	0.00012	<0.00013	U	0.0021	0.00013	<0.00014	U	0.0022	0.00014
1,2,4,5-Tetramethylbenzene	NS	NS	NS	NS	NS	NS	NS		<0.00018	U	0.0019	0.00018	<0.00018	U	0.0018	0.00018	0.00097	J	0.0021	0.0002	<0.00021	U	0.0022	0.00021
1,2,4-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS		<0.00026	U	0.0019	0.00026	<0.00025	U	0.0018	0.00025	<0.00028	U	0.0021	0.00028	<0.00030	U	0.0022	0.00030
1,2,4-Trimethylbenzene	190	NS	3.6	380	47	52	3.6		<0.00032	U	0.0019	0.00032	<0.00031	U	0.0018	0.00031	<0.00034	U	0.0021	0.00034	<0.00037	U	0.0022	0.00037
1,2-Dibromo-3-chloropropane	NS	NS	NS	NS	NS	NS	NS		<0.00094	U	0.0028	0.00094	<0.00092	U	0.0028	0.00092	<0.0010	U	0.0031	0.0010	<0.0011	U	0.0033	0.0011
1,2-Dibromoethane	NS	NS	NS	NS	NS	NS	NS		<0.00026	U	0.00095	0.00026	<0.00026	U	0.00092	0.00026	<0.00029	U	0.001	0.00029	<0.00031	U	0.0011	0.00031
1,2-Dichlorobenzene	500	NS	1.1	1,000	100	100	1.1		<0.00014	U	0.0019	0.00014	<0.00013	U	0.0018	0.00013	<0.00015	U	0.0021	0.00015	<0.00016	U	0.0022	0.00016
1,2-Dichloroethane	30	10	0.02	60	2.3	3.1	0.02		<0.00024	U	0.00095	0.00024	<0.00024	U	0.00092	0.00024	<0.00026	U	0.0010	0.00026	<0.00029	U	0.0011	0.00029
1,2-Dichloroethene, Total	NS	NS	NS	NS	NS	NS	NS		0.00094	J	0.00095	0.00013	<0.00013	U	0.00092	0.00013	0.00063	J	0.0010	0.00014	<0.00015	U	0.0011	0.00015
1,2-Dichloropropane	NS	NS	NS	NS	NS	NS	NS		<0.00012	U	0.00095	0.00012	<0.00012	U	0.00092	0.00012	<0.00013	U	0.0010	0.00013	<0.00014	U	0.0011	0.00014
1,3,5-Trimethylbenzene	190	NS	8.4	380	47	52	8.4		<0.00018	U	0.0019	0.00018	<0.00018	U	0.0018	0.00018	<0.00020	U	0.0021	0.00020	<0.00022	U	0.0022	0.00022
1,3-Dichlorobenzene	280	NS	2.4	560	17	49	2.4		<0.00014	U	0.0019	0.00014	<0.00014	U	0.0018	0.00014	<0.00015	U	0.0021	0.00015	<0.00016	U	0.0022	0.00016
1,3-Dichloropropane	NS	NS	NS	NS	NS	NS	NS		<0.00016	U	0.0019	0.00016	<0.00015	U	0.0018	0.00015	<0.00017	U	0.0021	0.00017	<0.00019	U	0.0022	0.00019
1,3-Dichloropropene, Total	NS	NS	NS	NS	NS	NS	NS		<0.00015	U	0.00047	0.00015	<0.00014	U	0.00046	0.00014	<0.00016	U	0.00052	0.00016	<0.00018	U	0.00056	0.00018
1,4-Dichlorobenzene	130	20	1.8	250	9.8	13	1.8		<0.00016	U	0.0019	0.00016	<0.00016	U	0.0018	0.00016	<0.00018	U	0.0021	0.00018	<0.00019	U	0.0022	0.00019
1,4-Dioxane	130	0.1	0.1	250	9.8	13	0.1		<0.033	U	0.076	0.033	<0.032	U	0.074	0.032	<0.036	U	0.083	0.036	<0.039	U	0.089	0.039
2,2-Dichloropropane	NS	NS	NS	NS	NS	NS	NS		<0.00019	U	0.0019	0.00019	<0.00019	U	0.0018	0.00019	<0.00021	U	0.0021	0.00021	<0.00022	U	0.0022	0.00022
2-Butanone	500	100	0.12	1,000	100	100	0.12		<0.0021	U	0.0095	0.0021	<0.0020	U	0.0092	0.0020	<0.0023	U	0.010	0.0023	<0.0025	U	0.011	0.0025
2-Hexanone	NS	NS	NS	NS	NS	NS	NS		<0.0011	U	0.0095	0.0011	<0.0011	U	0.0092	0.0011	<0.0012	U	0.010	0.0012	<0.0013	U	0.011	0.0013
4-Methyl-2-pentanone	NS	NS	NS	NS	NS	NS	NS		<0.0012	U	0.0095	0.0012	<0.0012	U	0.0092	0.0012	<0.0013	U	0.010	0.0013	<0.0014	U	0.011	0.0014
Acetone	500	2.2	0.05	1,000	100	100	0.05		<0.0046	U	0.0095	0.0046	<0.0044	U	0.0092	0.0044	<0.0050	U	0.010	0.0050	<0.0054	U	0.011	0.0054
Acrylonitrile	NS	NS	NS	NS	NS	NS	NS		<0.0011	U	0.0038	0.0011	<0.0010	U	0.0037	0.0010	<0.0012	U	0.0041	0.0012	<0.0013	U	0.0044	0.0013
Benzene	44	70	0.06	89	2.9	4.8	0.06		<0.00016	U	0.00047	0.00016	<0.00015	U	0.00046	0.00015	<0.00017	U	0.00052	0.00017	<0.00018	U	0.00056	0.00018
Bromobenzene	NS	NS	NS	NS	NS	NS	NS		<0.00014	U	0.0019	0.00014	<0.00013	U	0.0018	0.00013	<0.00015	U	0.0021	0.00015	<0.00016	U	0.0022	0.00016
Bromochloromethane	NS	NS	NS	NS	NS	NS	NS		<0.00019	U	0.0019	0.00019	<0.00019	U	0.0018	0.00019	<0.00021	U	0.0021	0.00021	<0.00023	U	0.0022	0.00023
Bromodichloromethane	NS	NS	NS	NS	NS	NS	NS		<0.00010	U	0.00047	0.00010	<0.00010	U	0.00046	0.00010	<0.00011	U	0.00052	0.00011	<0.00012	U	0.00056	0.00012
Bromoform	NS	NS	NS	NS	NS	NS	NS		<0.00023	U	0.0038	0.00023	<0.00023	U	0.0037	0.00023	<0.00025	U	0.0041	0.00025	<0.00027	U	0.0044	0.00027
Bromomethane	NS	NS	NS	NS	NS	NS	NS		<0.00055	U	0.0019	0.00055	<0.00054	U	0.0018	0.00054	<0.0006	U	0.0021	0.0006	<0.00065	U	0.0022	0.00065
Carbon disulfide	NS	NS	NS	NS	NS	NS	NS		<0.0043	U	0.0095	0.0043	<0.0042	U	0.0092	0.0042	<0.0047	U	0.010	0.0047	<0.0051	U	0.011	0.0051
Carbon tetrachloride	22	NS	0.76	44	1.4	2.4	0.76		<0.00022	U	0.00095	0.00022	<0.00021	U	0.00092	0.00021	<0.00024	U	0.0010	0.00024	<0.00026	U	0.0011	0.00026
Chlorobenzene	500	40	1.1	1,000	100	100	1.1		<0.00012	U	0.00047	0.00012	<0.00012	U	0.00046	0.00012	<0.00013	U	0.00052	0.00013	<0.00014	U	0.00056	0.00014
Chloroethane	NS	NS	NS	NS	NS	NS	NS		<0.00043	U	0.0019	0.00043	<0.00042	U	0.0018	0.00042	<0.00047	U	0.0021	0.00047	<0.0005	U	0.0022	0.0005
Chloroform	350	12	0.37	700	10	49	0.37		<0.00013	U	0.0014	0.00013	<0.00013	U	0.0014	0.00013	<0.00014	U	0.0016	0.00014	<0.00016	U	0.0017	0.00016
Chloromethane	NS	NS	NS	NS	NS	NS	NS		<0.00088	U	0.0038	0.00088	<0.00086	U	0.0037	0.00086	<0.00096	U	0.0041	0.00096	<0.0010	U	0.0044	0.0010
cis-1,2-Dichloroethene	500	NS	0.25	1,000	59	100	0.25		0.00094	J	0.00095	0.00016	<0.00016	U	0.00092	0.00016	0.00063	J	0.0010	0.00018	<0.00019	U	0.0011	0.00019
cis-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	NS		<0.00015	U	0.00047	0.00015	<0.00014	U	0.00046	0.00014	<0.00016	U	0.00052	0.00016	<0.00018	U	0.00056	0.00018
Dibromochloromethane	NS	NS	NS	NS	NS	NS	NS		<0.00013	U	0.00095	0.00013	<0.00013	U	0.00092	0.00013	<0.00014	U	0.0010	0.00014	<0.00016	U	0.0011	0.00016
Dibromomethane	NS	NS	NS	NS	NS	NS	NS		<0.00022	U	0.0019	0.00022	<0.00022	U	0.0018	0.00022	<0.00025	U	0.0021	0.00025	<0.00026	U	0.0022	0.00026
Dichlorodifluoromethane	NS	NS	NS	NS	NS	NS	NS		<0.00087	U	0.0095	0.00087	<0.00084	U	0.0092	0.00084	<0.00095	U	0.010	0.00095	<0.0010	U	0.011	0.0010
Ethyl ether	NS	NS	NS	NS	NS	NS	NS		<0.00032	U	0.0019	0.00032	<0.00031	U	0.0018	0.00031	<0.00035	U	0.0021	0.00035	<0.00038	U	0.0022	0.00038
Ethylbenzene	390	NS	1	780	30	41	1		<0.00013	U	0.00095	0.00013	<0.00013	U	0.00092	0.00013	<0.00014	U	0.0010	0.00014	<0.00016	U	0.0011	0.00016
Hexachlorobutadiene	NS	NS	NS	NS	NS	NS	NS		<0.00016	U	0.0038	0.00016	<0.00016	U	0.0037	0.00016	<0.00017	U	0.0041	0.00017	<0.00019	U	0.0044	0.00019
Isopropylbenzene	NS	NS	NS	NS	NS	NS	NS		<0.00010	U	0.00095	0.00010	<0.00010	U	0.00092	0.00010	<0.00011	U	0.0010	0.00011	<0.00012	U	0.0011	0.00012
Methyl tert butyl ether	500	NS	0.93	1,000	62	100	0.93		<0.00019	U	0.0019	0.00019	<0.00018	U	0.0018	0.00018	<0.00021	U	0.0021	0.00021	<0.00022	U	0.0022	0.00022
Methylene chloride	500	12	0.05	1,000	51	100	0.05		<0.0022	U	0.0047	0.0022	<0.0021	U	0.0046	0.0021	<0.0024	U	0.0052	0.0024	<0.0026	U	0.0056	0.0026
n-Butylbenzene	500	NS	12	1,000	100	100	12		<0.00016	U	0.00095	0.00016	<0.00015	U	0.00092	0.00015	<0.00017	U	0.0010	0.00017	<0.00019	U	0.0011	0.00019
n-Propylbenzene	500	NS	3.9	1,000	100	100	3.9		<0.00016	U	0.00095	0.00016	<0.00016	U	0.00092	0.00016	<0.00018	U	0.0010	0.00018	<0.00019	U	0.0011	0.00019
Naphthalene	500	NS	12	1,000	100	100	12		<0.00062	U	0.0038	0.00062	<0.00060	U	0.0037	0.00060	0.00086	J	0.0041	0.00067	<0.00072	U	0.0044	0.00072
o-Chlorotoluene	NS	NS	NS	NS	NS	NS	NS		<0.00018	U	0.0019	0.00018	<0.00018	U	0.0018	0.00018	<0.00020	U	0.0021	0.00020	<0.00021	U	0.0022	0.00021
o-Xylene	NS	NS	NS	NS	NS	NS	NS		<0.00028	U	0.00095	0.00028	<0.00027	U	0.00092	0.00027	<0.00030	U	0.0010	0.00030	<0.00032	U	0.0011	0.00032
p-Chlorotoluene	NS	NS	NS	NS	NS	NS	NS		<0.00010	U	0.0019	0.00010	<0.00010	U	0.0018	0.00010	<0.00011	U	0.0021	0.00011	<0.00012	U	0.0022	0.00012
p-Diethylbenzene	NS	NS	NS	NS	NS	NS	NS		<0.00017	U	0.0019	0.00017	<0.00016	U	0.0018	0.00016	<0.00018	U	0.0021	0.00018	<0.00020	U	0.0022	0.00020
p-Ethyltoluene	NS	NS	NS	NS	NS	NS	NS		<0.00036	U	0.0019	0.00036	<0.00035	U	0.0018	0.00035	<0.00040	U	0.0021	0.00040	<0.00043	U	0.0022	0.00043
p-Isopropyltoluene	NS	NS	NS	NS	NS	NS	NS		<0.00010	U	0.00095	0.00010	<0.00010	U	0.00092	0.00010	<0.00011	U	0.001	0.00011	<0.00012	U	0.0011	0.00012
p/m-Xylene	NS	NS	NS	NS	NS	NS	NS		<0.00053	U	0.0019	0.00053	<0.00052	U	0.0018	0.00052	<0.00058	U	0.0021	0.00058	<0.00062	U	0.0022	0.00062
sec-Butylbenzene	500	NS	11	1,000	100	100	11		<0.00014	U	0.00095	0.00014	<0.00013	U	0.00092	0.00013	0.00050	J	0.0010	0.00015	<0.00016	U	0.0011	0.00016

Table 1A
Soil Sample Results Summary - VOCs
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

								SAMPLE ID:	SB-01-12.0-12.5				SB-02-8.0-8.5				SB-03-12.0-12.5				SB-04-9.5-10.0			
								SAMPLING DATE:	1/13/2022				1/6/2022				1/6/2022				1/13/2022			
								SAMPLE DEPTH (fbgs):	12.0-12.5				8.0-8.5				12.0-12.5				9.5-10.0			
								SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
ANALYTE	**NY-RESC**	**NY-RESER**	**NY-RESGW**	**NY-RESI**	**NY-RESR**	**NY-RESRR**	**NY-UNRES**		**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Styrene	NS	NS	NS	NS	NS	NS	NS		<0.00018	U	0.00095	0.00018	<0.00018	U	0.00092	0.00018	<0.00020	U	0.0010	0.00020	<0.00022	U	0.0011	0.00022
tert-Butylbenzene	500	NS	5.9	1,000	100	100	5.9		<0.00011	U	0.0019	0.00011	<0.00011	U	0.0018	0.00011	<0.00012	U	0.0021	0.00012	<0.00013	U	0.0022	0.00013
Tetrachloroethene	150	2	1.3	300	5.5	19	1.3		0.0034		0.00047	0.00018	<0.00018	U	0.00046	0.00018	0.0060		0.00052	0.00020	0.0014		0.00056	0.00022
Toluene	500	36	0.7	1,000	100	100	0.7		<0.00051	U	0.00095	0.00051	<0.00050	U	0.00092	0.00050	<0.00056	U	0.0010	0.00056	<0.00060	U	0.0011	0.00060
trans-1,2-Dichloroethene	500	NS	0.19	1,000	100	100	0.19		<0.00013	U	0.0014	0.00013	<0.00013	U	0.0014	0.00013	<0.00014	U	0.0016	0.00014	<0.00015	U	0.0017	0.00015
trans-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	NS		<0.00026	U	0.00095	0.00026	<0.00025	U	0.00092	0.00025	<0.00028	U	0.0010	0.00028	<0.00030	U	0.0011	0.00030
trans-1,4-Dichloro-2-butene	NS	NS	NS	NS	NS	NS	NS		<0.0013	U	0.0047	0.0013	<0.0013	U	0.0046	0.0013	<0.0015	U	0.0052	0.0015	<0.0016	U	0.0056	0.0016
Trichloroethene	200	2	0.47	400	10	21	0.47		0.00038	J	0.00047	0.00013	<0.00013	U	0.00046	0.00013	0.00047	J	0.00052	0.00014	<0.00015	U	0.00056	0.00015
Trichlorofluoromethane	NS	NS	NS	NS	NS	NS	NS		<0.00066	U	0.0038	0.00066	<0.00064	U	0.0037	0.00064	<0.00072	U	0.0041	0.00072	<0.00077	U	0.0044	0.00077
Vinyl acetate	NS	NS	NS	NS	NS	NS	NS		<0.0020	U	0.0095	0.0020	<0.0020	U	0.0092	0.0020	<0.0022	U	0.010	0.0022	<0.0024	U	0.011	0.0024
Vinyl chloride	13	NS	0.02	27	0.21	0.9	0.02		0.00037	J	0.00095	0.00032	<0.00031	U	0.00092	0.00031	<0.00035	U	0.0010	0.00035	<0.00037	U	0.0011	0.00037
Xylenes, Total	500	0.26	1.6	1,000	100	100	0.26		<0.00028	U	0.00095	0.00028	<0.00027	U	0.00092	0.00027	<0.00030	U	0.0010	0.00030	<0.00032	U	0.0011	0.00032
Total VOCs	NS	NS	NS	NS	NS	NS	NS		0.00603	-	-	-	-	-	-	-	0.01006	-	-	-	0.0014	-	-	-
VOLATILE ORGANIC COMPOUNDS - TICS																								
Unknown	NS	NS	NS	NS	NS	NS	NS		-		-	-	-		-	-	0.0050	J	0	0	-		-	-
Unknown	NS	NS	NS	NS	NS	NS	NS		-		-	-	-		-	-	0.00835	J	0	0	-		-	-
Unknown	NS	NS	NS	NS	NS	NS	NS		-		-	-	0.00781	J	0	0	-		-	-	-		-	-
Unknown	NS	NS	NS	NS	NS	NS	NS		-		-	-	-		-	-	0.0057	J	0	0	-		-	-
Unknown	NS	NS	NS	NS	NS	NS	NS		-		-	-	-		-	-	0.00561	J	0	0	-		-	-
Unknown Aromatic	NS	NS	NS	NS	NS	NS	NS		0.00994	J	0	0	-		-	-	0.0049	J	0	0	0.0103	J	0	0
Unknown Aromatic	NS	NS	NS	NS	NS	NS	NS		-		-	-	-		-	-	0.00582	J	0	0	-		-	-
Unknown Aromatic	NS	NS	NS	NS	NS	NS	NS		-		-	-	-		-	-	0.00494	J	0	0	-		-	-
Unknown Benzene	NS	NS	NS	NS	NS	NS	NS		-		-	-	-		-	-	0.00636	J	0	0	-		-	-
Unknown Benzene	NS	NS	NS	NS	NS	NS	NS		-		-	-	-		-	-	0.00473	J	0	0	-		-	-
Unknown Naphthalene	NS	NS	NS	NS	NS	NS	NS		-		-	-	-		-	-	0.00753	J	0	0	-		-	-
Total TIC Compounds	NS	NS	NS	NS	NS	NS	NS		0.00994	J	0	0	0.00781	J	0	0	0.0589	J	0	0	0.0103	J	0	0

Notes:
Units in milligrams per kilogram (mg/kg)
fbgs - feet below ground surface
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No regulatory standard
<0.00022 - analyte not detected at the indicated laboratory reporting limit
U - Not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
"-" - not analyzed
Bold results indicate an exceedance of a NYSDEC regulatory standard
NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESER: New York NYCRR Part 375 Ecological Resources Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESI: New York NYCRR Part 375 Industrial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESR: New York NYCRR Part 375 Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
*** Samples SB-01, and SB-04 through SB-07 were collected from below the basement floor; sample depths are from street level (Basement is 8.0' below street level)**

Table 1A
Soil Sample Results Summary - VOCs
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

								SAMPLE ID:	SB-05-9.0-9.5				SB-06-9.0-9.5				SB-07-9.0-9.5				SB-08-7.0-7.5			
								SAMPLING DATE:	1/13/2022				1/13/2022				1/13/2022				1/6/2022			
								SAMPLE DEPTH (fbgs):	9.0-9.5				9.0-9.5				9.0-9.5				7.0-7.5			
								SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
ANALYTE	NY-RESC	NY-RESER	NY-RESGW	NY-RESI	NY-RESR	NY-RESRR	NY-UNRES		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANIC COMPOUNDS (VOCs)																								
1,1,1,2-Tetrachloroethane	NS	NS	NS	NS	NS	NS	NS		<0.00012	U	0.00048	0.00012	<0.00013	U	0.00050	0.00013	<0.00011	U	0.00042	0.00011	<0.00014	U	0.00052	0.00014
1,1,1-Trichloroethane	500	NS	0.68	1000	100	100	0.68		<0.00016	U	0.00048	0.00016	<0.00017	U	0.00050	0.00017	<0.00014	U	0.00042	0.00014	<0.00017	U	0.00052	0.00017
1,1,2,2-Tetrachloroethane	NS	NS	NS	NS	NS	NS	NS		<0.00016	U	0.00048	0.00016	<0.00017	U	0.00050	0.00017	<0.00014	U	0.00042	0.00014	<0.00017	U	0.00052	0.00017
1,1,2-Trichloroethane	NS	NS	NS	NS	NS	NS	NS		<0.00025	U	0.00095	0.00025	<0.00027	U	0.0010	0.00027	<0.00022	U	0.00084	0.00022	<0.00028	U	0.0010	0.00028
1,1-Dichloroethane	240	NS	0.27	480	19	26	0.27		<0.00014	U	0.00095	0.00014	<0.00014	U	0.0010	0.00014	<0.00012	U	0.00084	0.00012	<0.00015	U	0.0010	0.00015
1,1-Dichloroethene	500	NS	0.33	1000	100	100	0.33		<0.00023	U	0.00095	0.00023	<0.00024	U	0.0010	0.00024	<0.00020	U	0.00084	0.00020	<0.00025	U	0.0010	0.00025
1,1-Dichloropropene	NS	NS	NS	NS	NS	NS	NS		<0.00015	U	0.00048	0.00015	<0.00016	U	0.00050	0.00016	<0.00013	U	0.00042	0.00013	<0.00017	U	0.00052	0.00017
1,2,3-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS		<0.00031	U	0.0019	0.00031	<0.00032	U	0.0020	0.00032	<0.00027	U	0.0017	0.00027	<0.00034	U	0.0021	0.00034
1,2,3-Trichloropropane	NS	NS	NS	NS	NS	NS	NS		<0.00012	U	0.0019	0.00012	<0.00013	U	0.0020	0.00013	<0.00011	U	0.0017	0.00011	<0.00013	U	0.0021	0.00013
1,2,4,5-Tetramethylbenzene	NS	NS	NS	NS	NS	NS	NS		<0.00018	U	0.0019	0.00018	<0.00019	U	0.0020	0.00019	<0.00016	U	0.0017	0.00016	<0.00020	U	0.0021	0.00020
1,2,4-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS		<0.00026	U	0.0019	0.00026	<0.00027	U	0.0020	0.00027	<0.00023	U	0.0017	0.00023	<0.00028	U	0.0021	0.00028
1,2,4-Trimethylbenzene	190	NS	3.6	380	47	52	3.6		<0.00032	U	0.0019	0.00032	<0.00034	U	0.0020	0.00034	<0.00028	U	0.0017	0.00028	<0.00035	U	0.0021	0.00035
1,2-Dibromo-3-chloropropane	NS	NS	NS	NS	NS	NS	NS		<0.00095	U	0.0028	0.00095	<0.0010	U	0.0030	0.0010	<0.00084	U	0.0025	0.00084	<0.0010	U	0.0031	0.0010
1,2-Dibromoethane	NS	NS	NS	NS	NS	NS	NS		<0.00026	U	0.00095	0.00026	<0.00028	U	0.0010	0.00028	<0.00023	U	0.00084	0.00023	<0.00029	U	0.0010	0.00029
1,2-Dichlorobenzene	500	NS	1.1	1,000	100	100	1.1		<0.00014	U	0.0019	0.00014	<0.00014	U	0.0020	0.00014	<0.00012	U	0.0017	0.00012	<0.00015	U	0.0021	0.00015
1,2-Dichloroethane	30	10	0.02	60	2.3	3.1	0.02		<0.00024	U	0.00095	0.00024	<0.00026	U	0.0010	0.00026	<0.00022	U	0.00084	0.00022	<0.00027	U	0.0010	0.00027
1,2-Dichloroethene, Total	NS	NS	NS	NS	NS	NS	NS		0.00027	J	0.00095	0.00013	0.011		0.0010	0.00014	<0.00012	U	0.00084	0.00012	<0.00014	U	0.0010	0.00014
1,2-Dichloropropane	NS	NS	NS	NS	NS	NS	NS		<0.00012	U	0.00095	0.00012	<0.00012	U	0.0010	0.00012	<0.00010	U	0.00084	0.00010	<0.00013	U	0.0010	0.00013
1,3,5-Trimethylbenzene	190	NS	8.4	380	47	52	8.4		<0.00018	U	0.0019	0.00018	<0.00019	U	0.0020	0.00019	<0.00016	U	0.0017	0.00016	<0.00020	U	0.0021	0.00020
1,3-Dichlorobenzene	280	NS	2.4	560	17	49	2.4		<0.00014	U	0.0019	0.00014	<0.00015	U	0.0020	0.00015	<0.00012	U	0.0017	0.00012	<0.00015	U	0.0021	0.00015
1,3-Dichloropropane	NS	NS	NS	NS	NS	NS	NS		<0.00016	U	0.0019	0.00016	<0.00017	U	0.0020	0.00017	<0.00014	U	0.0017	0.00014	<0.00017	U	0.0021	0.00017
1,3-Dichloropropene, Total	NS	NS	NS	NS	NS	NS	NS		<0.00015	U	0.00048	0.00015	<0.00016	U	0.0005	0.00016	<0.00013	U	0.00042	0.00013	<0.00016	U	0.00052	0.00016
1,4-Dichlorobenzene	130	20	1.8	250	9.8	13	1.8		<0.00016	U	0.0019	0.00016	<0.00017	U	0.0020	0.00017	<0.00014	U	0.0017	0.00014	<0.00018	U	0.0021	0.00018
1,4-Dioxane	130	0.1	0.1	250	9.8	13	0.1		<0.033	U	0.076	0.033	<0.035	U	0.080	0.035	<0.030	U	0.067	0.030	<0.037	U	0.084	0.037
2,2-Dichloropropane	NS	NS	NS	NS	NS	NS	NS		<0.00019	U	0.0019	0.00019	<0.00020	U	0.0020	0.00020	<0.00017	U	0.0017	0.00017	<0.00021	U	0.0021	0.00021
2-Butanone	500	100	0.12	1,000	100	100	0.12		<0.0021	U	0.0095	0.0021	<0.0022	U	0.010	0.0022	<0.0019	U	0.0084	0.0019	<0.0023	U	0.010	0.0023
2-Hexanone	NS	NS	NS	NS	NS	NS	NS		<0.0011	U	0.0095	0.0011	<0.0012	U	0.010	0.0012	<0.00099	U	0.0084	0.00099	<0.0012	U	0.010	0.0012
4-Methyl-2-pentanone	NS	NS	NS	NS	NS	NS	NS		<0.0012	U	0.0095	0.0012	<0.0013	U	0.010	0.0013	<0.0011	U	0.0084	0.0011	<0.0013	U	0.010	0.0013
Acetone	500	2.2	0.05	1,000	100	100	0.05		<0.0046	U	0.0095	0.0046	0.017		0.010	0.0048	<0.0040	U	0.0084	0.0040	<0.0050	U	0.010	0.0050
Acrylonitrile	NS	NS	NS	NS	NS	NS	NS		<0.0011	U	0.0038	0.0011	<0.0012	U	0.0040	0.0012	<0.00097	U	0.0034	0.00097	<0.0012	U	0.0042	0.0012
Benzene	44	70	0.06	89	2.9	4.8	0.06		<0.00016	U	0.00048	0.00016	<0.00017	U	0.00050	0.00017	<0.00014	U	0.00042	0.00014	<0.00017	U	0.00052	0.00017
Bromobenzene	NS	NS	NS	NS	NS	NS	NS		<0.00014	U	0.0019	0.00014	<0.00014	U	0.0020	0.00014	<0.00012	U	0.0017	0.00012	<0.00015	U	0.0021	0.00015
Bromochloromethane	NS	NS	NS	NS	NS	NS	NS		<0.00020	U	0.0019	0.00020	<0.00021	U	0.0020	0.00021	<0.00017	U	0.0017	0.00017	<0.00021	U	0.0021	0.00021
Bromodichloromethane	NS	NS	NS	NS	NS	NS	NS		<0.00010	U	0.00048	0.00010	<0.00011	U	0.00050	0.00011	<0.00009	U	0.00042	0.00009	<0.00011	U	0.00052	0.00011
Bromoform	NS	NS	NS	NS	NS	NS	NS		<0.00023	U	0.0038	0.00023	<0.00025	U	0.0040	0.00025	<0.00021	U	0.0034	0.00021	<0.00026	U	0.0042	0.00026
Bromomethane	NS	NS	NS	NS	NS	NS	NS		<0.00055	U	0.0019	0.00055	<0.00058	U	0.0020	0.00058	<0.00049	U	0.0017	0.00049	<0.00061	U	0.0021	0.00061
Carbon disulfide	NS	NS	NS	NS	NS	NS	NS		<0.0043	U	0.0095	0.0043	<0.0046	U	0.010	0.0046	<0.0038	U	0.0084	0.0038	<0.0048	U	0.010	0.0048
Carbon tetrachloride	22	NS	0.76	44	1.4	2.4	0.76		<0.00022	U	0.00095	0.00022	<0.00023	U	0.0010	0.00023	<0.00019	U	0.00084	0.00019	<0.00024	U	0.0010	0.00024
Chlorobenzene	500	40	1.1	1,000	100	100	1.1		<0.00012	U	0.00048	0.00012	<0.00013	U	0.00050	0.00013	<0.00011	U	0.00042	0.00011	<0.00013	U	0.00052	0.00013
Chloroethane	NS	NS	NS	NS	NS	NS	NS		<0.00043	U	0.0019	0.00043	<0.00045	U	0.0020	0.00045	<0.00038	U	0.0017	0.00038	<0.00047	U	0.0021	0.00047
Chloroform	350	12	0.37	700	10	49	0.37		<0.00013	U	0.0014	0.00013	<0.00014	U	0.0015	0.00014	<0.00012	U	0.0013	0.00012	<0.00015	U	0.0016	0.00015
Chloromethane	NS	NS	NS	NS	NS	NS	NS		<0.00089	U	0.0038	0.00089	<0.00094	U	0.004	0.00094	<0.00078	U	0.0034	0.00078	<0.00097	U	0.0042	0.00097
cis-1,2-Dichloroethene	500	NS	0.25	1,000	59	100	0.25		0.00027	J	0.00095	0.00017	0.011		0.0010	0.00018	<0.00015	U	0.00084	0.00015	<0.00018	U	0.0010	0.00018
cis-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	NS		<0.00015	U	0.00048	0.00015	<0.00016	U	0.00050	0.00016	<0.00013	U	0.00042	0.00013	<0.00016	U	0.00052	0.00016
Dibromochloromethane	NS	NS	NS	NS	NS	NS	NS		<0.00013	U	0.00095	0.00013	<0.00014	U	0.0010	0.00014	<0.00012	U	0.00084	0.00012	<0.00015	U	0.0010	0.00015
Dibromomethane	NS	NS	NS	NS	NS	NS	NS		<0.00023	U	0.0019	0.00023	<0.00024	U	0.0020	0.00024	<0.00020	U	0.0017	0.00020	<0.00025	U	0.0021	0.00025
Dichlorodifluoromethane	NS	NS	NS	NS	NS	NS	NS		<0.00087	U	0.0095	0.00087	<0.00092	U	0.010	0.00092	<0.00077	U	0.0084	0.00077	<0.00096	U	0.010	0.00096
Ethyl ether	NS	NS	NS	NS	NS	NS	NS		<0.00032	U	0.0019	0.00032	<0.00034	U	0.0020	0.00034	<0.00029	U	0.0017	0.00029	<0.00036	U	0.0021	0.00036
Ethylbenzene	390	NS	1	780	30	41	1		<0.00013	U	0.00095	0.00013	<0.00014	U	0.0010	0.00014	<0.00012	U	0.00084	0.00012	<0.00015	U	0.0010	0.00015
Hexachlorobutadiene	NS	NS	NS	NS	NS	NS	NS		<0.00016	U	0.0038	0.00016	<0.00017	U	0.0040	0.00017	<0.00014	U	0.0034	0.00014	<0.00018	U	0.0042	0.00018
Isopropylbenzene	NS	NS	NS	NS	NS	NS	NS		<0.00010	U	0.00095	0.00010	0.00087	J	0.0010	0.00011	<0.00009	U	0.00084	0.00009	<0.00011	U	0.0010	0.00011
Methyl tert butyl ether	500	NS	0.93	1,000	62	100	0.93		<0.00019	U	0.0019	0.00019	<0.00020	U	0.0020	0.00020	<0.00017	U	0.0017	0.00017	<0.00021	U	0.0021	0.00021
Methylene chloride	500	12	0.05	1,000	51	100	0.05		<0.0022	U	0.0048	0.0022	<0.0023	U	0.0050	0.0023	<0.0019	U	0.0042	0.0019	<0.0024	U	0.0052	0.0024
n-Butylbenzene	500	NS	12	1,000	100	100	12		<0.00016	U	0.00095	0.00016	<0.00017	U	0.0010	0.00017	<0.00014	U	0.00084	0.00014	<0.00017	U	0.0010	0.00017
n-Propylbenzene	500	NS	3.9	1,000	100	100	3.9		<0.00016	U	0.00095	0.00016	<0.00017	U	0.0010	0.00017	<0.00014	U	0.00084	0.00014	<0.00018	U	0.0010	0.00018
Naphthalene	500	NS	12	1,000	100	100	12		<0.00062	U	0.0038	0.00062	0.0017	J	0.0040	0.00065	<0.00055	U	0.0034	0.00055	<0.00068	U	0.0042	0.00068
o-Chlorotoluene	NS	NS	NS	NS	NS	NS	NS		<0.00018	U	0.0019	0.00018	0.0011	J	0.0020	0.00019	<0.00016	U	0.0017	0.00016	<0.00020	U	0.0021	0.00020
o-Xylene	NS	NS	NS	NS	NS	NS	NS		<0.00028	U	0.00095	0.00028	<0.00029	U	0.0010	0.00029	<0.00024	U	0.00084	0.00024	<0.00030	U	0.0010	0.00030
p-Chlorotoluene	NS	NS	NS	NS	NS	NS	NS		<0.00010	U	0.0019	0.00010	<0.00011	U	0.0020	0.00011	<0.000090	U	0.0017	0.000090	<0.00011	U	0.0021	0.00011
p-Diethylbenzene	NS	NS	NS	NS	NS	NS	NS		<0.00017	U	0.0019	0.00017	0.0043		0.0020	0.00018	<0.00015	U	0.0017	0.00015	<0.00018	U	0.0021	0.00018
p-Ethyltoluene	NS	NS	NS	NS	NS	NS	NS		<0.00036	U	0.0019	0.00036	<0.00039	U	0.0020	0.00039	<0.00032	U	0.0017	0.00032	<0.0004	U	0.0021	0.0004
p-Isopropyltoluene	NS	NS	NS	NS	NS	NS	NS		<0.00010	U	0.00095	0.00010	0.0011		0.0010	0.00011	<0.00009	U	0.00084	0.00009	<0.00011	U	0.001	0.00011
p/m-Xylene	NS	NS	NS	NS	NS	NS	NS		<0.00053	U	0.0019	0.00053	<0.00056	U	0.0020	0.00056	<0.00047	U	0.0017	0.00047	<0.00058	U	0.0021	0.00058
sec-Butylbenzene	500	NS	11	1,000	100	100	11		<0.00014	U	0.00095	0.00014	0.011		0.0010	0.00015	<0.00012	U	0.00084	0.00012	<0.00015	U	0.0010	0.00015

Table 1A
Soil Sample Results Summary - VOCs
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

								SAMPLE ID:	SB-05-9.0-9.5				SB-06-9.0-9.5				SB-07-9.0-9.5				SB-08-7.0-7.5			
								SAMPLING DATE:	1/13/2022				1/13/2022				1/13/2022				1/6/2022			
								SAMPLE DEPTH (fbgs):	9.0-9.5				9.0-9.5				9.0-9.5				7.0-7.5			
								SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
ANALYTE	**NY-RESC**	**NY-RESER**	**NY-RESGW**	**NY-RESI**	**NY-RESR**	**NY-RESRR**	**NY-UNRES**		**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Styrene	NS	NS	NS	NS	NS	NS	NS		<0.00019	U	0.00095	0.00019	<0.00020	U	0.0010	0.00020	<0.00016	U	0.00084	0.00016	<0.00020	U	0.0010	0.00020
tert-Butylbenzene	500	NS	5.9	1,000	100	100	5.9		<0.00011	U	0.0019	0.00011	0.0012	J	0.0020	0.00012	<0.00010	U	0.0017	0.00010	<0.00012	U	0.0021	0.00012
Tetrachloroethene	150	2	1.3	300	5.5	19	1.3		0.0033		0.00048	0.00019	0.11		0.00050	0.00020	0.0026		0.00042	0.00016	<0.00020	U	0.00052	0.00020
Toluene	500	36	0.7	1,000	100	100	0.7		<0.00052	U	0.00095	0.00052	<0.00055	U	0.0010	0.00055	<0.00046	U	0.00084	0.00046	<0.00057	U	0.0010	0.00057
trans-1,2-Dichloroethene	500	NS	0.19	1,000	100	100	0.19		<0.00013	U	0.0014	0.00013	<0.00014	U	0.0015	0.00014	<0.00012	U	0.0013	0.00012	<0.00014	U	0.0016	0.00014
trans-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	NS		<0.00026	U	0.00095	0.00026	<0.00027	U	0.0010	0.00027	<0.00023	U	0.00084	0.00023	<0.00028	U	0.0010	0.00028
trans-1,4-Dichloro-2-butene	NS	NS	NS	NS	NS	NS	NS		<0.0014	U	0.0048	0.0014	<0.0014	U	0.0050	0.0014	<0.0012	U	0.0042	0.0012	<0.0015	U	0.0052	0.0015
Trichloroethene	200	2	0.47	400	10	21	0.47		0.00033	J	0.00048	0.00013	0.0098		0.00050	0.00014	<0.00012	U	0.00042	0.00012	<0.00014	U	0.00052	0.00014
Trichlorofluoromethane	NS	NS	NS	NS	NS	NS	NS		<0.00066	U	0.0038	0.00066	<0.00070	U	0.0040	0.00070	<0.00058	U	0.0034	0.00058	<0.00072	U	0.0042	0.00072
Vinyl acetate	NS	NS	NS	NS	NS	NS	NS		<0.0020	U	0.0095	0.0020	<0.0022	U	0.010	0.0022	<0.0018	U	0.0084	0.0018	<0.0022	U	0.010	0.0022
Vinyl chloride	13	NS	0.02	27	0.21	0.9	0.02		<0.00032	U	0.00095	0.00032	<0.00034	U	0.0010	0.00034	<0.00028	U	0.00084	0.00028	<0.00035	U	0.0010	0.00035
Xylenes, Total	500	0.26	1.6	1,000	100	100	0.26		<0.00028	U	0.00095	0.00028	<0.00029	U	0.0010	0.00029	<0.00024	U	0.00084	0.00024	<0.00030	U	0.0010	0.0003
Total VOCs	NS	NS	NS	NS	NS	NS	NS		0.00417	-	-	-	0.18007	-	-	-	0.0026	-	-	-	-	-	-	-
VOLATILE ORGANIC COMPOUNDS - TICS																								
Unknown	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.0931	NJ	0	0	-	-	-	-	-	-	-	-
Unknown	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.0705	NJ	0	0	-	-	-	-	-	-	-	-
Unknown	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.0655	J	0	0	-	-	-	-	0.00814	J	0	0
Unknown	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.071	J	0	0	-	-	-	-	-	-	-	-
Unknown	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.0827	J	0	0	-	-	-	-	-	-	-	-
Unknown Aromatic	NS	NS	NS	NS	NS	NS	NS		0.0105	J	0	0	-		-	-	0.00891	J	0	0	-	-	-	-
Unknown Aromatic	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.0819	J	0	0	-	-	-	-	-	-	-	-
Unknown Aromatic	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.102	J	0	0	-	-	-	-	-	-	-	-
Unknown Benzene	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.064	J	0	0	-	-	-	-	-	-	-	-
Unknown Benzene	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.0673	J	0	0	-	-	-	-	-	-	-	-
Unknown Naphthalene	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.0703	J	0	0	-	-	-	-	-	-	-	-
Total TIC Compounds	NS	NS	NS	NS	NS	NS	NS		0.0105	J	0	0	0.768	J	0	0	0.00891	J	0	0	0.00814	J	0	0

Notes:
Units in milligrams per kilogram (mg/kg)
fbgs - feet below ground surface
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No regulatory standard
<0.00022 - analyte not detected at the indicated laboratory reporting limit
U - Not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
"-" - not analyzed
Bold results indicate an exceedance of a NYSDEC regulatory standard
NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESER: New York NYCRR Part 375 Ecological Resources Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESI: New York NYCRR Part 375 Industrial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESR: New York NYCRR Part 375 Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
*** Samples SB-01, and SB-04 through SB-07 were collected from below the basement floor; sample depths are from street level (Basement is 8.0' below street level)**

Approved by: DKO 5/13/2022
SAS 1/27/2023

Table 1B
Soil Sample Results Summary - SVOCs
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

								SAMPLE ID:	SB-01-12.0-12.5				SB-02-8.0-8.5				SB-03-12.0-12.5				SB-04-9.5-10.0			
								SAMPLING DATE:	1/13/2022				1/6/2022				1/6/2022				1/13/2022			
								SAMPLE DEPTH (fbgs):	12.0-12.5				8.0-8.5				12.0-12.5				9.5-10.0			
								SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
ANALYTE	NY-RESC	NY-RESER	NY-RESGW	NY-RESI	NY-RESR	NY-RESRR	NY-UNRES	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)																							
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NS	NS	NS	NS	<0.022	U	0.21	0.022	<0.020	U	0.19	0.020	<0.021	U	0.20	0.021	<0.020	U	0.19	0.020
1,2,4-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS	<0.024	U	0.21	0.024	<0.022	U	0.19	0.022	<0.023	U	0.20	0.023	<0.022	U	0.19	0.022
1,2-Dichlorobenzene	500	NS	1.1	1,000	100	100	1.1	<0.037	U	0.21	0.037	<0.035	U	0.19	0.035	<0.036	U	0.20	0.036	<0.034	U	0.19	0.034
1,3-Dichlorobenzene	280	NS	2.4	560	17	49	2.4	<0.035	U	0.21	0.035	<0.033	U	0.19	0.033	<0.034	U	0.20	0.034	<0.033	U	0.19	0.033
1,4-Dichlorobenzene	130	20	1.8	250	9.8	13	1.8	<0.036	U	0.21	0.036	<0.034	U	0.19	0.034	<0.035	U	0.20	0.035	<0.033	U	0.19	0.033
1,4-Dioxane	130	0.1	0.1	250	9.8	13	0.1	<0.0095	U	0.03	0.010	<0.0089	U	0.03	0.0089	<0.0092	U	0.03	0.0092	<0.0088	U	0.03	0.0088
2,4,5-Trichlorophenol	NS	NS	NS	NS	NS	NS	NS	<0.040	U	0.21	0.040	<0.037	U	0.19	0.037	<0.038	U	0.20	0.038	<0.036	U	0.19	0.036
2,4,6-Trichlorophenol	NS	NS	NS	NS	NS	NS	NS	<0.039	U	0.12	0.039	<0.036	U	0.12	0.036	<0.038	U	0.12	0.038	<0.036	U	0.11	0.036
2,4-Dichlorophenol	NS	NS	NS	NS	NS	NS	NS	<0.033	U	0.18	0.033	<0.031	U	0.17	0.031	<0.032	U	0.18	0.032	<0.031	U	0.17	0.031
2,4-Dimethylphenol	NS	NS	NS	NS	NS	NS	NS	<0.068	U	0.21	0.068	<0.064	U	0.19	0.064	<0.066	U	0.20	0.066	<0.063	U	0.19	0.063
2,4-Dinitrophenol	NS	NS	NS	NS	NS	NS	NS	<0.096	U	0.99	0.096	<0.090	U	0.93	0.090	<0.093	U	0.96	0.093	<0.089	U	0.91	0.089
2,4-Dinitrotoluene	NS	NS	NS	NS	NS	NS	NS	<0.041	U	0.21	0.041	<0.039	U	0.19	0.039	<0.040	U	0.20	0.040	<0.038	U	0.19	0.038
2,6-Dinitrotoluene	NS	NS	NS	NS	NS	NS	NS	<0.035	U	0.21	0.035	<0.033	U	0.19	0.033	<0.034	U	0.20	0.034	<0.033	U	0.19	0.033
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS	<0.020	U	0.21	0.020	<0.019	U	0.19	0.019	<0.020	U	0.20	0.020	<0.019	U	0.19	0.019
2-Chlorophenol	NS	NS	NS	NS	NS	NS	NS	<0.024	U	0.21	0.024	<0.023	U	0.19	0.023	<0.024	U	0.20	0.024	<0.022	U	0.19	0.022
2-Methylnaphthalene	NS	NS	NS	NS	NS	NS	NS	<0.025	U	0.25	0.025	<0.023	U	0.23	0.023	<0.024	U	0.24	0.024	<0.023	U	0.23	0.023
2-Methylphenol	500	NS	0.33	1,000	100	100	0.33	<0.032	U	0.21	0.032	<0.030	U	0.19	0.030	<0.031	U	0.20	0.031	<0.030	U	0.19	0.030
2-Nitroaniline	NS	NS	NS	NS	NS	NS	NS	<0.040	U	0.21	0.040	<0.037	U	0.19	0.037	<0.038	U	0.20	0.038	<0.037	U	0.19	0.037
2-Nitrophenol	NS	NS	NS	NS	NS	NS	NS	<0.078	U	0.44	0.078	<0.072	U	0.42	0.072	<0.075	U	0.43	0.075	<0.072	U	0.41	0.072
3,3'-Dichlorobenzidine	NS	NS	NS	NS	NS	NS	NS	<0.055	U	0.21	0.055	<0.051	U	0.19	0.051	<0.053	U	0.20	0.053	<0.051	U	0.19	0.051
3-Methylphenol/4-Methylphenol	500	NS	0.33	1,000	34	100	0.33	<0.032	U	0.30	0.032	<0.030	U	0.28	0.030	<0.031	U	0.29	0.031	<0.030	U	0.27	0.030
3-Nitroaniline	NS	NS	NS	NS	NS	NS	NS	<0.039	U	0.21	0.039	<0.036	U	0.19	0.036	<0.038	U	0.20	0.038	<0.036	U	0.19	0.036
4,6-Dinitro-o-cresol	NS	NS	NS	NS	NS	NS	NS	<0.099	U	0.54	0.099	<0.093	U	0.50	0.093	<0.096	U	0.52	0.096	<0.091	U	0.50	0.091
4-Bromophenyl phenyl ether	NS	NS	NS	NS	NS	NS	NS	<0.031	U	0.21	0.031	<0.029	U	0.19	0.029	<0.030	U	0.20	0.030	<0.029	U	0.19	0.029
4-Chloroaniline	NS	NS	NS	NS	NS	NS	NS	<0.038	U	0.21	0.038	<0.035	U	0.19	0.035	<0.036	U	0.20	0.036	<0.035	U	0.19	0.035
4-Chlorophenyl phenyl ether	NS	NS	NS	NS	NS	NS	NS	<0.022	U	0.21	0.022	<0.021	U	0.19	0.021	<0.021	U	0.20	0.021	<0.020	U	0.19	0.020
4-Nitroaniline	NS	NS	NS	NS	NS	NS	NS	<0.085	U	0.21	0.085	<0.080	U	0.19	0.080	<0.083	U	0.20	0.083	<0.079	U	0.19	0.079
4-Nitrophenol	NS	NS	NS	NS	NS	NS	NS	<0.084	U	0.29	0.084	<0.079	U	0.27	0.079	<0.082	U	0.28	0.082	<0.078	U	0.27	0.078
Acenaphthene	500	20	98	1,000	100	100	20	<0.021	U	0.16	0.021	<0.020	U	0.15	0.020	<0.021	U	0.16	0.021	<0.020	U	0.15	0.020
Acenaphthylene	500	NS	107	1,000	100	100	100	<0.032	U	0.16	0.032	<0.030	U	0.15	0.030	<0.031	U	0.16	0.031	<0.029	U	0.15	0.029
Acetophenone	NS	NS	NS	NS	NS	NS	NS	<0.026	U	0.21	0.026	<0.024	U	0.19	0.024	<0.025	U	0.20	0.025	<0.024	U	0.19	0.024
Anthracene	500	NS	1,000	1,000	100	100	100	<0.040	U	0.12	0.040	<0.038	U	0.12	0.038	<0.039	U	0.12	0.039	<0.037	U	0.11	0.037
Benzo(a)anthracene	5.6	NS	1	11	1	1	1	<0.023	U	0.12	0.023	<0.022	U	0.12	0.022	<0.022	U	0.12	0.022	<0.021	U	0.11	0.021
Benzo(a)pyrene	1	2.6	22	1.1	1	1	1	<0.050	U	0.16	0.050	<0.047	U	0.15	0.047	<0.049	U	0.16	0.049	<0.046	U	0.15	0.046
Benzo(b)fluoranthene	5.6	NS	1.7	11	1	1	1	<0.035	U	0.12	0.035	<0.032	U	0.12	0.032	<0.034	U	0.12	0.034	<0.032	U	0.11	0.032
Benzo(ghi)perylene	500	NS	1,000	1,000	100	100	100	<0.024	U	0.16	0.024	<0.023	U	0.15	0.023	<0.024	U	0.16	0.024	<0.022	U	0.15	0.022
Benzo(k)fluoranthene	56	NS	1.7	110	1	3.9	0.8	<0.033	U	0.12	0.033	<0.031	U	0.12	0.031	<0.032	U	0.12	0.032	<0.030	U	0.11	0.030
Benzoic Acid	NS	NS	NS	NS	NS	NS	NS	<0.21	U	0.67	0.21	<0.20	U	0.62	0.20	<0.20	U	0.65	0.20	<0.19	U	0.62	0.19
Benzyl Alcohol	NS	NS	NS	NS	NS	NS	NS	<0.063	U	0.21	0.063	<0.059	U	0.19	0.059	<0.061	U	0.20	0.061	<0.058	U	0.19	0.058
Biphenyl	NS	NS	NS	NS	NS	NS	NS	<0.027	U	0.47	0.027	<0.025	U	0.44	0.025	<0.026	U	0.46	0.026	<0.025	U	0.43	0.025
Bis(2-chloroethoxy)methane	NS	NS	NS	NS	NS	NS	NS	<0.021	U	0.22	0.021	<0.019	U	0.21	0.019	<0.020	U	0.22	0.020	<0.019	U	0.20	0.019
Bis(2-chloroethyl)ether	NS	NS	NS	NS	NS	NS	NS	<0.028	U	0.18	0.028	<0.026	U	0.17	0.026	<0.027	U	0.18	0.027	<0.026	U	0.17	0.026
Bis(2-chloroisopropyl)ether	NS	NS	NS	NS	NS	NS	NS	<0.035	U	0.25	0.035	<0.033	U	0.23	0.033	<0.034	U	0.24	0.034	<0.032	U	0.23	0.032
Bis(2-ethylhexyl)phthalate	NS	NS	NS	NS	NS	NS	NS	<0.071	U	0.21	0.071	<0.067	U	0.19	0.067	<0.069	U	0.20	0.069	<0.066	U	0.19	0.066
Butyl benzyl phthalate	NS	NS	NS	NS	NS	NS	NS	<0.052	U	0.21	0.052	<0.049	U	0.19	0.049	<0.050	U	0.20	0.050	<0.048	U	0.19	0.048
Carbazole	NS	NS	NS	NS	NS	NS	NS	<0.020	U	0.21	0.020	<0.019	U	0.19	0.019	<0.019	U	0.20	0.019	<0.018	U	0.19	0.018
Chrysene	56	NS	1	110	1	3.9	1	<0.021	U	0.12	0.021	<0.020	U	0.12	0.020	<0.021	U	0.12	0.021	<0.020	U	0.11	0.020
Di-n-butylphthalate	NS	NS	NS	NS	NS	NS	NS	<0.039	U	0.21	0.039	<0.036	U	0.19	0.036	<0.038	U	0.20	0.038	<0.036	U	0.19	0.036
Di-n-octylphthalate	NS	NS	NS	NS	NS	NS	NS	<0.070	U	0.21	0.070	<0.066	U	0.19	0.066	<0.068	U	0.20	0.068	<0.065	U	0.19	0.065
Dibenzo(a,h)anthracene	0.56	NS	1,000	1.1	0.33	0.33	0.33	<0.024	U	0.12	0.024	<0.022	U	0.12	0.022	<0.023	U	0.12	0.023	<0.022	U	0.11	0.022
Dibenzofuran	350	NS	210	1,000	14	59	7	<0.020	U	0.21	0.020	<0.018	U	0.19	0.018	<0.019	U	0.20	0.019	<0.018	U	0.19	0.018
Diethyl phthalate	NS	NS	NS	NS	NS	NS	NS	<0.019	U	0.21	0.019	<0.018	U	0.19	0.018	<0.018	U	0.20	0.018	<0.018	U	0.19	0.018
Dimethyl phthalate	NS	NS	NS	NS	NS	NS	NS	<0.043	U	0.21	0.043	<0.040	U	0.19	0.040	<0.042	U	0.20	0.042	<0.040	U	0.19	0.040
Fluoranthene	500	NS	1,000	1,000	100	100	100	<0.024	U	0.12	0.024	<0.022	U	0.12	0.022	<0.023	U	0.12	0.023	<0.022	U	0.11	0.022
Fluorene	500	30	386	1,000	100	100	30	<0.020	U	0.21	0.020	<0.019	U	0.19	0.019	<0.019	U	0.20	0.019	<0.018	U	0.19	0.018
Hexachlorobenzene	6	NS	3.2	12	0.33	1.2	0.33	<0.023	U	0.12	0.023	<0.022	U	0.12	0.022	<0.022	U	0.12	0.022	<0.021	U	0.11	0.021
Hexachlorobutadiene	NS	NS	NS	NS	NS	NS	NS	<0.030	U	0.21	0.030	<0.028	U	0.19	0.028	<0.029	U	0.20	0.029	<0.028	U	0.19	0.028
Hexachlorocyclopentadiene	NS	NS	NS	NS	NS	NS	NS	<0.19	U	0.59	0.19	<0.17	U	0.55	0.17	<0.18	U	0.57	0.18	<0.17	U	0.54	0.17
Hexachloroethane	NS	NS	NS	NS	NS	NS	NS	<0.033	U	0.16	0.033	<0.031	U	0.15	0.031	<0.032	U	0.16	0.032	<0.031	U	0.15	0.031

Table 1B
Soil Sample Results Summary - SVOCs
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

								SAMPLE ID:	SB-01-12.0-12.5				SB-02-8.0-8.5				SB-03-12.0-12.5				SB-04-9.5-10.0			
								SAMPLING DATE:	1/13/2022				1/6/2022				1/6/2022				1/13/2022			
								SAMPLE DEPTH (fbgs):	12.0-12.5				8.0-8.5				12.0-12.5				9.5-10.0			
								SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
ANALYTE	NY-RESC	NY-RESER	NY-RESGW	NY-RESI	NY-RESR	NY-RESRR	NY-UNRES	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Indeno(1,2,3-cd)pyrene	5.6	NS	8.2	11	0.5	0.5	0.5	<0.029	U	0.16	0.029	<0.027	U	0.15	0.027	<0.028	U	0.16	0.028	<0.026	U	0.15	0.026
Isophorone	NS	NS	NS	NS	NS	NS	NS	<0.027	U	0.18	0.027	<0.025	U	0.17	0.025	<0.026	U	0.18	0.026	<0.025	U	0.17	0.025
n-Nitrosodi-n-propylamine	NS	NS	NS	NS	NS	NS	NS	<0.032	U	0.21	0.032	<0.030	U	0.19	0.030	<0.031	U	0.20	0.031	<0.029	U	0.19	0.029
Naphthalene	500	NS	12	1,000	100	100	12	<0.025	U	0.21	0.025	<0.024	U	0.19	0.024	<0.024	U	0.20	0.024	<0.023	U	0.19	0.023
NDPA/DPA	NS	NS	NS	NS	NS	NS	NS	<0.023	U	0.16	0.023	<0.022	U	0.15	0.022	<0.023	U	0.16	0.023	<0.022	U	0.15	0.022
Nitrobenzene	NS	NS	NS	NS	NS	NS	NS	<0.030	U	0.18	0.030	<0.028	U	0.17	0.028	<0.030	U	0.18	0.030	<0.028	U	0.17	0.028
p-Chloro-m-cresol	NS	NS	NS	NS	NS	NS	NS	<0.031	U	0.21	0.031	<0.029	U	0.19	0.029	<0.030	U	0.20	0.030	<0.028	U	0.19	0.028
Pentachlorophenol	6.7	0.8	0.8	55	2.4	6.7	0.8	<0.045	U	0.16	0.045	<0.042	U	0.15	0.042	<0.044	U	0.16	0.044	<0.042	U	0.15	0.042
Phenanthrene	500	NS	1,000	1,000	100	100	100	<0.025	U	0.12	0.025	<0.023	U	0.12	0.023	<0.024	U	0.12	0.024	<0.023	U	0.11	0.023
Phenol	500	30	0.33	1,000	100	100	0.33	<0.031	U	0.21	0.031	<0.029	U	0.19	0.029	<0.030	U	0.20	0.030	<0.029	U	0.19	0.029
Pyrene	500	NS	1,000	1,000	100	100	100	<0.020	U	0.12	0.020	<0.019	U	0.12	0.019	<0.020	U	0.12	0.020	<0.019	U	0.11	0.019
Total SVOCs	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEMIVOLATILE ORGANIC COMPOUNDS - TICS																							
No Tentatively Identified Compounds	NS	NS	NS	NS	NS	NS	NS	<0	U	0	0	<0	U	0	0	-	-	-	-	<0	U	0	0
Unknown	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	0.341	J	0	0	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	0.198	J	0	0	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	0.174	J	0	0	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	0.293	J	0	0	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	0.215	J	0	0	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Cycloalkane	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown Naphthalene	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total TIC Compounds	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-	1.22	J	0	0	-	-	-	-

Notes:
Units in milligrams per kilogram (mg/kg)
fbgs - feet below ground surface
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No regulatory standard
<0.00022 - analyte not detected at the indicated laboratory reporting limit
U - Not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
"-" - not analyzed
NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESER: New York NYCRR Part 375 Ecological Resources Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESI: New York NYCRR Part 375 Industrial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESR: New York NYCRR Part 375 Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
*** Samples SB-01, and SB-04 through SB-07 were collected from below the basement floor; sample depths are from street level (Basement is 8.0' below street level)**

Table 1B
Soil Sample Results Summary - SVOCs
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

								SAMPLE ID:	SB-05-9.0-9.5				SB-06-9.0-9.5				SB-07-9.0-9.5				SB-08-7.0-7.5			
								SAMPLING DATE:	1/13/2022				1/13/2022				1/13/2022				1/6/2022			
								SAMPLE DEPTH (fbgs):	9.0-9.5				9.0-9.5				9.0-9.5				7.0-7.5			
								SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
ANALYTE	NY-RESC	NY-RESER	NY-RESGW	NY-RESI	NY-RESR	NY-RESRR	NY-UNRES	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)																							
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NS	NS	NS	NS	<0.021	U	0.20	0.021	<0.021	U	0.20	0.021	<0.020	U	0.20	0.020	<0.021	U	0.20	0.021
1,2,4-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS	<0.023	U	0.20	0.023	<0.023	U	0.20	0.023	<0.022	U	0.20	0.022	<0.023	U	0.20	0.023
1,2-Dichlorobenzene	500	NS	1.1	1,000	100	100	1.1	<0.036	U	0.20	0.036	<0.036	U	0.20	0.036	<0.035	U	0.20	0.035	<0.036	U	0.20	0.036
1,3-Dichlorobenzene	280	NS	2.4	560	17	49	2.4	<0.034	U	0.20	0.034	<0.034	U	0.20	0.034	<0.034	U	0.20	0.034	<0.034	U	0.20	0.034
1,4-Dichlorobenzene	130	20	1.8	250	9.8	13	1.8	<0.034	U	0.20	0.034	<0.035	U	0.20	0.035	<0.034	U	0.20	0.034	<0.035	U	0.20	0.035
1,4-Dioxane	130	0.1	0.1	250	9.8	13	0.1	<0.0091	U	0.03	0.0091	<0.0092	U	0.03	0.0092	<0.009	U	0.03	0.009	<0.0092	U	0.03	0.0092
2,4,5-Trichlorophenol	NS	NS	NS	NS	NS	NS	NS	<0.038	U	0.20	0.038	<0.038	U	0.20	0.038	<0.038	U	0.20	0.038	<0.038	U	0.20	0.038
2,4,6-Trichlorophenol	NS	NS	NS	NS	NS	NS	NS	<0.037	U	0.12	0.037	<0.038	U	0.12	0.038	<0.037	U	0.12	0.037	<0.038	U	0.12	0.038
2,4-Dichlorophenol	NS	NS	NS	NS	NS	NS	NS	<0.032	U	0.18	0.032	<0.032	U	0.18	0.032	<0.032	U	0.18	0.032	<0.032	U	0.18	0.032
2,4-Dimethylphenol	NS	NS	NS	NS	NS	NS	NS	<0.065	U	0.20	0.065	<0.066	U	0.20	0.066	<0.065	U	0.20	0.065	<0.066	U	0.20	0.066
2,4-Dinitrophenol	NS	NS	NS	NS	NS	NS	NS	<0.092	U	0.95	0.092	<0.094	U	0.96	0.094	<0.092	U	0.94	0.092	<0.093	U	0.96	0.093
2,4-Dinitrotoluene	NS	NS	NS	NS	NS	NS	NS	<0.040	U	0.20	0.040	<0.040	U	0.20	0.040	<0.039	U	0.20	0.039	<0.040	U	0.20	0.040
2,6-Dinitrotoluene	NS	NS	NS	NS	NS	NS	NS	<0.034	U	0.20	0.034	<0.034	U	0.20	0.034	<0.034	U	0.20	0.034	<0.034	U	0.20	0.034
2-Chloronaphthalene	NS	NS	NS	NS	NS	NS	NS	<0.020	U	0.20	0.020	<0.020	U	0.20	0.020	<0.019	U	0.20	0.019	<0.020	U	0.20	0.020
2-Chlorophenol	NS	NS	NS	NS	NS	NS	NS	<0.023	U	0.20	0.023	<0.024	U	0.20	0.024	<0.023	U	0.20	0.023	<0.024	U	0.20	0.024
2-Methylnaphthalene	NS	NS	NS	NS	NS	NS	NS	<0.024	U	0.24	0.024	<0.024	U	0.24	0.024	<0.024	U	0.24	0.024	<0.024	U	0.24	0.024
2-Methylphenol	500	NS	0.33	1,000	100	100	0.33	<0.031	U	0.20	0.031	<0.031	U	0.20	0.031	<0.030	U	0.20	0.030	<0.031	U	0.20	0.031
2-Nitroaniline	NS	NS	NS	NS	NS	NS	NS	<0.038	U	0.20	0.038	<0.039	U	0.20	0.039	<0.038	U	0.20	0.038	<0.038	U	0.20	0.038
2-Nitrophenol	NS	NS	NS	NS	NS	NS	NS	<0.074	U	0.43	0.074	<0.076	U	0.43	0.076	<0.074	U	0.42	0.074	<0.075	U	0.43	0.075
3,3'-Dichlorobenzidine	NS	NS	NS	NS	NS	NS	NS	<0.052	U	0.20	0.052	<0.053	U	0.20	0.053	<0.052	U	0.20	0.052	<0.053	U	0.20	0.053
3-Methylphenol/4-Methylphenol	500	NS	0.33	1,000	34	100	0.33	<0.031	U	0.28	0.031	<0.031	U	0.29	0.031	<0.031	U	0.28	0.031	<0.031	U	0.29	0.031
3-Nitroaniline	NS	NS	NS	NS	NS	NS	NS	<0.037	U	0.20	0.037	<0.038	U	0.20	0.038	<0.037	U	0.20	0.037	<0.038	U	0.20	0.038
4,6-Dinitro-o-cresol	NS	NS	NS	NS	NS	NS	NS	<0.095	U	0.51	0.095	<0.096	U	0.52	0.096	<0.094	U	0.51	0.094	<0.096	U	0.52	0.096
4-Bromophenyl phenyl ether	NS	NS	NS	NS	NS	NS	NS	<0.030	U	0.20	0.030	<0.031	U	0.20	0.031	<0.030	U	0.20	0.030	<0.030	U	0.20	0.030
4-Chloroaniline	NS	NS	NS	NS	NS	NS	NS	<0.036	U	0.20	0.036	<0.036	U	0.20	0.036	<0.036	U	0.20	0.036	<0.036	U	0.20	0.036
4-Chlorophenyl phenyl ether	NS	NS	NS	NS	NS	NS	NS	<0.021	U	0.20	0.021	<0.021	U	0.20	0.021	<0.021	U	0.20	0.021	<0.021	U	0.20	0.021
4-Nitroaniline	NS	NS	NS	NS	NS	NS	NS	<0.082	U	0.20	0.082	<0.083	U	0.20	0.083	<0.081	U	0.20	0.081	<0.083	U	0.20	0.083
4-Nitrophenol	NS	NS	NS	NS	NS	NS	NS	<0.081	U	0.28	0.081	<0.082	U	0.28	0.082	<0.080	U	0.28	0.080	<0.082	U	0.28	0.082
Acenaphthene	500	20	98	1,000	100	100	20	<0.020	U	0.16	0.020	<0.021	U	0.16	0.021	<0.020	U	0.16	0.020	<0.021	U	0.16	0.021
Acenaphthylene	500	NS	107	1,000	100	100	100	<0.030	U	0.16	0.030	<0.031	U	0.16	0.031	<0.030	U	0.16	0.030	<0.031	U	0.16	0.031
Acetophenone	NS	NS	NS	NS	NS	NS	NS	<0.024	U	0.20	0.024	<0.025	U	0.20	0.025	<0.024	U	0.20	0.024	<0.025	U	0.20	0.025
Anthracene	500	NS	1,000	1,000	100	100	100	<0.038	U	0.12	0.038	<0.039	U	0.12	0.039	<0.038	U	0.12	0.038	<0.039	U	0.12	0.039
Benzo(a)anthracene	5.6	NS	1	11	1	1	1	<0.022	U	0.12	0.022	<0.023	U	0.12	0.023	0.027	J	0.12	0.022	<0.022	U	0.12	0.022
Benzo(a)pyrene	1	2.6	22	1.1	1	1	1	<0.048	U	0.16	0.048	<0.049	U	0.16	0.049	<0.048	U	0.16	0.048	<0.049	U	0.16	0.049
Benzo(b)fluoranthene	5.6	NS	1.7	11	1	1	1	<0.033	U	0.12	0.033	<0.034	U	0.12	0.034	<0.033	U	0.12	0.033	<0.034	U	0.12	0.034
Benzo(ghi)perylene	500	NS	1,000	1,000	100	100	100	<0.023	U	0.16	0.023	<0.024	U	0.16	0.024	<0.023	U	0.16	0.023	<0.024	U	0.16	0.024
Benzo(k)fluoranthene	56	NS	1.7	110	1	3.9	0.8	<0.032	U	0.12	0.032	<0.032	U	0.12	0.032	<0.031	U	0.12	0.031	<0.032	U	0.12	0.032
Benzoic Acid	NS	NS	NS	NS	NS	NS	NS	<0.20	U	0.64	0.20	<0.20	U	0.65	0.20	<0.20	U	0.64	0.20	<0.20	U	0.65	0.20
Benzyl Alcohol	NS	NS	NS	NS	NS	NS	NS	<0.060	U	0.20	0.060	<0.061	U	0.20	0.061	<0.060	U	0.20	0.060	<0.061	U	0.20	0.061
Biphenyl	NS	NS	NS	NS	NS	NS	NS	<0.026	U	0.45	0.026	<0.026	U	0.46	0.026	<0.026	U	0.45	0.026	<0.026	U	0.46	0.026
Bis(2-chloroethoxy)methane	NS	NS	NS	NS	NS	NS	NS	<0.020	U	0.21	0.020	<0.020	U	0.22	0.020	<0.020	U	0.21	0.020	<0.020	U	0.22	0.020
Bis(2-chloroethyl)ether	NS	NS	NS	NS	NS	NS	NS	<0.027	U	0.18	0.027	<0.027	U	0.18	0.027	<0.027	U	0.18	0.027	<0.027	U	0.18	0.027
Bis(2-chloroisopropyl)ether	NS	NS	NS	NS	NS	NS	NS	<0.034	U	0.24	0.034	<0.034	U	0.24	0.034	<0.034	U	0.24	0.034	<0.034	U	0.24	0.034
Bis(2-ethylhexyl)phthalate	NS	NS	NS	NS	NS	NS	NS	<0.068	U	0.20	0.068	<0.070	U	0.20	0.070	<0.068	U	0.20	0.068	<0.069	U	0.20	0.069
Butyl benzyl phthalate	NS	NS	NS	NS	NS	NS	NS	<0.050	U	0.20	0.050	<0.051	U	0.20	0.051	<0.050	U	0.20	0.050	<0.050	U	0.20	0.050
Carbazole	NS	NS	NS	NS	NS	NS	NS	<0.019	U	0.20	0.019	<0.020	U	0.20	0.020	<0.019	U	0.20	0.019	<0.019	U	0.20	0.019
Chrysene	56	NS	1	110	1	3.9	1	<0.020	U	0.12	0.020	<0.021	U	0.12	0.021	0.021	J	0.12	0.02	<0.021	U	0.12	0.021
Di-n-butylphthalate	NS	NS	NS	NS	NS	NS	NS	<0.037	U	0.20	0.037	<0.038	U	0.20	0.038	<0.037	U	0.20	0.037	<0.038	U	0.20	0.038
Di-n-octylphthalate	NS	NS	NS	NS	NS	NS	NS	<0.067	U	0.20	0.067	<0.068	U	0.20	0.068	<0.067	U	0.20	0.067	<0.068	U	0.20	0.068
Dibenzo(a,h)anthracene	0.56	NS	1,000	1.1	0.33	0.33	0.33	<0.023	U	0.12	0.023	<0.023	U	0.12	0.023	<0.023	U	0.12	0.023	<0.023	U	0.12	0.023
Dibenzofuran	350	NS	210	1,000	14	59	7	<0.019	U	0.20	0.019	<0.019	U	0.20	0.019	<0.018	U	0.20	0.018	<0.019	U	0.20	0.019
Diethyl phthalate	NS	NS	NS	NS	NS	NS	NS	<0.018	U	0.20	0.018	<0.019	U	0.20	0.019	<0.018	U	0.20	0.018	<0.018	U	0.20	0.018
Dimethyl phthalate	NS	NS	NS	NS	NS	NS	NS	<0.042	U	0.20	0.042	<0.042	U	0.20	0.042	<0.041	U	0.20	0.041	<0.042	U	0.20	0.042
Fluoranthene	500	NS	1,000	1,000	100	100	100	<0.023	U	0.12	0.023	<0.023	U	0.12	0.023	0.044	J	0.12	0.022	<0.023	U	0.12	0.023
Fluorene	500	30	386	1,000	100	100	30	<0.019	U	0.20	0.019	<0.020	U	0.20	0.020	<0.019	U	0.20	0.019	<0.019	U	0.20	0.019
Hexachlorobenzene	6	NS	3.2	12	0.33	1.2	0.33	<0.022	U	0.12	0.022	<0.022	U	0.12	0.022	<0.022	U	0.12	0.022	<0.022	U	0.12	0.022
Hexachlorobutadiene	NS	NS	NS	NS	NS	NS	NS	<0.029	U	0.20	0.029	<0.029	U	0.20	0.029	<0.029	U	0.20	0.029	<0.029	U	0.20	0.029
Hexachlorocyclopentadiene	NS	NS	NS	NS	NS	NS	NS	<0.18	U	0.56	0.18	<0.18	U	0.57	0.18	<0.18	U	0.56	0.18	<0.18	U	0.57	0.18
Hexachloroethane	NS	NS	NS	NS	NS	NS	NS	<0.032	U	0.16	0.032	<0.032	U	0.16	0.032	<0.032	U	0.16	0.032	<0.032	U	0.16	0.032

Table 1B
Soil Sample Results Summary - SVOCs
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

								SAMPLE ID:	SB-05-9.0-9.5				SB-06-9.0-9.5				SB-07-9.0-9.5				SB-08-7.0-7.5			
								SAMPLING DATE:	1/13/2022				1/13/2022				1/13/2022				1/6/2022			
								SAMPLE DEPTH (fbgs):	9.0-9.5				9.0-9.5				9.0-9.5				7.0-7.5			
								SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
ANALYTE	**NY-RESC**	**NY-RESER**	**NY-RESGW**	**NY-RESI**	**NY-RESR**	**NY-RESRR**	**NY-UNRES**		**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Indeno(1,2,3-cd)pyrene	5.6	NS	8.2	11	0.5	0.5	0.5		<0.028	U	0.16	0.028	<0.028	U	0.16	0.028	<0.027	U	0.16	0.027	<0.028	U	0.16	0.028
Isophorone	NS	NS	NS	NS	NS	NS	NS		<0.026	U	0.18	0.026	<0.026	U	0.18	0.026	<0.026	U	0.18	0.026	<0.026	U	0.18	0.026
n-Nitrosodi-n-propylamine	NS	NS	NS	NS	NS	NS	NS		<0.030	U	0.20	0.030	<0.031	U	0.20	0.031	<0.030	U	0.20	0.030	<0.031	U	0.20	0.031
Naphthalene	500	NS	12	1,000	100	100	12		<0.024	U	0.20	0.024	<0.024	U	0.20	0.024	<0.024	U	0.20	0.024	<0.024	U	0.20	0.024
NDPA/DPA	NS	NS	NS	NS	NS	NS	NS		<0.022	U	0.16	0.022	<0.023	U	0.16	0.023	<0.022	U	0.16	0.022	<0.023	U	0.16	0.023
Nitrobenzene	NS	NS	NS	NS	NS	NS	NS		<0.029	U	0.18	0.029	<0.030	U	0.18	0.030	<0.029	U	0.18	0.029	<0.030	U	0.18	0.030
p-Chloro-m-cresol	NS	NS	NS	NS	NS	NS	NS		<0.029	U	0.20	0.029	<0.030	U	0.20	0.030	<0.029	U	0.20	0.029	<0.030	U	0.20	0.030
Pentachlorophenol	6.7	0.8	0.8	55	2.4	6.7	0.8		<0.043	U	0.16	0.043	<0.044	U	0.16	0.044	<0.043	U	0.16	0.043	<0.044	U	0.16	0.044
Phenanthrene	500	NS	1,000	1,000	100	100	100		<0.024	U	0.12	0.024	<0.024	U	0.12	0.024	<0.024	U	0.12	0.024	<0.024	U	0.12	0.024
Phenol	500	30	0.33	1,000	100	100	0.33		<0.030	U	0.20	0.030	<0.030	U	0.20	0.030	<0.030	U	0.20	0.030	<0.030	U	0.20	0.030
Pyrene	500	NS	1,000	1,000	100	100	100		<0.020	U	0.12	0.020	<0.020	U	0.12	0.020	0.037	J	0.12	0.020	<0.020	U	0.12	0.020
Total SVOCs	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	-	-	-	-	0.129	-	-	-	-	-	-	-
SEMIVOLATILE ORGANIC COMPOUNDS - TICS																								
No Tentatively Identified Compounds	NS	NS	NS	NS	NS	NS	NS		<0	U	0	0	-		-	-	<0	U	0	0	<0	U	0	0
Unknown	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.317	J	0	0	-	-	-	-	-	-	-	-
Unknown	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.313	J	0	0	-	-	-	-	-	-	-	-
Unknown	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.182	J	0	0	-	-	-	-	-	-	-	-
Unknown	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.321	J	0	0	-	-	-	-	-	-	-	-
Unknown	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.227	J	0	0	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.777	J	0	0	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.208	J	0	0	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.193	J	0	0	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.365	J	0	0	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.244	J	0	0	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.249	J	0	0	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.255	J	0	0	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.307	J	0	0	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.859	J	0	0	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.193	J	0	0	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	1.08	J	0	0	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.236	J	0	0	-	-	-	-	-	-	-	-
Unknown Alkane	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.233	J	0	0	-	-	-	-	-	-	-	-
Unknown Cycloalkane	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.450	J	0	0	-	-	-	-	-	-	-	-
Unknown Naphthalene	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	0.275	J	0	0	-	-	-	-	-	-	-	-
Total TIC Compounds	NS	NS	NS	NS	NS	NS	NS		-	-	-	-	7.28	J	0	0	-	-	-	-	-	-	-	-

Notes:
Units in milligrams per kilogram (mg/kg)
fbgs - feet below ground surface
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No regulatory standard
<0.00022 - analyte not detected at the indicated laboratory reporting limit
U - Not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
"-" - not analyzed
NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESER: New York NYCRR Part 375 Ecological Resources Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESI: New York NYCRR Part 375 Industrial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESR: New York NYCRR Part 375 Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
*** Samples SB-01, and SB-04 through SB-07 were collected from below the basement floor; sample depths are from street level (Basement is 8.0' below street level)**

Approved by: DKO 5/13/2022
SAS 1/27/2023

Table 1C
Soil Sample Results Summary - PFAS
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

								SAMPLE ID:	SB-01-12.0-12.5				SB-02-8.0-8.5				SB-03-12.0-12.5			
								SAMPLING DATE:	1/13/2022				1/6/2022				1/6/2022			
								SAMPLE DEPTH (fbgs):	12.0-12.5				8.0-8.5				12.0-12.5			
								SAMPLE MATRIX:	SOIL				SOIL				SOIL			
ANALYTE	NY-RESC	NY-RESER	NY-RESGW	NY-RESI	NY-RESR	NY-RESRR	NY-UNRES		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
PERFLUORINATED ALKYL ACIDS (PFAS)																				
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NS	NS	NS	NS	NS	NS	NS		<0.000343	U	0.000597	0.000343	<0.000302	U	0.000525	0.000302	<0.000304	U	0.000529	0.000304
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NS	NS	NS	NS	NS	NS	NS		0.000243	J	0.000597	0.000214	<0.000188	U	0.000525	0.000188	<0.000190	U	0.000529	0.000190
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NS	NS	NS	NS	NS	NS	NS		<0.000101	U	0.000597	0.000101	<0.000089	U	0.000525	0.000089	<0.0000900	U	0.000529	0.0000900
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA	NS	NS	NS	NS	NS	NS	NS		<0.000241	U	0.000597	0.000241	<0.000212	U	0.000525	0.000212	<0.000213	U	0.000529	0.000213
Perfluorobutanesulfonic Acid (PFBS)	NS	NS	NS	NS	NS	NS	NS		<0.0000470	U	0.000299	0.0000470	<0.0000410	U	0.000263	0.0000410	<0.0000410	U	0.000265	0.0000410
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	NS	NS	NS	NS		<0.0000270	U	0.000597	0.0000270	<0.0000240	U	0.000525	0.0000240	<0.0000240	U	0.000529	0.0000240
Perfluorodecanesulfonic Acid (PFDS)	NS	NS	NS	NS	NS	NS	NS		<0.000183	U	0.000597	0.000183	<0.000161	U	0.000525	0.000161	<0.000162	U	0.000529	0.000162
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	NS	NS	NS	NS		<0.0000800	U	0.000299	0.0000800	<0.0000700	U	0.000263	0.0000700	<0.0000710	U	0.000265	0.0000710
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	NS	NS	NS	NS		<0.0000840	U	0.000597	0.0000840	<0.0000740	U	0.000525	0.0000740	<0.0000740	U	0.000529	0.0000740
Perfluoroheptanesulfonic Acid (PFHpS)	NS	NS	NS	NS	NS	NS	NS		<0.000163	U	0.000597	0.000163	<0.000143	U	0.000525	0.000143	<0.000144	U	0.000529	0.000144
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	NS	NS	NS	NS		<0.0000540	U	0.000299	0.0000540	<0.0000470	U	0.000263	0.0000470	<0.0000480	U	0.000265	0.0000480
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	NS	NS	NS	NS		<0.0000720	U	0.000299	0.0000720	<0.0000640	U	0.000263	0.0000640	<0.0000640	U	0.000265	0.0000640
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	NS	NS	NS	NS		<0.0000630	U	0.000597	0.0000630	<0.0000550	U	0.000525	0.0000550	<0.0000560	U	0.000529	0.0000560
Perfluorononanoic Acid (PFNA)	NS	NS	NS	NS	NS	NS	NS		<0.0000900	U	0.000299	0.0000900	<0.0000790	U	0.000263	0.0000790	<0.0000790	U	0.000265	0.0000790
Perfluorooctanesulfonamide (FOSA)	NS	NS	NS	NS	NS	NS	NS		<0.000117	U	0.000597	0.000117	<0.000103	U	0.000525	0.000103	<0.000104	U	0.000529	0.000104
Perfluorooctanesulfonic Acid (PFOS)	NS	NS	NS	NS	NS	NS	NS		0.000211	J	0.000299	0.000155	<0.000136	U	0.000263	0.000136	<0.000138	U	0.000265	0.000138
Perfluorooctanoic Acid (PFOA)	NS	NS	NS	NS	NS	NS	NS		<0.0000500	U	0.000299	0.0000500	<0.0000440	U	0.000263	0.0000440	<0.0000440	U	0.000265	0.0000440
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	NS	NS	NS	NS		<0.0000550	U	0.000597	0.0000550	<0.0000480	U	0.000525	0.0000480	<0.0000490	U	0.000529	0.0000490
Perfluorotetradecanoic Acid (PFTA)	NS	NS	NS	NS	NS	NS	NS		<0.0000650	U	0.000597	0.0000650	0.0000990	J	0.000525	0.0000570	0.0000990	J	0.000529	0.0000570
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	NS	NS	NS	NS		<0.000244	U	0.000597	0.000244	<0.000215	U	0.000525	0.000215	<0.000216	U	0.000529	0.000216
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	NS	NS	NS	NS		<0.000056	U	0.000597	0.000056	<0.0000490	U	0.000525	0.0000490	<0.0000500	U	0.000529	0.0000500
PFOA/PFOS, Total	NS	NS	NS	NS	NS	NS	NS		0.000211	J	0.000299	0.0000500	<0.0000440	U	0.000263	0.0000440	<0.0000440	U	0.000265	0.0000440

Notes:
Units in milligrams per kilogram (mg/kg)
fbgs - feet below ground surface
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No regulatory standard
<0.00022 - analyte not detected at the indicated laboratory reporting limit
U - Not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria.
"-" - not analyzed
NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
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*** Samples SB-01, and SB-04 through SB-07 were collected from below the basement floor; sample depths are from street level (Basement is 8.0' below street level)**

Table 1C
Soil Sample Results Summary - PFAS
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

								SAMPLE ID:	SB-04-9.5-10.0				SB-05-9.0-9.5				SB-06-9.0-9.5			
								SAMPLING DATE:	1/13/2022				1/13/2022				1/13/2022			
								SAMPLE DEPTH (fbgs):	9.5-10.0				9.0-9.5				9.0-9.5			
								SAMPLE MATRIX:	SOIL				SOIL				SOIL			
ANALYTE	NY-RESC	NY-RESER	NY-RESGW	NY-RESI	NY-RESR	NY-RESRR	NY-UNRES		Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
PERFLUORINATED ALKYL ACIDS (PFAS)																				
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NS	NS	NS	NS	NS	NS	NS		<0.000308	U	0.000536	0.000308	<0.000328	U	0.000572	0.000328	<0.000337	U	0.000588	0.000337
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NS	NS	NS	NS	NS	NS	NS		<0.000193	U	0.000536	0.000193	<0.000205	U	0.000572	0.000205	<0.000211	U	0.000588	0.000211
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NS	NS	NS	NS	NS	NS	NS		<0.000091(	U	0.000536	0.0000910	<0.000097(	U	0.000572	0.000097	<0.000099(	U	0.000588	0.0000990
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA	NS	NS	NS	NS	NS	NS	NS		<0.000216	U	0.000536	0.000216	<0.000231	U	0.000572	0.000231	<0.000237	U	0.000588	0.000237
Perfluorobutanesulfonic Acid (PFBS)	NS	NS	NS	NS	NS	NS	NS		<0.000042(	U	0.000268	0.0000420	<0.000045(	U	0.000286	0.000045	<0.000046(	U	0.000294	0.0000460
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	NS	NS	NS	NS		<0.000024(	U	0.000536	0.0000240	<0.000026(	U	0.000572	0.000026	<0.000027(	U	0.000588	0.0000270
Perfluorodecanesulfonic Acid (PFDS)	NS	NS	NS	NS	NS	NS	NS		<0.000164	U	0.000536	0.000164	<0.000175	U	0.000572	0.000175	<0.000180	U	0.000588	0.000180
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	NS	NS	NS	NS		<0.000072(	U	0.000268	0.0000720	<0.000077(	U	0.000286	0.000077	<0.000079(	U	0.000294	0.000079
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	NS	NS	NS	NS		<0.000075(	U	0.000536	0.0000750	<0.000080(	U	0.000572	0.0000800	<0.000082(	U	0.000588	0.000082
Perfluoroheptanesulfonic Acid (PFHpS)	NS	NS	NS	NS	NS	NS	NS		<0.000146	U	0.000536	0.000146	<0.000156	U	0.000572	0.000156	<0.000160	U	0.000588	0.00016
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	NS	NS	NS	NS		<0.000048(	U	0.000268	0.0000480	<0.000052(	U	0.000286	0.0000520	<0.000053(	U	0.000294	0.000053
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	NS	NS	NS	NS		<0.000065(	U	0.000268	0.0000650	<0.000069(	U	0.000286	0.0000690	<0.000071(	U	0.000294	0.000071
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	NS	NS	NS	NS		<0.000056(	U	0.000536	0.0000560	<0.000060(	U	0.000572	0.0000600	<0.000062(	U	0.000588	0.000062
Perfluorononanoic Acid (PFNA)	NS	NS	NS	NS	NS	NS	NS		<0.000081(	U	0.000268	0.0000810	<0.000086(	U	0.000286	0.0000860	<0.000088(	U	0.000294	0.000088
Perfluorooctanesulfonamide (FOSA)	NS	NS	NS	NS	NS	NS	NS		<0.000105	U	0.000536	0.000105	<0.000112	U	0.000572	0.000112	<0.000115	U	0.000588	0.000115
Perfluorooctanesulfonic Acid (PFOS)	NS	NS	NS	NS	NS	NS	NS		<0.000139	U	0.000268	0.000139	<0.000149	U	0.000286	0.000149	<0.000153	U	0.000294	0.000153
Perfluorooctanoic Acid (PFOA)	NS	NS	NS	NS	NS	NS	NS		0.0000550	JF	0.000268	0.0000450	<0.000048(	U	0.000286	0.0000480	<0.000049(	U	0.000294	0.0000490
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	NS	NS	NS	NS		<0.000049(	U	0.000536	0.0000490	<0.000053(	U	0.000572	0.0000530	<0.000054(	U	0.000588	0.0000540
Perfluorotetradecanoic Acid (PFTA)	NS	NS	NS	NS	NS	NS	NS		<0.000058(	U	0.000536	0.0000580	<0.000062(	U	0.000572	0.0000620	<0.000064(	U	0.000588	0.0000640
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	NS	NS	NS	NS		<0.000219	U	0.000536	0.000219	<0.000234(	U	0.000572	0.0002340	<0.000240	U	0.000588	0.000240
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	NS	NS	NS	NS		<0.000050(	U	0.000536	0.000050	<0.000054(	U	0.000572	0.0000540	<0.000055(	U	0.000588	0.0000550
PFOA/PFOS, Total	NS	NS	NS	NS	NS	NS	NS		0.0000550	J	0.000268	0.0000450	<0.000048(	U	0.000286	0.0000480	<0.000049(	U	0.000294	0.0000490

Notes:
Units in milligrams per kilogram (mg/kg)
fbgs - feet below ground surface
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No regulatory standard
<0.00022 - analyte not detected at the indicated laboratory reporting limit
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NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
*** Samples SB-01, and SB-04 through SB-07 were collected from below the basement floor; sample depths are from street level (Basement is 8.0' below street level)**

Table 1C
Soil Sample Results Summary - PFAS
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

								SAMPLE ID:	SB-07-9.0-9.5				SB-08-7.0-7.5			
								SAMPLING DATE:	1/13/2022				1/6/2022			
								SAMPLE DEPTH (fbgs):	9.0-9.5				7.0-7.5			
								SAMPLE MATRIX:	SOIL				SOIL			
ANALYTE	NY-RESC	NY-RESER	NY-RESGW	NY-RESI	NY-RESR	NY-RESRR	NY-UNRES	Conc	Q	RL	MDL	Conc	Q	RL	MDL
PERFLUORINATED ALKYL ACIDS (PFAS)															
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NS	NS	NS	NS	NS	NS	NS	<0.000310	U	0.000540	0.000310	<0.000302	U	0.000527	0.000302
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NS	NS	NS	NS	NS	NS	NS	<0.000194	U	0.000540	0.000194	<0.000189	U	0.000527	0.000189
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NS	NS	NS	NS	NS	NS	NS	<0.0000910	U	0.000540	0.0000910	<0.000089	U	0.000527	0.000089
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA	NS	NS	NS	NS	NS	NS	NS	<0.000218	U	0.000540	0.000218	<0.000212	U	0.000527	0.000212
Perfluorobutanesulfonic Acid (PFBS)	NS	NS	NS	NS	NS	NS	NS	<0.0000420	U	0.000270	0.0000420	<0.0000410	U	0.000263	0.0000410
Perfluorobutanoic Acid (PFBA)	NS	NS	NS	NS	NS	NS	NS	<0.0000250	U	0.000540	0.0000250	<0.0000240	U	0.000527	0.0000240
Perfluorodecanesulfonic Acid (PFDS)	NS	NS	NS	NS	NS	NS	NS	<0.000165	U	0.000540	0.000165	<0.000161	U	0.000527	0.000161
Perfluorodecanoic Acid (PFDA)	NS	NS	NS	NS	NS	NS	NS	<0.0000720	U	0.000270	0.0000720	<0.0000710	U	0.000263	0.0000710
Perfluorododecanoic Acid (PFDoA)	NS	NS	NS	NS	NS	NS	NS	<0.0000760	U	0.000540	0.000076	<0.0000740	U	0.000527	0.0000740
Perfluoroheptanesulfonic Acid (PFHpS)	NS	NS	NS	NS	NS	NS	NS	<0.000147	U	0.000540	0.000147	<0.000144	U	0.000527	0.000144
Perfluoroheptanoic Acid (PFHpA)	NS	NS	NS	NS	NS	NS	NS	<0.0000490	U	0.000270	0.0000490	<0.0000480	U	0.000263	0.0000480
Perfluorohexanesulfonic Acid (PFHxS)	NS	NS	NS	NS	NS	NS	NS	<0.0000650	U	0.000270	0.0000650	<0.0000640	U	0.000263	0.0000640
Perfluorohexanoic Acid (PFHxA)	NS	NS	NS	NS	NS	NS	NS	<0.0000570	U	0.000540	0.0000570	<0.0000550	U	0.000527	0.0000550
Perfluorononanoic Acid (PFNA)	NS	NS	NS	NS	NS	NS	NS	<0.0000810	U	0.000270	0.0000810	<0.0000790	U	0.000263	0.0000790
Perfluorooctanesulfonamide (FOSA)	NS	NS	NS	NS	NS	NS	NS	<0.000106	U	0.000540	0.000106	<0.000103	U	0.000527	0.000103
Perfluorooctanesulfonic Acid (PFOS)	NS	NS	NS	NS	NS	NS	NS	<0.000140	U	0.000270	0.000140	<0.000137	U	0.000263	0.000137
Perfluorooctanoic Acid (PFOA)	NS	NS	NS	NS	NS	NS	NS	0.000108	J	0.000270	0.0000450	0.0000490	JF	0.000263	0.0000440
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	NS	NS	NS	NS	<0.0000500	U	0.000540	0.0000500	<0.0000480	U	0.000527	0.0000480
Perfluorotetradecanoic Acid (PFTA)	NS	NS	NS	NS	NS	NS	NS	<0.0000580	U	0.000540	0.0000580	0.0000750	J	0.000527	0.0000570
Perfluorotridecanoic Acid (PFTrDA)	NS	NS	NS	NS	NS	NS	NS	<0.000221	U	0.000540	0.000221	<0.000215	U	0.000527	0.000215
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	NS	NS	NS	NS	<0.000051	U	0.000540	0.000051	<0.0000490	U	0.000527	0.0000490
PFOA/PFOS, Total	NS	NS	NS	NS	NS	NS	NS	0.000108	J	0.000270	0.000045	0.0000490	J	0.000263	0.0000440

Notes:
Units in milligrams per kilogram (mg/kg)
fbgs - feet below ground surface
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No regulatory standard
<0.00022 - analyte not detected at the indicated laboratory reporting limit
U - Not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria.
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*** Samples SB-01, and SB-04 through SB-07 were collected from below the basement floor; sample depths are from street level (Basement is 8.0' below street level)**

Approved by: DKO 5/13/2022
SAS 1/27/2023

Table 1D
Soil Sample Results Summary - Pesticides and PCBs
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

							SAMPLE ID:	SB-01-12.0-12.5				SB-02-8.0-8.5				SB-03-12.0-12.5				SB-04-9.5-10.0			
							SAMPLING DATE:	1/13/2022				1/6/2022				1/6/2022				1/13/2022			
							SAMPLE DEPTH (fbgs):	12.0-12.5				8.0-8.5				12.0-12.5				9.5-10.0			
							SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
ANALYTE	NY-RESC	NY-RESER	NY-RESGW	NY-RESI	NY-RESR	NY-RESRR	NY-UNRES	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
ORGANOCHLORINE PESTICIDES																							
4,4'-DDD	92	0.0033	14	180	2.6	13	0.0033	<0.000681	U	0.00191	0.000681	<0.000647	U	0.00182	0.000647	<0.000648	U	0.00182	0.000648	<0.000632	U	0.00177	0.000632
4,4'-DDE	62	0.0033	17	120	1.8	8.9	0.0033	<0.000442	U	0.00191	0.000442	<0.000420	U	0.00182	0.000420	<0.000420	U	0.00182	0.000420	<0.000410	U	0.00177	0.000410
4,4'-DDT	47	0.0033	136	94	1.7	7.9	0.0033	<0.00154	U	0.00358	0.00154	<0.00146	U	0.0034	0.00146	<0.00146	U	0.0034	0.00146	<0.00143	U	0.00332	0.00143
Aldrin	0.68	0.14	0.19	1.4	0.019	0.097	0.005	<0.000672	U	0.00191	0.000672	<0.000639	U	0.00182	0.000639	<0.000640	U	0.00182	0.000640	<0.000624	U	0.00177	0.000624
Alpha-BHC	3.4	0.04	0.02	6.8	0.097	0.48	0.02	<0.000226	U	0.000796	0.000226	<0.000215	U	0.000756	0.000215	<0.000215	U	0.000757	0.000215	<0.000210	U	0.000739	0.000210
Beta-BHC	3	0.6	0.09	14	0.072	0.36	0.036	<0.000724	U	0.00191	0.000724	<0.000688	U	0.00182	0.000688	<0.000689	U	0.00182	0.000689	<0.000672	U	0.00177	0.000672
Chlordane	NS	NS	NS	NS	NS	NS	NS	<0.00632	U	0.0159	0.00632	<0.00601	U	0.0151	0.00601	<0.00602	U	0.0151	0.00602	<0.00588	U	0.0148	0.00588
cis-Chlordane	24	1.3	2.9	47	0.91	4.2	0.094	<0.000665	U	0.00239	0.000665	<0.000632	U	0.00227	0.000632	<0.000633	U	0.00227	0.000633	<0.000618	U	0.00222	0.000618
Delta-BHC	500	0.04	0.25	1,000	100	100	0.04	<0.000374	U	0.00191	0.000374	<0.000356	U	0.00182	0.000356	<0.000356	U	0.00182	0.000356	<0.000347	U	0.00177	0.000347
Dieldrin	1.4	0.006	0.1	2.8	0.039	0.2	0.005	<0.000597	U	0.00119	0.000597	<0.000567	U	0.00113	0.000567	<0.000568	U	0.00114	0.000568	<0.000554	U	0.00111	0.000554
Endosulfan I	200	NS	102	920	4.8	24	2.4	<0.000451	U	0.00191	0.000451	<0.000429	U	0.00182	0.000429	<0.000429	U	0.00182	0.000429	<0.000419	U	0.00177	0.000419
Endosulfan II	200	NS	102	920	4.8	24	2.4	<0.000638	U	0.00191	0.000638	<0.000607	U	0.00182	0.000607	<0.000607	U	0.00182	0.000607	<0.000593	U	0.00177	0.000593
Endosulfan sulfate	200	NS	1,000	920	4.8	24	2.4	<0.000379	U	0.000796	0.000379	<0.000360	U	0.000756	0.000360	<0.000360	U	0.000757	0.000360	<0.000352	U	0.000739	0.000352
Endrin	89	0.014	0.06	410	2.2	11	0.014	<0.000326	U	0.000796	0.000326	<0.000310	U	0.000756	0.000310	<0.000310	U	0.000757	0.000310	<0.000303	U	0.000739	0.000303
Endrin aldehyde	NS	NS	NS	NS	NS	NS	NS	<0.000835	U	0.00239	0.000835	<0.000794	U	0.00227	0.000794	<0.000795	U	0.00227	0.000795	<0.000776	U	0.00222	0.000776
Endrin ketone	NS	NS	NS	NS	NS	NS	NS	<0.000492	U	0.00191	0.000492	<0.000467	U	0.00182	0.000467	<0.000468	U	0.00182	0.000468	<0.000457	U	0.00177	0.000457
Heptachlor	15	0.14	0.38	29	0.42	2.1	0.042	<0.000428	U	0.000955	0.000428	<0.000407	U	0.000908	0.000407	<0.000407	U	0.000908	0.000407	<0.000398	U	0.000887	0.000398
Heptachlor epoxide	NS	NS	NS	NS	NS	NS	NS	<0.00107	U	0.00358	0.00107	<0.00102	U	0.00340	0.00102	<0.00102	U	0.00340	0.00102	<0.000998	U	0.00332	0.000998
Lindane	9.2	6	0.1	23	0.28	1.3	0.1	<0.000356	U	0.000796	0.000356	<0.000338	U	0.000756	0.000338	<0.000338	U	0.000757	0.000338	<0.000330	U	0.000739	0.000330
Methoxychlor	NS	NS	NS	NS	NS	NS	NS	<0.00111	U	0.00358	0.00111	<0.00106	U	0.00340	0.00106	<0.00106	U	0.00340	0.00106	<0.00103	U	0.00332	0.00103
Toxaphene	NS	NS	NS	NS	NS	NS	NS	<0.0100	U	0.0358	0.0100	<0.00953	U	0.0340	0.00953	<0.00954	U	0.0340	0.00954	<0.00931	U	0.0332	0.00931
trans-Chlordane	NS	NS	NS	NS	NS	NS	NS	<0.000630	U	0.00239	0.000630	<0.000599	U	0.00227	0.000599	<0.000599	U	0.00227	0.000599	<0.000585	U	0.00222	0.000585
POLYCHLORINATED BIPHENYLS (PCBs)																							
Aroclor 1016	1	1	3.2	25	1	1	0.1	<0.00352	U	0.0397	0.00352	<0.00330	U	0.0372	0.00330	<0.00345	U	0.0388	0.00345	<0.00332	U	0.0374	0.00332
Aroclor 1221	1	1	3.2	25	1	1	0.1	<0.00398	U	0.0397	0.00398	<0.00373	U	0.0372	0.00373	<0.00389	U	0.0388	0.00389	<0.00375	U	0.0374	0.00375
Aroclor 1232	1	1	3.2	25	1	1	0.1	<0.00842	U	0.0397	0.00842	<0.00789	U	0.0372	0.00789	<0.00823	U	0.0388	0.00823	<0.00794	U	0.0374	0.00794
Aroclor 1242	1	1	3.2	25	1	1	0.1	<0.00535	U	0.0397	0.00535	<0.00502	U	0.0372	0.00502	<0.00523	U	0.0388	0.00523	<0.00505	U	0.0374	0.00505
Aroclor 1248	1	1	3.2	25	1	1	0.1	<0.00596	U	0.0397	0.00596	<0.00558	U	0.0372	0.00558	<0.00582	U	0.0388	0.00582	<0.00562	U	0.0374	0.00562
Aroclor 1254	1	1	3.2	25	1	1	0.1	<0.00434	U	0.0397	0.00434	<0.00407	U	0.0372	0.00407	<0.00425	U	0.0388	0.00425	<0.00410	U	0.0374	0.00410
Aroclor 1260	1	1	3.2	25	1	1	0.1	<0.00734	U	0.0397	0.00734	<0.00688	U	0.0372	0.00688	<0.00717	U	0.0388	0.00717	<0.00692	U	0.0374	0.00692
Aroclor 1262	1	1	3.2	25	1	1	0.1	<0.00504	U	0.0397	0.00504	<0.00473	U	0.0372	0.00473	<0.00493	U	0.0388	0.00493	<0.00475	U	0.0374	0.00475
Aroclor 1268	1	1	3.2	25	1	1	0.1	<0.00411	U	0.0397	0.00411	<0.00386	U	0.0372	0.00386	<0.00402	U	0.0388	0.00402	<0.00388	U	0.0374	0.00388
PCBs, Total	1	1	3.2	25	1	1	0.1	<0.00352	U	0.0397	0.00352	<0.00330	U	0.0372	0.00330	<0.00345	U	0.0388	0.00345	<0.00332	U	0.0374	0.00332

Notes:
Units in milligrams per kilogram (mg/kg)
fbgs - feet below ground surface
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No regulatory standard
<0.00022 - analyte not detected at the indicated laboratory reporting limit
U - Not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
"-" - not analyzed
Bold results indicate an exceedance of a NYSDEC regulatory standard
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NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
*** Samples SB-01, and SB-04 through SB-07 were collected from below the basement floor; sample depths are from street level (Basement is 8.0' below street level)**

Table 1D
Soil Sample Results Summary - Pesticides and PCBs
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

							SAMPLE ID:	SB-05-9.0-9.5				SB-06-9.0-9.5				SB-07-9.0-9.5				SB-08-7.0-7.5			
							SAMPLING DATE:	1/13/2022				1/13/2022				1/13/2022				1/6/2022			
							SAMPLE DEPTH (fbgs):	9.0-9.5				9.0-9.5				9.0-9.5				7.0-7.5			
							SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
ANALYTE	NY-RESC	NY-RESER	NY-RESGW	NY-RESI	NY-RESR	NY-RESRR	NY-UNRES	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
ORGANOCHLORINE PESTICIDES																							
4,4'-DDD	92	0.0033	14	180	2.6	13	0.0033	<0.000661	U	0.00185	0.000661	<0.000692	U	0.00194	0.000692	<0.000658	U	0.00184	0.000658	<0.000675	U	0.00189	0.000675
4,4'-DDE	62	0.0033	17	120	1.8	8.9	0.0033	<0.000429	U	0.00185	0.000429	<0.000448	U	0.00194	0.000448	<0.000426	U	0.00184	0.000426	<0.000438	U	0.00189	0.000438
4,4'-DDT	47	0.0033	136	94	1.7	7.9	0.0033	<0.00149	U	0.00348	0.00149	<0.00156	U	0.00364	0.00156	<0.00148	U	0.00346	0.00148	<0.00152	U	0.00355	0.00152
Aldrin	0.68	0.14	0.19	1.4	0.019	0.097	0.005	<0.000653	U	0.00185	0.000653	<0.000683	U	0.00194	0.000683	<0.000649	U	0.00184	0.000649	<0.000667	U	0.00189	0.000667
Alpha-BHC	3.4	0.04	0.02	6.8	0.097	0.48	0.02	<0.000219	U	0.000772	0.000219	<0.000230	U	0.000808	0.000230	<0.000218	U	0.000768	0.000218	<0.000224	U	0.000789	0.000224
Beta-BHC	3	0.6	0.09	14	0.072	0.36	0.036	<0.000703	U	0.00185	0.000703	<0.000735	U	0.00194	0.000735	<0.000699	U	0.00184	0.000699	<0.000718	U	0.00189	0.000718
Chlordane	NS	NS	NS	NS	NS	NS	NS	<0.00614	U	0.0154	0.00614	<0.00642	U	0.0162	0.00642	<0.00611	U	0.0154	0.00611	<0.00627	U	0.0158	0.00627
cis-Chlordane	24	1.3	2.9	47	0.91	4.2	0.094	<0.000646	U	0.00232	0.000646	<0.000676	U	0.00242	0.000676	<0.000642	U	0.0023	0.000642	<0.000660	U	0.00237	0.000660
Delta-BHC	500	0.04	0.25	1,000	100	100	0.04	<0.000363	U	0.00185	0.000363	<0.000380	U	0.00194	0.000380	<0.000361	U	0.00184	0.000361	<0.000371	U	0.00189	0.000371
Dieldrin	1.4	0.006	0.1	2.8	0.039	0.2	0.005	<0.000579	U	0.00116	0.000579	<0.000606	U	0.00121	0.000606	<0.000576	U	0.00115	0.000576	<0.000592	U	0.00118	0.000592
Endosulfan I	200	NS	102	920	4.8	24	2.4	<0.000438	U	0.00185	0.000438	<0.000458	U	0.00194	0.000458	<0.000436	U	0.00184	0.000436	<0.000447	U	0.00189	0.000447
Endosulfan II	200	NS	102	920	4.8	24	2.4	<0.000620	U	0.00185	0.000620	<0.000648	U	0.00194	0.000648	<0.000616	U	0.00184	0.000616	<0.000633	U	0.00189	0.000633
Endosulfan sulfate	200	NS	1,000	920	4.8	24	2.4	<0.000368	U	0.000772	0.000368	<0.000385	U	0.000808	0.000385	<0.000366	U	0.000768	0.000366	<0.000376	U	0.000789	0.000376
Endrin	89	0.014	0.06	410	2.2	11	0.014	<0.000317	U	0.000772	0.000317	<0.000331	U	0.000808	0.000331	<0.000315	U	0.000768	0.000315	<0.000324	U	0.000789	0.000324
Endrin aldehyde	NS	NS	NS	NS	NS	NS	NS	<0.000811	U	0.00232	0.000811	<0.000848	U	0.00242	0.000848	<0.000807	U	0.0023	0.000807	<0.000828	U	0.00237	0.000828
Endrin ketone	NS	NS	NS	NS	NS	NS	NS	<0.000477	U	0.00185	0.000477	<0.000499	U	0.00194	0.000499	<0.000475	U	0.00184	0.000475	<0.000488	U	0.00189	0.000488
Heptachlor	15	0.14	0.38	29	0.42	2.1	0.042	<0.000416	U	0.000927	0.000416	<0.000435	U	0.00097	0.000435	<0.000413	U	0.000922	0.000413	<0.000424	U	0.000947	0.000424
Heptachlor epoxide	NS	NS	NS	NS	NS	NS	NS	<0.00104	U	0.00348	0.00104	<0.00109	U	0.00364	0.00109	<0.00104	U	0.00346	0.00104	<0.00106	U	0.00355	0.00106
Lindane	9.2	6	0.1	23	0.28	1.3	0.1	<0.000345	U	0.000772	0.000345	<0.000361	U	0.000808	0.000361	<0.000344	U	0.000768	0.000344	<0.000353	U	0.000789	0.000353
Methoxychlor	NS	NS	NS	NS	NS	NS	NS	<0.00108	U	0.00348	0.00108	<0.00113	U	0.00364	0.00113	<0.00108	U	0.00346	0.00108	<0.00110	U	0.00355	0.00110
Toxaphene	NS	NS	NS	NS	NS	NS	NS	<0.00973	U	0.0348	0.00973	<0.0102	U	0.0364	0.0102	<0.00968	U	0.0346	0.00968	<0.00994	U	0.0355	0.00994
trans-Chlordane	NS	NS	NS	NS	NS	NS	NS	<0.000612	U	0.00232	0.000612	<0.000640	U	0.00242	0.000640	<0.000609	U	0.0023	0.000609	<0.000625	U	0.00237	0.000625
POLYCHLORINATED BIPHENYLS (PCBs)																							
Aroclor 1016	1	1	3.2	25	1	1	0.1	<0.00353	U	0.0398	0.00353	<0.00352	U	0.0397	0.00352	<0.00349	U	0.0393	0.00349	<0.00338	U	0.0381	0.00338
Aroclor 1221	1	1	3.2	25	1	1	0.1	<0.00399	U	0.0398	0.00399	<0.00398	U	0.0397	0.00398	<0.00394	U	0.0393	0.00394	<0.00382	U	0.0381	0.00382
Aroclor 1232	1	1	3.2	25	1	1	0.1	<0.00843	U	0.0398	0.00843	<0.00842	U	0.0397	0.00842	<0.00834	U	0.0393	0.00834	<0.00808	U	0.0381	0.00808
Aroclor 1242	1	1	3.2	25	1	1	0.1	<0.00536	U	0.0398	0.00536	<0.00535	U	0.0397	0.00535	<0.00530	U	0.0393	0.00530	<0.00514	U	0.0381	0.00514
Aroclor 1248	1	1	3.2	25	1	1	0.1	<0.00597	U	0.0398	0.00597	<0.00595	U	0.0397	0.00595	<0.00590	U	0.0393	0.00590	<0.00572	U	0.0381	0.00572
Aroclor 1254	1	1	3.2	25	1	1	0.1	<0.00435	U	0.0398	0.00435	<0.00434	U	0.0397	0.00434	<0.00430	U	0.0393	0.00430	<0.00417	U	0.0381	0.00417
Aroclor 1260	1	1	3.2	25	1	1	0.1	0.0186	J	0.0398	0.00735	<0.00734	U	0.0397	0.00734	<0.00727	U	0.0393	0.00727	<0.00704	U	0.0381	0.00704
Aroclor 1262	1	1	3.2	25	1	1	0.1	<0.00505	U	0.0398	0.00505	<0.00504	U	0.0397	0.00504	<0.00500	U	0.0393	0.00500	<0.00484	U	0.0381	0.00484
Aroclor 1268	1	1	3.2	25	1	1	0.1	<0.00412	U	0.0398	0.00412	<0.00411	U	0.0397	0.00411	<0.00408	U	0.0393	0.00408	<0.00395	U	0.0381	0.00395
PCBs, Total	1	1	3.2	25	1	1	0.1	0.0186	J	0.0398	0.00353	<0.00352	U	0.0397	0.00352	<0.00349	U	0.0393	0.00349	<0.00338	U	0.0381	0.00338

Notes:
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Conc - Concentration
Q - Qualifier
RL - Reporting Limit
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*** Samples SB-01, and SB-04 through SB-07 were collected from below the basement floor; sample depths are from street level (Basement is 8.0' below street level)**

Approved by: DKO 5/13/2022
SAS 1/27/2023

Table 1E
Soil Sample Results Summary - Metals
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

									SAMPLE ID:	SB-01-12.0-12.5			SB-02-8.0-8.5			SB-03-12.0-12.5			SB-04-9.5-10.0		
									SAMPLING DATE:	1/13/2022			1/6/2022			1/6/2022			1/13/2022		
									SAMPLE DEPTH (fbgs):	12.0-12.5			8.0-8.5			12.0-12.5			9.5-10.0		
									SAMPLE MATRIX:	SOIL			SOIL			SOIL			SOIL		
ANALYTE	CasNum	NY-RESC	NY-RESER	NY-RESGW	NY-RESI	NY-RESR	NY-RESRR	NY-UNRES	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																								
Aluminum, Total	7429-90-5	NS	NS	NS	NS	NS	NS	NS	11,200		9.52	2.57	8,840		9.02	2.43	8,380		9.26	2.50	15,400		43.4	11.7
Antimony, Total	7440-36-0	NS	NS	NS	NS	NS	NS	NS	<0.362	U	4.76	0.362	0.965	J	4.51	0.342	0.732	J	4.63	0.352	<1.65	U	21.7	1.65
Arsenic, Total	7440-38-2	16	13	16	16	16	16	13	5.51		0.952	0.198	4.48		0.902	0.188	2.74		0.926	0.193	4.42		4.34	0.902
Barium, Total	7440-39-3	400	433	820	10,000	350	400	350	23.7		0.952	0.166	18.5		0.902	0.157	32.9		0.926	0.161	52.3		4.34	0.754
Beryllium, Total	7440-41-7	590	10	47	2,700	14	72	7.2	0.495		0.476	0.031	0.604		0.451	0.0300	0.352	J	0.463	0.031	0.824	J	2.17	0.143
Cadmium, Total	7440-43-9	9.3	4	7.5	60	2.5	4.3	2.5	0.495	J	0.952	0.093	0.884	J	0.902	0.088	0.63	J	0.926	0.091	0.607	J	4.34	0.425
Calcium, Total	7440-70-2	NS	NS	NS	NS	NS	NS	NS	1,380		9.52	3.33	477		9.02	3.16	356		9.26	3.24	1,370		43.4	15.2
Chromium, Total	7440-47-3	NS	NS	NS	NS	NS	NS	NS	15.3		0.952	0.091	11.2		0.902	0.087	11.5		0.926	0.0890	22.1		4.34	0.416
Cobalt, Total	7440-48-4	NS	NS	NS	NS	NS	NS	NS	6.34		1.90	0.158	9.88		1.80	0.150	14.7		1.85	0.154	12.3		8.67	0.72
Copper, Total	7440-50-8	270	50	1720	10,000	270	270	50	13.4		0.952	0.246	18.3		0.902	0.233	13.7		0.926	0.239	24.2		4.34	1.12
Iron, Total	7439-89-6	NS	NS	NS	NS	NS	NS	NS	26,400		4.76	0.86	20,800		4.51	0.814	15,400		4.63	0.836	31,100		21.7	3.92
Lead, Total	7439-92-1	1,000	63	450	3,900	400	400	63	8.59		4.76	0.255	10.2		4.51	0.242	11.9		4.63	0.248	15.9	J	21.7	1.16
Magnesium, Total	7439-95-4	NS	NS	NS	NS	NS	NS	NS	3,100		9.52	1.47	2,780		9.02	1.39	3,360		9.26	1.43	5,420		43.4	6.68
Manganese, Total	7439-96-5	10,000	1,600	2,000	10,000	2,000	2,000	1,600	453		0.952	0.151	374		0.902	0.143	229		0.926	0.147	961		4.34	0.689
Mercury, Total	7439-97-6	2.8	0.18	0.73	5.7	0.81	0.81	0.18	<0.055	U	0.084	0.055	<0.0530	U	0.0810	0.0530	<0.0640	U	0.099	0.0640	<0.0480	U	0.0740	0.0480
Nickel, Total	7440-02-0	310	30	130	10,000	140	310	30	14.1		2.38	0.23	18.1		2.25	0.218	18.3		2.31	0.224	**33.4**		10.8	1.05
Potassium, Total	7440-09-7	NS	NS	NS	NS	NS	NS	NS	586		238	13.7	290		225	13.0	321		231	13.3	911	J	1080	62.4
Selenium, Total	7782-49-2	1,500	3.9	4	6,800	36	180	3.9	<0.246	U	1.9	0.246	<0.233	U	1.80	0.233	<0.239	U	1.85	0.239	<1.12	U	8.67	1.12
Silver, Total	7440-22-4	1,500	2	8.3	6,800	36	180	2	<0.269	U	0.952	0.269	<0.255	U	0.902	0.255	<0.262	U	0.926	0.262	<1.23	U	4.34	1.23
Sodium, Total	7440-23-5	NS	NS	NS	NS	NS	NS	NS	275		190	3.00	396		180	2.84	250		185	2.92	348	J	867	13.6
Thallium, Total	7440-28-0	NS	NS	NS	NS	NS	NS	NS	<0.300	U	1.9	0.300	<0.284	U	1.80	0.284	<0.292	U	1.85	0.292	<1.36	U	8.67	1.36
Vanadium, Total	7440-62-2	NS	NS	NS	NS	NS	NS	NS	17.4		0.952	0.193	15.2		0.902	0.183	14.1		0.926	0.188	21.0		4.34	0.880
Zinc, Total	7440-66-6	10,000	109	2,480	10,000	2,200	10,000	109	39.6		4.76	0.279	42.2		4.51	0.264	40.1		4.63	0.271	71.9		21.7	1.27

Notes:
Units in milligrams per kilogram (mg/kg)
fbgs - feet below ground surface
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No regulatory standard
<0.00022 - analyte not detected at the indicated laboratory reporting limit
U - Not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
"-" - not analyzed
Bold results indicate an exceedance of a NYSDEC regulatory standard
NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
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NY-RESI: New York NYCRR Part 375 Industrial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESR: New York NYCRR Part 375 Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
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NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
*** Samples SB-01, and SB-04 through SB-07 were collected from below the basement floor; sample depths are from street level (Basement is 8.0' below street level)**

Table 1E
Soil Sample Results Summary - Metals
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

									SAMPLE ID:	SB-05-9.0-9.5				SB-06-9.0-9.5				SB-07-9.0-9.5				SB-08-7.0-7.5			
									SAMPLING DATE:	1/13/2022				1/13/2022				1/13/2022				1/6/2022			
									SAMPLE DEPTH (fbgs):	9.0-9.5				9.0-9.5				9.0-9.5				7.0-7.5			
									SAMPLE MATRIX:	SOIL				SOIL				SOIL				SOIL			
ANALYTE	CasNum	NY-RESC	NY-RESER	NY-RESGW	NY-RESI	NY-RESR	NY-RESRR	NY-UNRES	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
TOTAL METALS																								
Aluminum, Total	7429-90-5	NS	NS	NS	NS	NS	NS	NS	9,660		22.7	6.13	10,000		9.32	2.52	8,960		8.89	2.40	7,960		9.41	2.54
Antimony, Total	7440-36-0	NS	NS	NS	NS	NS	NS	NS	<0.862	U	11.3	0.862	<0.354	U	4.66	0.354	<0.338	U	4.45	0.338	0.583	J	4.70	0.358
Arsenic, Total	7440-38-2	16	13	16	16	16	16	13	1.95	J	2.27	0.472	1.92		0.932	0.194	3.83		0.889	0.185	2.46		0.941	0.196
Barium, Total	7440-39-3	400	433	820	10,000	350	400	350	78.9		2.27	0.395	23.4		0.932	0.162	33.2		0.889	0.155	49.4		0.941	0.164
Beryllium, Total	7440-41-7	590	10	47	2,700	14	72	7.2	0.658	J	1.13	0.075	0.280	J	0.466	0.0310	0.462		0.445	0.029	0.527		0.47	0.0310
Cadmium, Total	7440-43-9	9.3	4	7.5	60	2.5	4.3	2.5	0.227	J	2.27	0.222	0.252	J	0.932	0.091	0.347	J	0.889	0.087	0.640	J	0.941	0.0920
Calcium, Total	7440-70-2	NS	NS	NS	NS	NS	NS	NS	2,000		22.7	7.94	806		9.32	3.26	1,080		8.89	3.11	4,520		9.41	3.29
Chromium, Total	7440-47-3	NS	NS	NS	NS	NS	NS	NS	13.6		2.27	0.218	13.2		0.932	0.09	11.3		0.889	0.085	7.82		0.941	0.0900
Cobalt, Total	7440-48-4	NS	NS	NS	NS	NS	NS	NS	6.56		4.54	0.377	3.54		1.86	0.155	6.66		1.78	0.148	6.24		1.88	0.156
Copper, Total	7440-50-8	270	50	1720	10,000	270	270	50	21.4		2.27	0.585	15.7		0.932	0.24	15.8		0.889	0.229	12.8		0.941	0.243
Iron, Total	7439-89-6	NS	NS	NS	NS	NS	NS	NS	14,700		11.3	2.05	14,200		4.66	0.842	17,300		4.45	0.803	11,900		4.70	0.850
Lead, Total	7439-92-1	1,000	63	450	3,900	400	400	63	7.03	J	11.3	0.608	11.9		4.66	0.25	8.84		4.45	0.238	**118**		4.70	0.252
Magnesium, Total	7439-95-4	NS	NS	NS	NS	NS	NS	NS	2,820		22.7	3.49	1,880		9.32	1.44	2,620		8.89	1.37	1,990		9.41	1.45
Manganese, Total	7439-96-5	10,000	1,600	2,000	10,000	2,000	2,000	1,600	91.3		2.27	0.361	74.1		0.932	0.148	316		0.889	0.141	450		0.941	0.15
Mercury, Total	7439-97-6	2.8	0.18	0.73	5.7	0.81	0.81	0.18	<0.0600	U	0.0920	0.0600	<0.0540	U	0.0820	0.0540	<0.0500	U	0.0760	0.0500	0.104		0.0890	0.0580
Nickel, Total	7440-02-0	310	30	130	10,000	140	310	30	14.2		5.67	0.549	8.26		2.33	0.226	13.7		2.22	0.215	11.3		2.35	0.228
Potassium, Total	7440-09-7	NS	NS	NS	NS	NS	NS	NS	512	J	567	32.7	449		233	13.4	478		222	12.8	392		235	13.5
Selenium, Total	7782-49-2	1,500	3.9	4	6,800	36	180	3.9	<0.585	U	4.54	0.585	<0.240	U	1.86	0.240	<0.229	U	1.78	0.229	<0.243	U	1.88	0.243
Silver, Total	7440-22-4	1,500	2	8.3	6,800	36	180	2	<0.642	U	2.27	0.642	<0.264	U	0.932	0.264	<0.252	U	0.889	0.252	<0.266	U	0.941	0.266
Sodium, Total	7440-23-5	NS	NS	NS	NS	NS	NS	NS	256	J	454	7.15	151	J	186	2.94	178		178	2.80	457		188	2.96
Thallium, Total	7440-28-0	NS	NS	NS	NS	NS	NS	NS	<0.715	U	4.54	0.715	<0.294	U	1.86	0.294	<0.280	U	1.78	0.280	<0.296	U	1.88	0.296
Vanadium, Total	7440-62-2	NS	NS	NS	NS	NS	NS	NS	14.7		2.27	0.461	20.4		0.932	0.189	16.7		0.889	0.180	13.8		0.941	0.191
Zinc, Total	7440-66-6	10,000	109	2,480	10,000	2,200	10,000	109	53.1		11.3	0.665	40.0		4.66	0.273	36.9		4.45	0.260	**110**		4.7	0.276

Notes:

Approved by: DKO 5/13/2022
SAS 1/27/2023

Units in milligrams per kilogram (mg/kg)
fbgs - feet below ground surface
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
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*** Samples SB-01, and SB-04 through SB-07 were collected from below the basement floor; sample depths are from street level (Basement is 8.0' below street level)**

Table 2
Monitoring Well Summary
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

Monitoring Well ID	PID readings (ppm) 04/14/2022	Northing (Y)	Easting (X)	TD (ft bgs) 04/14/2022	DTW (ft bgs) 04/14/2022	TIC Elevation (ft amsl)	Groundwater Elevation (ft amsl) 04/14/2022
MW-1	0.0	831579.03	587815.83	34.50	29.96	298.64	268.68
MW-2	1.2	831510.43	587812.10	34.70	25.70	297.33	271.63

NOTES:

PID - Photoionization Detector
ppm - parts per million
TD - Total Well Depth
DTW - Depth to Water
TIC - Top of Inner Casing
ft bgs - feet below ground surface
ft amsl - feet above mean sea level
VOC - Volatile Organic Compounds
XY US Survey Feet

Table 2A
Groundwater Sample Results Summary - VOCs
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

	SAMPLE ID:	MW-1				MW-2			
	SAMPLING DATE:	4/14/2022				4/14/2022			
	SAMPLE MATRIX:	WATER				WATER			
ANALYTE	**NY-AWQS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANIC COMPOUNDS (VOCs)									
Methylene chloride	5	ND		2.5	0.70	ND		2.5	0.70
1,1-Dichloroethane	5	ND		2.5	0.70	ND		2.5	0.70
Chloroform	7	ND		2.5	0.70	ND		2.5	0.70
Carbon tetrachloride	5	ND		0.50	0.13	ND		0.50	0.13
1,2-Dichloropropane	1	*ND*		*1.0*	*0.14*	*ND*		*1.0*	*0.14*
Dibromochloromethane	50	ND		0.50	0.15	ND		0.50	0.15
1,1,2-Trichloroethane	1	*ND*		*1.5*	*0.50*	*ND*		*1.5*	*0.50*
Tetrachloroethene	5	ND		0.50	0.18	0.18	J	0.50	0.18
Chlorobenzene	5	ND		2.5	0.70	ND		2.5	0.70
Trichlorofluoromethane	5	ND		2.5	0.70	ND		2.5	0.70
1,2-Dichloroethane	0.6	ND		0.50	0.13	ND		0.50	0.13
1,1,1-Trichloroethane	5	ND		2.5	0.70	ND		2.5	0.70
Bromodichloromethane	50	ND		0.50	0.19	ND		0.50	0.19
trans-1,3-Dichloropropene	0.4	*ND*		*0.50*	*0.16*	*ND*		*0.50*	*0.16*
cis-1,3-Dichloropropene	0.4	*ND*		*0.50*	*0.14*	*ND*		*0.50*	*0.14*
1,3-Dichloropropene, Total	NS	ND		0.50	0.14	ND		0.50	0.14
1,1-Dichloropropene	5	ND		2.5	0.70	ND		2.5	0.70
Bromoform	50	ND		2.0	0.65	ND		2.0	0.65
1,1,2,2-Tetrachloroethane	5	ND		0.50	0.17	ND		0.50	0.17
Benzene	1	ND		0.50	0.16	ND		0.50	0.16
Toluene	5	ND		2.5	0.70	ND		2.5	0.70
Ethylbenzene	5	ND		2.5	0.70	ND		2.5	0.70
Chloromethane	NS	ND		2.5	0.70	ND		2.5	0.70
Bromomethane	5	ND		2.5	0.70	ND		2.5	0.70
Vinyl chloride	2	ND		1.0	0.070	ND		1.0	0.070
Chloroethane	5	ND		2.5	0.70	ND		2.5	0.70
1,1-Dichloroethene	5	ND		0.50	0.17	ND		0.50	0.17
trans-1,2-Dichloroethene	5	ND		2.5	0.70	ND		2.5	0.70
Trichloroethene	5	ND		0.50	0.18	ND		0.5	0.18
1,2-Dichlorobenzene	3	ND		2.5	0.70	ND		2.5	0.70
1,3-Dichlorobenzene	3	ND		2.5	0.70	ND		2.5	0.70
1,4-Dichlorobenzene	3	ND		2.5	0.70	ND		2.5	0.70
Methyl tert butyl ether	10	ND		2.5	0.70	ND		2.5	0.70
p/m-Xylene	5	ND		2.5	0.70	ND		2.5	0.70
o-Xylene	5	ND		2.5	0.70	ND		2.5	0.70
Xylenes, Total	NS	ND		2.5	0.70	ND		2.5	0.70
cis-1,2-Dichloroethene	5	ND		2.5	0.70	ND		2.5	0.70
1,2-Dichloroethene, Total	NS	ND		2.5	0.70	ND		2.5	0.70
Dibromomethane	5	*ND*		*5.0*	*1.0*	*ND*		*5.0*	*1.0*
1,2,3-Trichloropropane	0.04	*ND*		*2.5*	*0.70*	*ND*		*2.5*	*0.70*
Acrylonitrile	5	*ND*		*5.0*	*1.5*	*ND*		*5.0*	*1.5*
Styrene	5	ND		2.5	0.70	ND		2.5	0.70
Dichlorodifluoromethane	5	*ND*		*5.0*	*1.0*	*ND*		*5.0*	*1.0*
Acetone	50	ND		5.0	1.5	ND		5.0	1.5
Carbon disulfide	60	ND		5.0	1.0	ND		5.0	1.0
2-Butanone	50	ND		5.0	1.9	ND		5.0	1.9
Vinyl acetate	NS	ND		5.0	1.0	ND		5.0	1.0
4-Methyl-2-pentanone	NS	ND		5.0	1.0	ND		5.0	1.0
2-Hexanone	50	ND		5.0	1.0	ND		5.0	1.0
Bromochloromethane	5	ND		2.5	0.70	ND		2.5	0.70
2,2-Dichloropropane	5	ND		2.5	0.70	ND		2.5	0.70
1,2-Dibromoethane	0.0006	*ND*		*2.0*	*0.65*	*ND*		*2.0*	*0.65*
1,3-Dichloropropane	5	ND		2.5	0.70	ND		2.5	0.70
1,1,1,2-Tetrachloroethane	5	ND		2.5	0.70	ND		2.5	0.70
Bromobenzene	5	ND		2.5	0.70	ND		2.5	0.70
n-Butylbenzene	5	ND		2.5	0.70	ND		2.5	0.70
sec-Butylbenzene	5	ND		2.5	0.70	ND		2.5	0.70
tert-Butylbenzene	5	ND		2.5	0.70	ND		2.5	0.70
o-Chlorotoluene	5	ND		2.5	0.70	ND		2.5	0.70
p-Chlorotoluene	5	ND		2.5	0.70	ND		2.5	0.70
1,2-Dibromo-3-chloropropane	0.04	*ND*		*2.5*	*0.70*	*ND*		*2.5*	*0.70*

Table 2A
Groundwater Sample Results Summary - VOCs
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

	SAMPLE ID:	MW-1				MW-2			
	SAMPLING DATE:	4/14/2022				4/14/2022			
	SAMPLE MATRIX:	WATER				WATER			
ANALYTE	**NY-AWQS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Hexachlorobutadiene	0.5	*ND*		*2.5*	*0.70*	*ND*		*2.5*	*0.70*
Isopropylbenzene	5	ND		2.5	0.70	ND		2.5	0.70
p-Isopropyltoluene	5	ND		2.5	0.70	ND		2.5	0.70
Naphthalene	10	ND		2.5	0.70	ND		2.5	0.70
n-Propylbenzene	5	ND		2.5	0.70	ND		2.5	0.70
1,2,3-Trichlorobenzene	5	ND		2.5	0.70	ND		2.5	0.70
1,2,4-Trichlorobenzene	5	ND		2.5	0.70	ND		2.5	0.70
1,3,5-Trimethylbenzene	5	ND		2.5	0.70	ND		2.5	0.70
1,2,4-Trimethylbenzene	5	ND		2.5	0.70	ND		2.5	0.70
1,4-Dioxane	NS	ND		250	61	ND		250	61
p-Diethylbenzene	NS	ND		2.0	0.70	ND		2.0	0.70
p-Ethyltoluene	NS	ND		2.0	0.70	ND		2.0	0.70
1,2,4,5-Tetramethylbenzene	5	ND		2.0	0.54	ND		2.0	0.54
Ethyl ether	NS	ND		2.5	0.70	ND		2.5	0.70
trans-1,4-Dichloro-2-butene	5	ND		2.5	0.70	ND		2.5	0.70
Total VOCs	NS	ND		-	-	0.18	-	-	-
VOLATILE ORGANIC COMPOUNDS (VOCs) - TICs									
Unknown	NS	ND		-	-	1.32	J	0	0
No Tentatively Identified Compounds	NS	ND		0	0	-		-	-
Total TIC Compounds	NS	ND		-	-	1.32	J	0	0
1,4 DIOXANE BY 8270D-SIM									
1,4-Dioxane	0.35	ND		0.144	0.0326	ND		0.139	0.0314

Approved by: DKO 5/16/2022
SAS 1/27/2023

Notes:
Units in micrograms per liter (ug/L)
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No NY Regulatory Standard
ND - Analyte not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
Italicized results indicate an analyte that was not detected, but had an elevated RL above an NY Regulatory Standard due to sample dilution due to the presence of targe analytes that exceeded the calibration range
NY-AWQS: NY - New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria updated June 2021

Table 2B
Groundwater Sample Results Summary - SVOCs
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

	SAMPLE ID:	MW-1				MW-2			
	SAMPLING DATE:	4/14/2022				4/14/2022			
	SAMPLE MATRIX:	WATER				WATER			
ANALYTE	**NY-AWQS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)									
1,2,4-Trichlorobenzene	5	*ND*		*5.0*	*0.50*	*ND*		*5.0*	*0.50*
Bis(2-chloroethyl)ether	1	*ND*		*2.0*	*0.50*	*ND*		*2.0*	*0.50*
1,2-Dichlorobenzene	3	ND		2.0	0.45	ND		2.0	0.45
1,3-Dichlorobenzene	3	ND		2.0	0.40	ND		2.0	0.40
1,4-Dichlorobenzene	3	ND		2.0	0.43	ND		2.0	0.43
3,3'-Dichlorobenzidine	5	*ND*		*5.0*	*1.6*	*ND*		*5.0*	*1.6*
2,4-Dinitrotoluene	5	*ND*		*5.0*	*1.2*	*ND*		*5.0*	*1.2*
2,6-Dinitrotoluene	5	*ND*		*5.0*	*0.93*	*ND*		*5.0*	*0.93*
4-Chlorophenyl phenyl ether	NS	ND		2.0	0.49	ND		2.0	0.49
4-Bromophenyl phenyl ether	NS	ND		2.0	0.38	ND		2.0	0.38
Bis(2-chloroisopropyl)ether	5	ND		2.0	0.53	ND		2.0	0.53
Bis(2-chloroethoxy)methane	5	*ND*		*5.0*	*0.50*	*ND*		*5.0*	*0.50*
Hexachlorocyclopentadiene	5	*ND*		*20*	*0.69*	*ND*		*20*	*0.69*
Isophorone	50	ND		5.0	1.2	ND		5.0	1.2
Nitrobenzene	0.4	*ND*		*2.0*	*0.77*	*ND*		*2.0*	*0.77*
NDPA/DPA	50	ND		2.0	0.42	ND		2.0	0.42
n-Nitrosodi-n-propylamine	NS	ND		5.0	0.64	ND		5.0	0.64
Bis(2-ethylhexyl)phthalate	5	ND		3.0	1.5	2.2	J	3.0	1.5
Butyl benzyl phthalate	50	ND		5.0	1.2	ND		5.0	1.2
Di-n-butylphthalate	50	ND		5.0	0.39	ND		5.0	0.39
Di-n-octylphthalate	50	ND		5.0	1.3	ND		5.0	1.3
Diethyl phthalate	50	ND		5.0	0.38	ND		5.0	0.38
Dimethyl phthalate	50	ND		5.0	1.8	ND		5.0	1.8
Biphenyl	NS	ND		2.0	0.46	ND		2.0	0.46
4-Chloroaniline	5	*ND*		*5.0*	*1.1*	*ND*		*5.0*	*1.1*
2-Nitroaniline	5	*ND*		*5.0*	*0.50*	*ND*		*5.0*	*0.50*
3-Nitroaniline	5	*ND*		*5.0*	*0.81*	*ND*		*5.0*	*0.81*
4-Nitroaniline	5	*ND*		*5.0*	*0.80*	*ND*		*5.0*	*0.80*
Dibenzofuran	NS	ND		2.0	0.50	ND		2.0	0.50
1,2,4,5-Tetrachlorobenzene	5	*ND*		*10*	*0.44*	*ND*		*10*	*0.44*
Acetophenone	NS	1.7	J	5.0	0.53	0.66	J	5.0	0.53
2,4,6-Trichlorophenol	NS	ND		5.0	0.61	ND		5.0	0.61
p-Chloro-m-cresol	NS	ND		2.0	0.35	ND		2.0	0.35
2-Chlorophenol	NS	ND		2.0	0.48	ND		2.0	0.48
2,4-Dichlorophenol	1	*ND*		*5.0*	*0.41*	*ND*		*5.0*	*0.41*
2,4-Dimethylphenol	50	ND		5.0	1.8	ND		5.0	1.8
2-Nitrophenol	NS	ND		10	0.85	ND		10	0.85
4-Nitrophenol	NS	ND		10	0.67	ND		10	0.67
2,4-Dinitrophenol	10	*ND*		*20*	*6.6*	*ND*		*20*	*6.6*
4,6-Dinitro-o-cresol	NS	ND		10	1.8	ND		10	1.8
Phenol	1	*ND*		*5.0*	*0.57*	*ND*		*5.0*	*0.57*
2-Methylphenol	NS	ND		5.0	0.49	ND		5.0	0.49
3-Methylphenol/4-Methylphenol	NS	ND		5.0	0.48	ND		5.0	0.48
2,4,5-Trichlorophenol	NS	ND		5.0	0.77	ND		5.0	0.77
Benzoic Acid	NS	ND		50	2.6	ND		50	2.6
Benzyl Alcohol	NS	ND		2.0	0.59	ND		2.0	0.59
Carbazole	NS	ND		2.0	0.49	ND		2.0	0.49
Total SVOCs	NS	1.7	-	-	-	2.86	-	-	-
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) - SIM									
Acenaphthene	20	ND		0.10	0.01	ND		0.10	0.01
2-Chloronaphthalene	10	ND		0.20	0.02	ND		0.20	0.02
Fluoranthene	50	ND		0.10	0.02	ND		0.10	0.02
Hexachlorobutadiene	0.5	*ND*		*0.50*	*0.05*	*ND*		*0.50*	*0.05*
Naphthalene	10	0.09	J	0.10	0.05	0.09	J	0.10	0.05
Benzo(a)anthracene	0.002	**0.03**	J	0.10	0.02	**0.03**	J	0.10	0.02
Benzo(a)pyrene	0	*ND*		*0.10*	*0.02*	*ND*		*0.10*	*0.02*
Benzo(b)fluoranthene	0.002	*ND*		*0.10*	*0.01*	**0.02**	J	0.10	0.01
Benzo(k)fluoranthene	0.002	*ND*		*0.10*	*0.01*	**0.01**	J	0.10	0.01
Chrysene	0.002	**0.02**	J	0.10	0.01	**0.02**	J	0.10	0.01
Acenaphthylene	NS	ND		0.10	0.01	ND		0.10	0.01
Anthracene	50	0.02	J	0.10	0.01	0.03	J	0.10	0.01

Table 2B
Groundwater Sample Results Summary - SVOCs
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

	SAMPLE ID:	MW-1				MW-2			
	SAMPLING DATE:	4/14/2022				4/14/2022			
	SAMPLE MATRIX:	WATER				WATER			
ANALYTE	**NY-AWQS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Benzo(ghi)perylene	NS	ND		0.10	0.01	ND		0.10	0.01
Fluorene	50	0.08	J	0.10	0.01	0.09	J	0.10	0.01
Phenanthrene	50	0.16		0.10	0.02	0.15		0.10	0.02
Dibenzo(a,h)anthracene	NS	ND		0.10	0.01	ND		0.10	0.01
Indeno(1,2,3-cd)pyrene	0.002	*ND*		*0.10*	*0.01*	*ND*		*0.10*	*0.01*
Pyrene	50	ND		0.10	0.02	0.03	J	0.10	0.02
2-Methylnaphthalene	NS	0.06	J	0.10	0.02	0.08	J	0.10	0.02
Pentachlorophenol	1	ND		0.80	0.01	ND		0.80	0.01
Hexachlorobenzene	0.04	*ND*		*0.80*	*0.01*	*ND*		*0.80*	*0.01*
Hexachloroethane	5	ND		0.80	0.06	ND		0.80	0.06
Total SVOCs	NS	0.46	-	-	-	0.55	-	-	-
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) - TICs									
Unknown	NS	ND		-	-	1.53	J	0	0
Unknown	NS	2.94	JB	0	0	ND	-	-	-
Unknown	NS	ND		-	-	7.49	J	0	0
Unknown Organic Acid	NS	1.78	J	0	0	ND	-	-	-
Unknown	NS	ND		-	-	1.78	J	0	0
Unknown	NS	ND		-	-	5.6	J	0	0
Unknown	NS	ND		-	-	6.73	J	0	0
Unknown	NS	ND		-	-	2.87	J	0	0
Unknown	NS	ND		-	-	4.94	J	0	0
Unknown	NS	ND		-	-	1.53	J	0	0
Unknown	NS	ND		-	-	4.69	J	0	0
Unknown	NS	ND		-	-	21.5	JB	0	0
Unknown	NS	ND		-	-	2.69	J	0	0
Unknown	NS	ND		-	-	5.02	J	0	0
Unknown	NS	ND		-	-	3.53	J	0	0
Unknown	NS	ND		-	-	1.85	J	0	0
Unknown Alkane	NS	ND		-	-	ND		-	-
Unknown Alkane	NS	ND		-	-	ND		-	-
Unknown Organic Acid	NS	ND		-	-	14.1	J	0	0
Unknown Organic Acid	NS	ND		-	-	14.3	J	0	0
Unknown Organic Acid	NS	ND		-	-	8.62	J	0	0
Unknown Siloxane	NS	ND		-	-	1.49	J	0	0
Total TIC Compounds	NS	4.72	J	0	0	110	J	0	0

Notes:

Approved by: DKO 5/16/2022
SAS 1/27/2023

Units in micrograms per liter (ug/L)
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No NY Regulatory Standard
ND - Analyte not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
B - The analyte was detected above the reporting limit in the associated method blank
Italicized results indicate an analyte that was not detected, but had an elevated RL above an NY Regulatory Standard due to sample dilution due to the presence of targe analytes that exceeded the calibration range
Bold results indicate an exceedance of an NY regulatory standard
NY-AWQS: NY - New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria updated June 2021

Table 2C
Groundwater Sample Results Summary - PFAS
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

	SAMPLE ID:	MW-1				MW-2			
	SAMPLING DATE:	4/14/2022				4/14/2022			
	SAMPLE MATRIX:	WATER				WATER			
ANALYTE	**NY-AWQS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
PERFLUORINATED ALKYL ACIDS (PFAS)									
Perfluorobutanoic Acid (PFBA)	NS	4.71		1.84	3.75	4.76		1.77	3.61
Perfluoropentanoic Acid (PFPeA)	NS	6.68		1.84	0.364	5.88		1.77	3.50
Perfluorobutanesulfonic Acid (PFBS)	NS	7.80		1.84	0.219	6.69		1.77	2.10
Perfluorohexanoic Acid (PFHxA)	NS	6.16		1.84	0.302	5.29		1.77	2.90
Perfluoroheptanoic Acid (PFHpA)	NS	4.73		1.84	0.207	3.73		1.77	1.99
Perfluorohexanesulfonic Acid (PFHxS)	NS	4.10		1.84	0.346	2.73		1.77	3.33
Perfluorooctanoic Acid (PFOA)	6.7	**13.8**		1.84	0.217	**12.6**		1.77	2.09
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	NS	1.62	J	1.84	1.22	1.50	J	1.77	1.18
Perfluoroheptanesulfonic Acid (PFHpS)	NS	ND		1.84	0.633	ND		1.77	0.609
Perfluorononanoic Acid (PFNA)	NS	2.42		1.84	0.287	2.07		1.77	0.276
Perfluorooctanesulfonic Acid (PFOS)	2.7	**20.4**	**F**	1.84	0.464	**14.2**	**F**	1.77	0.446
Perfluorodecanoic Acid (PFDA)	NS	0.500	J	1.84	0.280	0.513	J	1.77	0.269
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	NS	ND		1.84	1.12	ND		1.77	1.07
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA	NS	ND		1.84	0.596	ND		1.77	0.573
Perfluoroundecanoic Acid (PFUnA)	NS	ND		1.84	0.239	0.432	J	1.77	0.230
Perfluorodecanesulfonic Acid (PFDS)	NS	ND		1.84	0.902	ND		1.77	0.867
Perfluorooctanesulfonamide (FOSA)	NS	ND		1.84	0.534	ND		1.77	0.513
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	NS	ND		1.84	0.740	ND		1.77	0.711
Perfluorododecanoic Acid (PFDoA)	NS	ND		1.84	0.342	ND		1.77	0.329
Perfluorotridecanoic Acid (PFTrDA)	NS	ND		1.84	0.301	ND		1.77	0.290
Perfluorotetradecanoic Acid (PFTA)	NS	ND		1.84	0.228	ND		1.77	0.219
PFOA/PFOS, Total	NS	34.2		1.84	0.217	26.8		1.77	0.209

Approved by: DKO 5/16/2022
SAS 4/13/2023

Notes:
Units in nanograms per liter (ng/L)
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No NY Regulatory Standard
ND - Analyte not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
F - MS and/or MSD recovery exceeds control limits
dilution due to the presence of targe analytes that exceeded the calibration range
Bold results indicate an exceedance of an NY regulatory standard
NY-AWQS: NY - New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria updated June 2021

Table 2D
Groundwater Sample Results Summary - Pesticides and PCBs
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

	SAMPLE ID:	MW-1				MW-2			
	SAMPLING DATE:	4/14/2022				4/14/2022			
	SAMPLE MATRIX:	WATER				WATER			
ANALYTE	**NY-AWQS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
ORGANOCHLORINE PESTICIDES									
Delta-BHC	0.04	ND		0.014	0.003	ND		0.014	0.003
Lindane	0.05	ND		0.014	0.003	ND		0.014	0.003
Alpha-BHC	0.01	*ND*		*0.014*	*0.003*	*ND*		*0.014*	*0.003*
Beta-BHC	0.04	ND		0.014	0.004	ND		0.014	0.004
Heptachlor	0.04	ND		0.014	0.002	ND		0.014	0.002
Aldrin	NS	*ND*		*0.014*	*0.002*	*ND*		*0.014*	*0.002*
Heptachlor epoxide	0.03	ND		0.014	0.003	ND		0.014	0.003
Endrin	NS	*ND*		*0.029*	*0.003*	*ND*		*0.029*	*0.003*
Endrin aldehyde	5	ND		0.029	0.006	ND		0.029	0.006
Endrin ketone	5	ND		0.029	0.003	ND		0.029	0.003
Dieldrin	0.004	*ND*		*0.029*	*0.003*	*ND*		*0.029*	*0.003*
4,4'-DDE	0.2	ND		0.029	0.003	ND		0.029	0.003
4,4'-DDD	0.3	ND		0.029	0.003	ND		0.029	0.003
4,4'-DDT	0.2	ND		0.029	0.003	ND		0.029	0.003
Endosulfan I	NS	ND		0.014	0.002	ND		0.014	0.002
Endosulfan II	NS	ND		0.029	0.004	ND		0.029	0.004
Endosulfan sulfate	NS	ND		0.029	0.003	ND		0.029	0.003
Methoxychlor	35	ND		0.143	0.005	ND		0.143	0.005
Toxaphene	0.06	*ND*		*0.143*	*0.045*	*ND*		*0.143*	*0.045*
cis-Chlordane	NS	ND		0.014	0.005	ND		0.014	0.005
trans-Chlordane	NS	ND		0.014	0.004	ND		0.014	0.004
Chlordane	0.05	*ND*		*0.143*	*0.033*	*ND*		*0.143*	*0.033*
POLYCHLORINATED BIPHENYLS (PCBs)									
Aroclor 1016	0.09	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1221	0.09	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1232	0.09	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1242	0.09	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1248	0.09	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1254	0.09	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1260	0.09	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1262	0.09	ND		0.071	0.061	ND		0.071	0.061
Aroclor 1268	0.09	ND		0.071	0.061	ND		0.071	0.061
PCBs, Total	NS	ND		0.071	0.061	ND		0.071	0.061

Approved by: DKO 5/16/2022
SAS 1/27/2023

Notes:
Units in micrograms per liter (ug/L)
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No NY Regulatory Standard
ND - Analyte not detected at the indicated laboratory reporting limit
Italicized results indicate an analyte that was not detected, but had an elevated RL above an NY Regulatory Standard due to sample dilution due to the presence of targe analytes that exceeded the calibration range
NY-AWQS: NY - New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria updated June 2021

Table 2E
Groundwater Sample Results Summary - Metals
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

	SAMPLE ID:	MW-1				MW-2			
	SAMPLING DATE:	4/14/2022				4/14/2022			
	SAMPLE MATRIX:	WATER				WATER			
ANALYTE	**NY-AWQS**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
TOTAL METALS									
Aluminum, Total	NS	213		10.0	3.27	574		10.0	3.27
Antimony, Total	3	*ND*		*4.0*	*0.42*	*ND*		*4.0*	*0.42*
Arsenic, Total	25	0.23	J	0.50	0.16	0.35	J	0.50	0.16
Barium, Total	1,000	48.23		0.50	0.17	50.76		0.50	0.17
Beryllium, Total	3	ND		0.50	0.10	ND		0.50	0.10
Cadmium, Total	5	ND		0.20	0.050	ND		0.20	0.050
Calcium, Total	NS	53,100		100	39.4	50,700		100	39.4
Chromium, Total	50	0.38	J	1.0	0.17	0.84	J	1.0	0.17
Cobalt, Total	NS	0.37	J	0.50	0.16	0.81		0.50	0.16
Copper, Total	200	1.55		1.0	0.38	3.35		1.0	0.38
Iron, Total	300	**391**		50.0	19.1	**1,120**		50.0	19.1
Lead, Total	25	ND		1.0	0.34	0.53	J	1.0	0.34
Magnesium, Total	35,000	9,700		70.0	24.2	9,460		70.0	24.2
Manganese, Total	300	22.3		1.0	0.44	56.02		1.0	0.44
Mercury, Total	0.7	ND		0.20	0.090	ND		0.20	0.090
Nickel, Total	100	0.76	J	2.0	0.55	1.57	J	2.0	0.55
Potassium, Total	NS	3,440		100	30.9	3,040		100	30.9
Selenium, Total	10	ND		5.0	1.73	ND		5.0	1.73
Silver, Total	50	ND		0.40	0.16	ND		0.40	0.16
Sodium, Total	20,000	**296,000**		100	29.3	**270,000**		100	29.3
Thallium, Total	0.5	*ND*		*1.0*	*0.14*	*ND*		*1.0*	*0.14*
Vanadium, Total	NS	ND		5.0	1.57	ND		5.0	1.57
Zinc, Total	2,000	ND		10.0	3.41	3.63	J	10.0	3.41

Approved by: DKO 5/16/2022
SAS 1/27/2023

Notes:
Units in micrograms per liter (ug/L)
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No NY Regulatory Standard
ND - Analyte not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
Italicized results indicate an analyte that was not detected, but had an elevated RL above an NY Regulatory Standard due to sample dilution due to the presence of targe analytes that exceeded the calibration range
Bold results indicate an exceedance of an NY regulatory standard'
NY-AWQS: NY - New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria updated June 2021

Table 3A
Subslab Soil Vapor Sample Results Summary
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

	SAMPLE ID:	SS-03				SS-04				SS-05			
	SAMPLING DATE:	4/14/2022				4/14/2022				4/14/2022			
	SAMPLE MATRIX:	SOIL VAPOR				SOIL VAPOR				SOIL VAPOR			
ANALYTE	NY DOH Matrix Criteria	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANIC COMPOUNDS (VOCs)													
1,1,1-Trichloroethane	100	ND	U	9.11	-	ND	U	1.09	-	ND	U	5.46	-
1,1,2,2-Tetrachloroethane	NS	ND	U	11.5	-	ND	U	1.37	-	ND	U	6.87	-
1,1,2-Trichloroethane	NS	ND	U	9.11	-	ND	U	1.09	-	ND	U	5.46	-
1,1-Dichloroethane	NS	ND	U	6.76	-	ND	U	0.809	-	ND	U	4.05	-
1,1-Dichloroethene	6	*ND*	*U*	*6.62*	-	*ND*	*U*	*0.793*	-	*ND*	*U*	*3.96*	-
1,2,4-Trichlorobenzene	NS	ND	U	12.4	-	ND	U	1.48	-	ND	U	7.42	-
1,2,4-Trimethylbenzene	NS	ND	U	8.21	-	2.98		0.983	-	ND	U	4.92	-
1,2-Dibromoethane	NS	ND	U	12.8	-	ND	U	1.54	-	ND	U	7.69	-
1,2-Dichlorobenzene	NS	ND	U	10.0	-	ND	U	1.20	-	ND	U	6.01	-
1,2-Dichloroethane	NS	ND	U	6.76	-	ND	U	0.809	-	ND	U	4.05	-
1,2-Dichloropropane	NS	ND	U	7.72	-	ND	U	0.924	-	ND	U	4.62	-
1,3,5-Trimethylbenzene	NS	ND	U	8.21	-	ND	U	0.983	-	ND	U	4.92	-
1,3-Butadiene	NS	ND	U	3.69	-	ND	U	0.442	-	ND	U	2.21	-
1,3-Dichlorobenzene	NS	ND	U	10.0	-	ND	U	1.20	-	ND	U	6.01	-
1,4-Dichlorobenzene	NS	ND	U	10.0	-	ND	U	1.20	-	ND	U	6.01	-
1,4-Dioxane	NS	ND	U	6.02	-	ND	U	0.721	-	ND	U	3.6	-
2,2,4-Trimethylpentane	NS	ND	U	7.80	-	ND	U	0.934	-	ND	U	4.67	-
2-Butanone	NS	ND	U	12.3	-	17.8		1.47	-	ND	U	7.37	-
2-Hexanone	NS	ND	U	6.84	-	1.87		0.820	-	ND	U	4.10	-
3-Chloropropene	NS	ND	U	5.23	-	ND	U	0.626	-	ND	U	3.13	-
4-Ethyltoluene	NS	ND	U	8.21	-	ND	U	0.983	-	ND	U	4.92	-
4-Methyl-2-pentanone	NS	ND	U	17.1	-	ND	U	2.05	-	ND	U	10.2	-
Acetone	NS	57.7		19.8	-	118		2.38	-	188		11.9	-
Benzene	NS	ND	U	5.34	-	1.03		0.639	-	ND	U	3.19	-
Benzyl chloride	NS	ND	U	8.65	-	ND	U	1.04	-	ND	U	5.18	-
Bromodichloromethane	NS	ND	U	11.2	-	ND	U	1.34	-	ND	U	6.70	-
Bromoform	NS	ND	U	17.3	-	ND	U	2.07	-	ND	U	10.3	-
Bromomethane	NS	ND	U	6.48	-	ND	U	0.777	-	ND	U	3.88	-
Carbon disulfide	NS	ND	U	5.20	-	1.77		0.623	-	ND	U	3.11	-
Carbon tetrachloride	6	*ND*	*U*	*10.5*	-	*ND*	*U*	*1.26*	-	*ND*	*U*	*6.29*	-
Chlorobenzene	NS	ND	U	7.69	-	ND	U	0.921	-	ND	U	4.61	-
Chloroethane	NS	ND	U	4.41	-	ND	U	0.528	-	ND	U	2.64	-
Chloroform	NS	ND	U	8.16	-	ND	U	0.977	-	28.5		4.88	-
Chloromethane	NS	ND	U	3.45	-	1.35		0.413	-	ND	U	2.07	-
cis-1,2-Dichloroethene	6	**11.6**		6.62	-	*ND*	*U*	*0.793*	-	**543**		3.96	-
cis-1,3-Dichloropropene	NS	ND	U	7.58	-	ND	U	0.908	-	ND	U	4.54	-
Cyclohexane	NS	ND	U	5.75	-	0.723		0.688	-	ND	U	3.44	-
Dibromochloromethane	NS	ND	U	14.2	-	ND	U	1.70	-	ND	U	8.52	-
Dichlorodifluoromethane	NS	ND	U	8.26	-	2.65		0.989	-	ND	U	4.94	-

Table 3A
Subslab Soil Vapor Sample Results Summary
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

	SAMPLE ID:	SS-03				SS-04				SS-05			
	SAMPLING DATE:	4/14/2022				4/14/2022				4/14/2022			
	SAMPLE MATRIX:	SOIL VAPOR				SOIL VAPOR				SOIL VAPOR			
ANALYTE	**NY DOH Matrix Criteria**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANIC COMPOUNDS (VOCs)													
Ethanol	NS	ND	U	78.6	-	36.6		9.42	-	54.1		47.1	-
Ethyl Acetate	NS	ND	U	15.0	-	ND	U	1.80	-	ND	U	9.01	-
Ethylbenzene	NS	ND	U	7.25	-	10.9		0.869	-	ND	U	4.34	-
Freon-113	NS	ND	U	12.8	-	ND	U	1.53	-	ND	U	7.66	-
Freon-114	NS	ND	U	11.7	-	ND	U	1.40	-	ND	U	6.99	-
Heptane	NS	ND	U	6.84	-	4.84		0.82	-	6.97		4.10	-
Hexachlorobutadiene	NS	ND	U	17.8	-	ND	U	2.13	-	ND	U	10.7	-
Isopropanol	NS	ND	U	10.3	-	5.63		1.23	-	ND	U	6.15	-
Methyl tert butyl ether	NS	ND	U	6.02	-	ND	U	0.721	-	ND	U	3.61	-
Methylene chloride	100	*ND*	*U*	*14.5*	-	3.15		1.74	-	ND	U	8.69	-
n-Hexane	NS	ND	U	5.89	-	3.18		0.705	-	5.22		3.52	-
o-Xylene	NS	ND	U	7.25	-	14.6		0.869	-	ND	U	4.34	-
p/m-Xylene	NS	ND	U	14.5	-	50.4		1.74	-	ND	U	8.69	-
Styrene	NS	ND	U	7.11	-	ND	U	0.852	-	ND	U	4.26	-
Tertiary butyl Alcohol	NS	ND	U	12.6	-	2.03		1.52	-	ND	U	7.58	-
Tetrachloroethene	100	**3,160**		11.3	-	**490**		1.36	-	**2,500**		6.78	-
Tetrahydrofuran	NS	ND	U	12.3	-	17.1		1.47	-	ND	U	7.37	-
Toluene	NS	ND	U	6.29	-	6.26		0.754	-	ND	U	3.77	-
trans-1,2-Dichloroethene	NS	ND	U	6.62	-	ND	U	0.793	-	6.22		3.96	-
trans-1,3-Dichloropropene	NS	ND	U	7.58	-	ND	U	0.908	-	ND	U	4.54	-
Trichloroethene	6	**41.5**		8.97	-	**4.96**		1.07	-	**394**		5.37	-
Trichlorofluoromethane	NS	ND	U	9.38	-	1.37		1.12	-	ND	U	5.62	-
Vinyl bromide	NS	ND	U	7.30	-	ND	U	0.874	-	ND	U	4.37	-
Vinyl chloride	6	*ND*	*U*	*4.27*	-	ND	U	0.511	-	*ND*	*U*	*2.56*	-

Notes:
Units in micrograms per cubic meter (µg/m³)
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No Regulatory NY DOH Matrix Criteria Standard
ND - Analyte not detected at the indicated laboratory reporting limit
U - Analyte not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
Italicized results indicate an analyte that was not detected, but had an elevated RL above a NY DOH Matrix Criteria due to need for Sample dilution due to the presence of targe analytes that exceeded the calibration range
Bold results indicate an exceedance of an NYSDEC regulatory standard
NY DOH Matrix Criteria: NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006), updated May 2017

Approved by: DKO 5/16/2022
SAS 1/27/2023

Table 3B
Subslab Soil Vapor Sample Results Summary - Contaminants of Concern
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

	SAMPLE ID:	SS-03				SS-04				SS-05				NYSDOH Requirements Established in the Soil Vapor/Indoor Air Matrices
	SAMPLING DATE:	4/14/2022				4/14/2022				4/14/2022				
	SAMPLE LOCATION:	Southwest corner of the basement				Northwest side of the basement				East-central side of the basement				
	SAMPLE MATRIX:	SOIL VAPOR				SOIL VAPOR				SOIL VAPOR				
ANALYTE	NY DOH Matrix Criteria	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	
VOLATILE ORGANICS IN AIR														
1,1,1-Trichloroethane	100	ND	U	9.11	-	ND	U	1.09	-	ND	U	5.46	-	No Further Action
Methylene chloride	100	ND	U	14.5	-	3.15		1.74	-	ND	U	8.69	-	No Further Action
Tetrachloroethene	100	**3,160**		11.3	-	**490**		1.36	-	**2,500**		6.78	-	**Mitigate**
1,1-Dichloroethene	6	*ND*	*U*	*6.62*	-	ND	U	0.793	-	ND	U	3.96	-	No Further Action
Carbon tetrachloride	6	*ND*	*U*	*10.5*	-	ND	U	1.26	-	*ND*	*U*	*6.29*	-	No Further Action
cis-1,2-Dichloroethene	6	**11.6**		6.62	-	ND	U	0.793	-	**543**		3.96	-	**Mitigate**
Trichloroethene	6	**41.5**		8.97	-	4.96		1.07	-	**394**		5.37	-	**Mitigate**
Vinyl chloride	6	ND	U	4.27	-	ND	U	0.511	-	ND	U	2.56	-	No Further Action

Approved by: DKO 5/16/2022
SAS 1/27/2023

Notes:
Units in micrograms per cubic meter (µg/m³)
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
Blue highlighted compound - New York DOH Matrix B Sub-slab Vapor Concentrations Criteria Evaluating Soil Vapor Intrusion
Yellow highlighted compound - New York DOH Matrix A Sub-slab Vapor Concentrations Criteria for Evaluating Soil Vapor Intrusion
Green highlighted compound - New York DOH Matrix C Sub-slab Vapor Concentrations Criteria Evaluating Soil Vapor Intrusion
ND - Analyte not detected at the indicated laboratory reporting limit
U - Analyte not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
Italicized results indicate an analyte that was not detected, but had an elevated RL above a NY DOH Matrix Criteria due to need for Sample dilution due to the presence of targe analytes that exceeded the calibration range
Bold results indicate an exceedance of the indicated New York DOH Matrix Regulatory Criteria

Table 4A
Indoor Air Sample Results Summary
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

	SAMPLE ID:	IA-04				IA-05				IA-06				OA-02			
	SAMPLING DATE:	4/14/2022				4/14/2022				4/14/2022				4/14/2022			
	SAMPLE MATRIX:	AIR				AIR				AIR				AIR			
ANALYTE	NY DOH Matrix Criteria	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS IN AIR																	
1,1,1-Trichloroethane	3	ND	U	0.109	-	ND	U	0.109	-	ND	U	0.109	-	ND	U	0.109	-
1,1,2,2-Tetrachloroethane	NS	ND	U	1.37	-	ND	U	1.37	-	ND	U	1.37	-	ND	U	1.37	-
1,1,2-Trichloroethane	NS	ND	U	1.09	-	ND	U	1.09	-	ND	U	1.09	-	ND	U	1.09	-
1,1-Dichloroethane	NS	ND	U	0.809	-	ND	U	0.809	-	ND	U	0.809	-	ND	U	0.809	-
1,1-Dichloroethene	0.2	ND	U	0.0790	-	ND	U	0.0790	-	ND	U	0.0790	-	ND	U	0.0790	-
1,2,4-Trichlorobenzene	NS	ND	U	1.48	-	ND	U	1.48	-	ND	U	1.48	-	ND	U	1.48	-
1,2,4-Trimethylbenzene	NS	1.35		0.983	-	ND	U	0.983	-	ND	U	0.983	-	ND	U	0.983	-
1,2-Dibromoethane	NS	ND	U	1.54	-	ND	U	1.54	-	ND	U	1.54	-	ND	U	1.54	-
1,2-Dichlorobenzene	NS	ND	U	1.20	-	ND	U	1.20	-	ND	U	1.20	-	ND	U	1.20	-
1,2-Dichloroethane	NS	ND	U	0.809	-	ND	U	0.809	-	ND	U	0.809	-	ND	U	0.809	-
1,2-Dichloropropane	NS	ND	U	0.924	-	ND	U	0.924	-	ND	U	0.924	-	ND	U	0.924	-
1,3,5-Trimethylbenzene	NS	ND	U	0.983	-	ND	U	0.983	-	ND	U	0.983	-	ND	U	0.983	-
1,3-Butadiene	NS	ND	U	0.442	-	ND	U	0.442	-	ND	U	0.442	-	ND	U	0.442	-
1,3-Dichlorobenzene	NS	ND	U	1.20	-	ND	U	1.20	-	ND	U	1.20	-	ND	U	1.20	-
1,4-Dichlorobenzene	NS	ND	U	1.20	-	ND	U	1.20	-	ND	U	1.20	-	ND	U	1.20	-
1,4-Dioxane	NS	ND	U	0.721	-	ND	U	0.721	-	ND	U	0.721	-	ND	U	0.721	-
2,2,4-Trimethylpentane	NS	ND	U	0.934	-	ND	U	0.934	-	ND	U	0.934	-	ND	U	0.934	-
2-Butanone	NS	18.1		1.47	-	16.0		1.47	-	3.60		1.47	-	ND	U	1.47	-
2-Hexanone	NS	ND	U	0.820	-	ND	U	0.820	-	ND	U	0.820	-	ND	U	0.820	-
3-Chloropropene	NS	ND	U	0.626	-	ND	U	0.626	-	ND	U	0.626	-	ND	U	0.626	-
4-Ethyltoluene	NS	ND	U	0.983	-	ND	U	0.983	-	ND	U	0.983	-	ND	U	0.983	-
4-Methyl-2-pentanone	NS	ND	U	2.05	-	ND	U	2.05	-	ND	U	2.05	-	ND	U	2.05	-
Acetone	NS	82.0		2.38	-	82.7		2.38	-	43.2		2.38	-	12.4		2.38	-
Benzene	NS	0.805		0.639	-	0.776		0.639	-	0.725		0.639	-	ND	U	0.639	-
Benzyl chloride	NS	ND	U	1.04	-	ND	U	1.04	-	ND	U	1.04	-	ND	U	1.04	-
Bromodichloromethane	NS	ND	U	1.34	-	ND	U	1.34	-	ND	U	1.34	-	ND	U	1.34	-
Bromoform	NS	ND	U	2.07	-	ND	U	2.07	-	ND	U	2.07	-	ND	U	2.07	-
Bromomethane	NS	ND	U	0.777	-	ND	U	0.777	-	ND	U	0.777	-	ND	U	0.777	-
Carbon disulfide	NS	ND	U	0.623	-	ND	U	0.623	-	ND	U	0.623	-	ND	U	0.623	-
Carbon tetrachloride	0.2	**0.478**		0.126	-	**0.503**		0.126	-	**0.510**		0.126	-	**0.547**		0.126	-
Chlorobenzene	NS	ND	U	0.921	-	ND	U	0.921	-	ND	U	0.921	-	ND	U	0.921	-
Chloroethane	NS	ND	U	0.528	-	ND	U	0.528	-	ND	U	0.528	-	ND	U	0.528	-
Chloroform	NS	ND	U	0.977	-	ND	U	0.977	-	ND	U	0.977	-	ND	U	0.977	-
Chloromethane	NS	1.21		0.413	-	1.24		0.413	-	1.33		0.413	-	1.32		0.413	-
cis-1,2-Dichloroethene	0.2	ND	U	0.0790	-	ND	U	0.0790	-	ND	U	0.0790	-	ND	U	0.0790	-
cis-1,3-Dichloropropene	NS	ND	U	0.908	-	ND	U	0.908	-	ND	U	0.908	-	ND	U	0.908	-
Cyclohexane	NS	ND	U	0.688	-	ND	U	0.688	-	ND	U	0.688	-	ND	U	0.688	-
Dibromochloromethane	NS	ND	U	1.70	-	ND	U	1.70	-	ND	U	1.70	-	ND	U	1.70	-
Dichlorodifluoromethane	NS	2.53		0.989	-	2.49		0.989	-	2.57		0.989	-	2.52		0.989	-

Table 4A
Indoor Air Sample Results Summary
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

	SAMPLE ID:	IA-04				IA-05				IA-06				OA-02			
	SAMPLING DATE:	4/14/2022				4/14/2022				4/14/2022				4/14/2022			
	SAMPLE MATRIX:	AIR				AIR				AIR				AIR			
ANALYTE	**NY DOH Matrix Criteria**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS IN AIR																	
Ethanol	NS	52.8		9.42	-	68.4		9.42	-	139		9.42	-	21.9		9.42	-
Ethyl Acetate	NS	ND	U	1.80	-	ND	U	1.80	-	2.18		1.80	-	ND	U	1.80	-
Ethylbenzene	NS	13.1		0.869	-	7.25		0.869	-	2.3		0.869	-	ND	U	0.869	-
Freon-113	NS	ND	U	1.53	-	ND	U	1.53	-	ND	U	1.53	-	ND	U	1.53	-
Freon-114	NS	ND	U	1.40	-	ND	U	1.40	-	ND	U	1.40	-	ND	U	1.40	-
Heptane	NS	ND	U	0.820	-	ND	U	0.820	-	ND	U	0.820	-	ND	U	0.820	-
Hexachlorobutadiene	NS	ND	U	2.13	-	ND	U	2.13	-	ND	U	2.13	-	ND	U	2.13	-
Isopropanol	NS	3.76		1.23	-	4.67		1.23	-	6.32		1.23	-	4.03		1.23	-
Methyl tert butyl ether	NS	ND	U	0.721	-	ND	U	0.721	-	ND	U	0.721	-	ND	U	0.721	-
Methylene chloride	3	ND	U	1.74	-	ND	U	1.74	-	ND	U	1.74	-	ND	U	1.74	-
n-Hexane	NS	0.705		0.705	-	0.712		0.705	-	ND	U	0.705	-	ND	U	0.705	-
o-Xylene	NS	17.9		0.869	-	9.9		0.869	-	3.19		0.869	-	ND	U	0.869	-
p/m-Xylene	NS	63.4		1.74	-	34.4		1.74	-	11.7		1.74	-	ND	U	1.74	-
Styrene	NS	ND	U	0.852	-	ND	U	0.852	-	ND	U	0.852	-	ND	U	0.852	-
Tertiary butyl Alcohol	NS	ND	U	1.52	-	ND	U	1.52	-	ND	U	1.52	-	ND	U	1.52	-
Tetrachloroethene	3	**18.3**		0.136	-	**12.4**		0.136	-	**4.72**		0.136	-	ND	U	0.136	-
Tetrahydrofuran	NS	21.6		1.47	-	16.8		1.47	-	2.42		1.47	-	ND	U	1.47	-
Toluene	NS	5.88		0.754	-	3.84		0.754	-	2.09		0.754	-	ND	U	0.754	-
trans-1,2-Dichloroethene	NS	ND	U	0.793	-	ND	U	0.793	-	ND	U	0.793	-	ND	U	0.793	-
trans-1,3-Dichloropropene	NS	ND	U	0.908	-	ND	U	0.908	-	ND	U	0.908	-	ND	U	0.908	-
Trichloroethene	0.2	0.118		0.107	-	ND	U	0.107	-	ND	U	0.107	-	ND	U	0.107	-
Trichlorofluoromethane	NS	1.33		1.12	-	1.33		1.12	-	1.3		1.12	-	1.26		1.12	-
Vinyl bromide	NS	ND	U	0.874	-	ND	U	0.874	-	ND	U	0.874	-	ND	U	0.874	-
Vinyl chloride	0.2	ND	U	0.0510	-	ND	U	0.0510	-	ND	U	0.0510	-	ND	U	0.0510	-

Notes:

Approved by: DKO 5/16/2022
SAS 1/27/2023

Units in micrograms per cubic meter (µg/m³)
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No Regulatory NY DOH Matrix Criteria Standard
ND - Analyte not detected at the indicated laboratory reporting limit
U - Analyte not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
Italicized results indicate an analyte that was not detected, but had an elevated RL above a NY DOH Matrix Criteria due to need for Sample dilution due to the presence of targe analytes that exceeded the calibration range
Bold results indicate an exceedance of an NYSDEC regulatory standard
NY DOH Matrix Criteria: NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006), updated May 2017

Table 4B
Indoor Air Sample Results Summary - Contaminants of Concern
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

	SAMPLE ID:	IA-04				IA-05				IA-06				OA-02				NYSDOH Requirements Established in the Soil Vapor/Indoor Air Matrices
	SAMPLING DATE:	4/14/2022				4/14/2022				4/14/2022				4/14/2022				
	SAMPLE LOCATION:	Basement				Vacant Space				Tenant Space				Outside of Building				
	SAMPLE MATRIX:	AIR				AIR				AIR				AIR				
ANALYTE	NY DOH Matrix Criteria	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	
VOLATILE ORGANICS IN AIR																		
1,1,1-Trichloroethane	3	ND	U	0.109	-	ND	U	0.109	-	ND	U	0.109	-	ND	U	0.109	-	No Further Action
Methylene chloride	3	ND	U	1.74	-	ND	U	1.74	-	ND	U	1.74	-	ND	U	1.74	-	No Further Action
Tetrachloroethene	3	**18.3**		0.136	-	**12.4**		0.136	-	**4.72**		0.136	-	ND	U	0.136	-	**Mitigate**
1,1-Dichloroethene	0.2	ND	U	0.0790	-	ND	U	0.0790	-	ND	U	0.0790	-	ND	U	0.0790	-	No Further Action
Carbon tetrachloride	0.2	**0.478**		0.126	-	**0.503**		0.126	-	**0.510**		0.126	-	**0.547**		0.126	-	**Mitigate**
cis-1,2-Dichloroethene	0.2	ND	U	0.0790	-	ND	U	0.0790	-	ND	U	0.0790	-	ND	U	0.0790	-	No Further Action
Trichloroethene	0.2	0.118		0.107	-	ND	U	0.107	-	ND	U	0.107	-	ND	U	0.107	-	No Further Action
Vinyl chloride	0.2	ND	U	0.0510	-	ND	U	0.0510	-	ND	U	0.0510	-	ND	U	0.0510	-	No Further Action

Approved by: AD 1/24/2023
SAS 1/27/2023

Notes:
Units in micrograms per cubic meter (µg/m³)
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
Blue highlighted compound - New York DOH Matrix B Sub-slab Vapor Concentrations Criteria Evaluating Soil Vapor Intrusion
Yellow highlighted compound - New York DOH Matrix A Sub-slab Vapor Concentrations Criteria for Evaluating Soil Vapor Intrusion
Green highlighted compound - New York DOH Matrix C Sub-slab Vapor Concentrations Criteria Evaluating Soil Vapor Intrusion
ND - Analyte not detected at the indicated laboratory reporting limit
U - Analyte not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
Italicized results indicate an analyte that was not detected, but had an elevated RL above a NY DOH Matrix Criteria due to need for Sample dilution due to the presence of targe analytes that exceeded the calibration range
Bold results indicate an exceedance of the indicated New York DOH Matrix Regulatory Criteria

Table 5
Concrete Sample Results Summary
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

							SAMPLE ID:	C-01				C-02			
							SAMPLING DATE:	7/8/2022				7/8/2022			
							SAMPLE MATRIX:	CONCRETE				CONCRETE			
ANALYTE	NY-RESC	NY-RESER	NY-RESGW	NY-RESI	NY-RESR	NY-RESRR	NY-UNRES	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANIC COMPOUNDS (VOCs)															
1,1,1,2-Tetrachloroethane	NS	NS	NS	NS	NS	NS	NS	<0.00013	U	0.00051	0.00013	<0.00014	U	0.00051	0.00014
1,1,1-Trichloroethane	500	NS	0.68	1,000	100	100	0.68	<0.00017	U	0.00051	0.00017	<0.00017	U	0.00051	0.00017
1,1,2,2-Tetrachloroethane	NS	NS	NS	NS	NS	NS	NS	<0.00017	U	0.00051	0.00017	<0.00017	U	0.00051	0.00017
1,1,2-Trichloroethane	NS	NS	NS	NS	NS	NS	NS	<0.00027	U	0.0010	0.00027	<0.00027	U	0.0010	0.00027
1,1-Dichloroethane	240	NS	0.27	480	19	26	0.27	<0.00015	U	0.0010	0.00015	<0.00015	U	0.0010	0.00015
1,1-Dichloroethene	500	NS	0.33	1,000	100	100	0.33	<0.00024	U	0.0010	0.00024	<0.00024	U	0.0010	0.00024
1,1-Dichloropropene	NS	NS	NS	NS	NS	NS	NS	<0.00016	U	0.00051	0.00016	<0.00016	U	0.00051	0.00016
1,2,3-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS	<0.00033	U	0.0020	0.00033	<0.00033	U	0.0020	0.00033
1,2,3-Trichloropropane	NS	NS	NS	NS	NS	NS	NS	<0.00013	U	0.0020	0.00013	<0.00013	U	0.0020	0.00013
1,2,4,5-Tetramethylbenzene	NS	NS	NS	NS	NS	NS	NS	<0.00019	U	0.0020	0.00019	<0.00020	U	0.0020	0.0002
1,2,4-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS	<0.00028	U	0.0020	0.00028	<0.00028	U	0.0020	0.00028
1,2,4-Trimethylbenzene	190	NS	3.6	380	47	52	3.6	<0.00034	U	0.0020	0.00034	0.00034	J	0.0020	0.00034
1,2-Dibromo-3-chloropropane	NS	NS	NS	NS	NS	NS	NS	<0.0010	U	0.0030	0.0010	<0.0010	U	0.0031	0.0010
1,2-Dibromoethane	NS	NS	NS	NS	NS	NS	NS	<0.00028	U	0.0010	0.00028	<0.00029	U	0.0010	0.00029
1,2-Dichlorobenzene	500	NS	1.1	1,000	100	100	1.1	<0.00015	U	0.0020	0.00015	<0.00015	U	0.0020	0.00015
1,2-Dichloroethane	30	10	0.02	60	2.3	3.1	0.02	<0.00026	U	0.0010	0.00026	<0.00026	U	0.0010	0.00026
1,2-Dichloroethene, Total	NS	NS	NS	NS	NS	NS	NS	<0.00014	U	0.0010	0.00014	0.00026	J	0.0010	0.00014
1,2-Dichloropropane	NS	NS	NS	NS	NS	NS	NS	<0.00013	U	0.0010	0.00013	<0.00013	U	0.0010	0.00013
1,3,5-Trimethylbenzene	190	NS	8.4	380	47	52	8.4	<0.00020	U	0.0020	0.00020	<0.00020	U	0.0020	0.00020
1,3-Dichlorobenzene	280	NS	2.4	560	17	49	2.4	<0.00015	U	0.0020	0.00015	<0.00015	U	0.0020	0.00015
1,3-Dichloropropane	NS	NS	NS	NS	NS	NS	NS	<0.00017	U	0.0020	0.00017	<0.00017	U	0.0020	0.00017
1,3-Dichloropropene, Total	NS	NS	NS	NS	NS	NS	NS	<0.00016	U	0.00051	0.00016	<0.00016	U	0.00051	0.00016
1,4-Dichlorobenzene	130	20	1.8	250	9.8	13	1.8	<0.00017	U	0.0020	0.00017	<0.00018	U	0.0020	0.00018
1,4-Dioxane	130	0.1	0.1	250	9.8	13	0.1	<0.036	U	0.081	0.036	<0.036	U	0.082	0.036
2,2-Dichloropropane	NS	NS	NS	NS	NS	NS	NS	<0.00020	U	0.0020	0.00020	<0.00021	U	0.0020	0.00021
2-Butanone	500	100	0.12	1,000	100	100	0.12	<0.0022	U	0.010	0.0022	<0.0023	U	0.010	0.0023
2-Hexanone	NS	NS	NS	NS	NS	NS	NS	<0.0012	U	0.010	0.0012	<0.0012	U	0.010	0.0012
4-Methyl-2-pentanone	NS	NS	NS	NS	NS	NS	NS	<0.0013	U	0.010	0.0013	<0.0013	U	0.010	0.0013
Acetone	500	2.2	0.05	1,000	100	100	0.05	<0.0049	U	0.010	0.0049	0.0068	J	0.010	0.0049
Acrylonitrile	NS	NS	NS	NS	NS	NS	NS	<0.0012	U	0.0041	0.0012	<0.0012	U	0.0041	0.0012
Benzene	44	70	0.06	89	2.9	4.8	0.06	<0.00017	U	0.00051	0.00017	<0.00017	U	0.00051	0.00017
Bromobenzene	NS	NS	NS	NS	NS	NS	NS	<0.00015	U	0.0020	0.00015	<0.00015	U	0.0020	0.00015
Bromochloromethane	NS	NS	NS	NS	NS	NS	NS	<0.00021	U	0.0020	0.00021	<0.00021	U	0.0020	0.00021
Bromodichloromethane	NS	NS	NS	NS	NS	NS	NS	<0.00011	U	0.00051	0.00011	<0.00011	U	0.00051	0.00011
Bromoform	NS	NS	NS	NS	NS	NS	NS	<0.00025	U	0.0041	0.00025	<0.00025	U	0.0041	0.00025
Bromomethane	NS	NS	NS	NS	NS	NS	NS	<0.00059	U	0.0020	0.00059	<0.00060	U	0.0020	0.00060
Carbon disulfide	NS	NS	NS	NS	NS	NS	NS	<0.0046	U	0.010	0.0046	<0.0047	U	0.010	0.0047
Carbon tetrachloride	22	NS	0.76	44	1.4	2.4	0.76	<0.00023	U	0.0010	0.00023	<0.00024	U	0.0010	0.00024
Chlorobenzene	500	40	1.1	1,000	100	100	1.1	<0.00013	U	0.00051	0.00013	<0.00013	U	0.00051	0.00013
Chloroethane	NS	NS	NS	NS	NS	NS	NS	<0.00046	U	0.0020	0.00046	<0.00046	U	0.0020	0.00046
Chloroform	350	12	0.37	700	10	49	0.37	<0.00014	U	0.0015	0.00014	<0.00014	U	0.0015	0.00014
Chloromethane	NS	NS	NS	NS	NS	NS	NS	<0.00095	U	0.0041	0.00095	<0.00096	U	0.0041	0.00096
cis-1,2-Dichloroethene	500	NS	0.25	1,000	59	100	0.25	<0.00018	U	0.0010	0.00018	0.00026	J	0.0010	0.00018
cis-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	NS	<0.00016	U	0.00051	0.00016	<0.00016	U	0.00051	0.00016
Dibromochloromethane	NS	NS	NS	NS	NS	NS	NS	<0.00014	U	0.0010	0.00014	<0.00014	U	0.0010	0.00014
Dibromomethane	NS	NS	NS	NS	NS	NS	NS	<0.00024	U	0.0020	0.00024	<0.00024	U	0.0020	0.00024
Dichlorodifluoromethane	NS	NS	NS	NS	NS	NS	NS	<0.00093	U	0.010	0.00093	<0.00094	U	0.010	0.00094
Ethyl ether	NS	NS	NS	NS	NS	NS	NS	<0.00035	U	0.0020	0.00035	<0.00035	U	0.0020	0.00035
Ethylbenzene	390	NS	1	780	30	41	1	<0.00014	U	0.0010	0.00014	0.00017	J	0.0010	0.00014
Hexachlorobutadiene	NS	NS	NS	NS	NS	NS	NS	<0.00017	U	0.0041	0.00017	<0.00017	U	0.0041	0.00017
Isopropylbenzene	NS	NS	NS	NS	NS	NS	NS	<0.00011	U	0.0010	0.00011	<0.00011	U	0.0010	0.00011
Methyl tert butyl ether	500	NS	0.93	1,000	62	100	0.93	<0.00020	U	0.0020	0.00020	<0.00021	U	0.0020	0.00021
Methylene chloride	500	12	0.05	1,000	51	100	0.05	<0.0023	U	0.0051	0.0023	<0.0024	U	0.0051	0.0024
n-Butylbenzene	500	NS	12	1,000	100	100	12	<0.00017	U	0.0010	0.00017	<0.00017	U	0.0010	0.00017
n-Propylbenzene	500	NS	3.9	1,000	100	100	3.9	<0.00017	U	0.0010	0.00017	<0.00018	U	0.0010	0.00018

Table 5
Concrete Sample Results Summary
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

							SAMPLE ID:	C-01				C-02			
							SAMPLING DATE:	7/8/2022				7/8/2022			
							SAMPLE MATRIX:	CONCRETE				CONCRETE			
ANALYTE	NY-RESC	NY-RESER	NY-RESGW	NY-RESI	NY-RESR	NY-RESRR	NY-UNRES	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Naphthalene	500	NS	12	1,000	100	100	12	<0.00066	U	0.0041	0.00066	<0.00067	U	0.0041	0.00067
o-Chlorotoluene	NS	NS	NS	NS	NS	NS	NS	<0.00019	U	0.0020	0.00019	<0.00020	U	0.0020	0.00020
o-Xylene	NS	NS	NS	NS	NS	NS	NS	<0.00030	U	0.0010	0.00030	<0.00030	U	0.0010	0.00030
p-Chlorotoluene	NS	NS	NS	NS	NS	NS	NS	<0.00011	U	0.0020	0.00011	<0.00011	U	0.0020	0.00011
p-Diethylbenzene	NS	NS	NS	NS	NS	NS	NS	<0.00018	U	0.0020	0.00018	<0.00018	U	0.0020	0.00018
p-Ethyltoluene	NS	NS	NS	NS	NS	NS	NS	<0.00039	U	0.0020	0.00039	<0.00039	U	0.0020	0.00039
p-Isopropyltoluene	NS	NS	NS	NS	NS	NS	NS	<0.00011	U	0.0010	0.00011	0.00012	J	0.0010	0.00011
p/m-Xylene	NS	NS	NS	NS	NS	NS	NS	<0.00057	U	0.0020	0.00057	0.00072	J	0.0020	0.00057
sec-Butylbenzene	500	NS	11	1,000	100	100	11	<0.00015	U	0.0010	0.00015	<0.00015	U	0.0010	0.00015
Styrene	NS	NS	NS	NS	NS	NS	NS	<0.00020	U	0.0010	0.00020	0.00021	J	0.0010	0.00020
tert-Butylbenzene	500	NS	5.9	1,000	100	100	5.9	<0.00012	U	0.0020	0.00012	<0.00012	U	0.0020	0.00012
Tetrachloroethene	150	2	1.3	300	5.5	19	1.3	<0.00020	U	0.00051	0.00020	0.00036	J	0.00051	0.00020
Toluene	500	36	0.7	1,000	100	100	0.7	<0.00055	U	0.0010	0.00055	0.00067	J	0.0010	0.00056
trans-1,2-Dichloroethene	500	NS	0.19	1,000	100	100	0.19	<0.00014	U	0.0015	0.00014	<0.00014	U	0.0015	0.00014
trans-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	NS	<0.00028	U	0.0010	0.00028	<0.00028	U	0.0010	0.00028
trans-1,4-Dichloro-2-butene	NS	NS	NS	NS	NS	NS	NS	<0.0014	U	0.0051	0.0014	<0.0014	U	0.0051	0.0014
Trichloroethene	200	2	0.47	400	10	21	0.47	0.00018	J	0.00051	0.00014	0.00024	J	0.00051	0.00014
Trichlorofluoromethane	NS	NS	NS	NS	NS	NS	NS	<0.00071	U	0.0041	0.00071	<0.00071	U	0.0041	0.00071
Vinyl acetate	NS	NS	NS	NS	NS	NS	NS	<0.0022	U	0.0100	0.0022	<0.0022	U	0.010	0.0022
Vinyl chloride	13	NS	0.02	27	0.21	0.9	0.02	<0.00034	U	0.0010	0.00034	<0.00034	U	0.0010	0.00034
Xylenes, Total	500	0.26	1.6	1,000	100	100	0.26	<0.0003	U	0.0010	0.00030	0.00072	J	0.0010	0.00030
Total VOCs	NS	NS	NS	NS	NS	NS	NS	0.00018	-	-	-	0.00989	-	-	-
VOLATILE ORGANIC COMPOUNDS (VOCs) - TICs															
1-Butanol	NS	NS	NS	NS	NS	NS	NS	-		-	-	0.00748	NJ	0	0
1-Hexanol, 2-ethyl-	NS	NS	NS	NS	NS	NS	NS	-		-	-	-		-	-
7-Octen-2-ol, 2,6-dimethyl-	NS	NS	NS	NS	NS	NS	NS	-		-	-	-		-	-
Butylated Hydroxytoluene	NS	NS	NS	NS	NS	NS	NS	-		-	-	-		-	-
Unknown	NS	NS	NS	NS	NS	NS	NS	0.00612	J	0	0	0.0152	J	0	0
Unknown	NS	NS	NS	NS	NS	NS	NS	0.031	J	0	0	0.00252	J	0	0
Unknown	NS	NS	NS	NS	NS	NS	NS	-		-	-	0.0738	J	0	0
Unknown	NS	NS	NS	NS	NS	NS	NS	0.00224	J	0	0	0.0836	J	0	0
Unknown Organic Acid	NS	NS	NS	NS	NS	NS	NS	0.00399	J	0	0	-		-	-
Total TIC Compounds	NS	NS	NS	NS	NS	NS	NS	0.0434	J	0	0	0.183	J	0	0

Notes:
Units in milligrams per kilogram (mg/kg)
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No regulatory standard
<0.00022 - analyte not detected at the indicated laboratory reporting limit
U - Not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
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.
"-" - not analyzed
Bold results indicate an exceedance of a NYSDEC regulatory standard
NOTE: Regulatory standards above are pertaining to soil, as no NYSDEC regulatory standards exist for concrete samples
NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESER: New York NYCRR Part 375 Ecological Resources Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESI: New York NYCRR Part 375 Industrial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESR: New York NYCRR Part 375 Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 5
Concrete Sample Results Summary
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

							SAMPLE ID:	C-03				C-04			
							SAMPLING DATE:	7/8/2022				7/8/2022			
							SAMPLE MATRIX:	CONCRETE				CONCRETE			
ANALYTE	NY-RESC	NY-RESER	NY-RESGW	NY-RESI	NY-RESR	NY-RESRR	NY-UNRES	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANIC COMPOUNDS (VOCs)															
1,1,1,2-Tetrachloroethane	NS	NS	NS	NS	NS	NS	NS	<0.00014	U	0.00054	0.00014	<0.00012	U	0.00048	0.00012
1,1,1-Trichloroethane	500	NS	0.68	1,000	100	100	0.68	<0.00018	U	0.00054	0.00018	<0.00016	U	0.00048	0.00016
1,1,2,2-Tetrachloroethane	NS	NS	NS	NS	NS	NS	NS	<0.00018	U	0.00054	0.00018	<0.00016	U	0.00048	0.00016
1,1,2-Trichloroethane	NS	NS	NS	NS	NS	NS	NS	<0.00029	U	0.0011	0.00029	<0.00025	U	0.00095	0.00025
1,1-Dichloroethane	240	NS	0.27	480	19	26	0.27	<0.00016	U	0.0011	0.00016	<0.00014	U	0.00095	0.00014
1,1-Dichloroethene	500	NS	0.33	1,000	100	100	0.33	<0.00026	U	0.0011	0.00026	<0.00023	U	0.00095	0.00023
1,1-Dichloropropene	NS	NS	NS	NS	NS	NS	NS	<0.00017	U	0.00054	0.00017	<0.00015	U	0.00048	0.00015
1,2,3-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS	<0.00035	U	0.0022	0.00035	<0.00031	U	0.0019	0.00031
1,2,3-Trichloropropane	NS	NS	NS	NS	NS	NS	NS	<0.00014	U	0.0022	0.00014	<0.00012	U	0.0019	0.00012
1,2,4,5-Tetramethylbenzene	NS	NS	NS	NS	NS	NS	NS	<0.00020	U	0.0022	0.00020	<0.00018	U	0.0019	0.00018
1,2,4-Trichlorobenzene	NS	NS	NS	NS	NS	NS	NS	<0.00029	U	0.0022	0.00029	<0.00026	U	0.0019	0.00026
1,2,4-Trimethylbenzene	190	NS	3.6	380	47	52	3.6	<0.00036	U	0.0022	0.00036	<0.00032	U	0.0019	0.00032
1,2-Dibromo-3-chloropropane	NS	NS	NS	NS	NS	NS	NS	<0.0011	U	0.0032	0.0011	<0.00095	U	0.0028	0.00095
1,2-Dibromoethane	NS	NS	NS	NS	NS	NS	NS	<0.00030	U	0.0011	0.00030	<0.00026	U	0.00095	0.00026
1,2-Dichlorobenzene	500	NS	1.1	1,000	100	100	1.1	<0.00016	U	0.0022	0.00016	<0.00014	U	0.0019	0.00014
1,2-Dichloroethane	30	10	0.02	60	2.3	3.1	0.02	<0.00028	U	0.0011	0.00028	<0.00024	U	0.00095	0.00024
1,2-Dichloroethene, Total	NS	NS	NS	NS	NS	NS	NS	<0.00015	U	0.0011	0.00015	<0.00013	U	0.00095	0.00013
1,2-Dichloropropane	NS	NS	NS	NS	NS	NS	NS	<0.00013	U	0.0011	0.00013	<0.00012	U	0.00095	0.00012
1,3,5-Trimethylbenzene	190	NS	8.4	380	47	52	8.4	<0.00021	U	0.0022	0.00021	<0.00018	U	0.0019	0.00018
1,3-Dichlorobenzene	280	NS	2.4	560	17	49	2.4	<0.00016	U	0.0022	0.00016	<0.00014	U	0.0019	0.00014
1,3-Dichloropropane	NS	NS	NS	NS	NS	NS	NS	<0.00018	U	0.0022	0.00018	<0.00016	U	0.0019	0.00016
1,3-Dichloropropene, Total	NS	NS	NS	NS	NS	NS	NS	<0.00017	U	0.00054	0.00017	<0.00015	U	0.00048	0.00015
1,4-Dichlorobenzene	130	20	1.8	250	9.8	13	1.8	<0.00018	U	0.0022	0.00018	<0.00016	U	0.0019	0.00016
1,4-Dioxane	130	0.1	0.1	250	9.8	13	0.1	<0.038	U	0.086	0.038	<0.033	U	0.076	0.033
2,2-Dichloropropane	NS	NS	NS	NS	NS	NS	NS	<0.00022	U	0.0022	0.00022	<0.00019	U	0.0019	0.00019
2-Butanone	500	100	0.12	1,000	100	100	0.12	<0.0024	U	0.011	0.0024	<0.0021	U	0.0095	0.0021
2-Hexanone	NS	NS	NS	NS	NS	NS	NS	<0.0013	U	0.011	0.0013	<0.0011	U	0.0095	0.0011
4-Methyl-2-pentanone	NS	NS	NS	NS	NS	NS	NS	<0.0014	U	0.011	0.0014	<0.0012	U	0.0095	0.0012
Acetone	500	2.2	0.05	1,000	100	100	0.05	<0.0052	U	0.011	0.0052	**0.22**		0.0095	0.0046
Acrylonitrile	NS	NS	NS	NS	NS	NS	NS	<0.0012	U	0.0043	0.0012	<0.0011	U	0.0038	0.0011
Benzene	44	70	0.06	89	2.9	4.8	0.06	<0.00018	U	0.00054	0.00018	<0.00016	U	0.00048	0.00016
Bromobenzene	NS	NS	NS	NS	NS	NS	NS	<0.00016	U	0.0022	0.00016	<0.00014	U	0.0019	0.00014
Bromochloromethane	NS	NS	NS	NS	NS	NS	NS	<0.00022	U	0.0022	0.00022	<0.00019	U	0.0019	0.00019
Bromodichloromethane	NS	NS	NS	NS	NS	NS	NS	<0.00012	U	0.00054	0.00012	<0.00010	U	0.00048	0.00010
Bromoform	NS	NS	NS	NS	NS	NS	NS	<0.00026	U	0.0043	0.00026	<0.00023	U	0.0038	0.00023
Bromomethane	NS	NS	NS	NS	NS	NS	NS	<0.00063	U	0.0022	0.00063	<0.00055	U	0.0019	0.00055
Carbon disulfide	NS	NS	NS	NS	NS	NS	NS	<0.0049	U	0.011	0.0049	<0.0043	U	0.0095	0.0043
Carbon tetrachloride	22	NS	0.76	44	1.4	2.4	0.76	<0.00025	U	0.0011	0.00025	<0.00022	U	0.00095	0.00022
Chlorobenzene	500	40	1.1	1,000	100	100	1.1	<0.00014	U	0.00054	0.00014	<0.00012	U	0.00048	0.00012
Chloroethane	NS	NS	NS	NS	NS	NS	NS	<0.00049	U	0.0022	0.00049	<0.00043	U	0.0019	0.00043
Chloroform	350	12	0.37	700	10	49	0.37	<0.00015	U	0.0016	0.00015	<0.00013	U	0.0014	0.00013
Chloromethane	NS	NS	NS	NS	NS	NS	NS	<0.0010	U	0.0043	0.0010	<0.00088	U	0.0038	0.00088
cis-1,2-Dichloroethene	500	NS	0.25	1,000	59	100	0.25	<0.00019	U	0.0011	0.00019	<0.00017	U	0.00095	0.00017
cis-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	NS	<0.00017	U	0.00054	0.00017	<0.00015	U	0.00048	0.00015
Dibromochloromethane	NS	NS	NS	NS	NS	NS	NS	<0.00015	U	0.0011	0.00015	<0.00013	U	0.00095	0.00013
Dibromomethane	NS	NS	NS	NS	NS	NS	NS	<0.00026	U	0.0022	0.00026	<0.00023	U	0.0019	0.00023
Dichlorodifluoromethane	NS	NS	NS	NS	NS	NS	NS	<0.00099	U	0.011	0.00099	<0.00087	U	0.0095	0.00087
Ethyl ether	NS	NS	NS	NS	NS	NS	NS	<0.00037	U	0.0022	0.00037	<0.00032	U	0.0019	0.00032
Ethylbenzene	390	NS	1	780	30	41	1	<0.00015	U	0.0011	0.00015	<0.00013	U	0.00095	0.00013
Hexachlorobutadiene	NS	NS	NS	NS	NS	NS	NS	<0.00018	U	0.0043	0.00018	<0.00016	U	0.0038	0.00016
Isopropylbenzene	NS	NS	NS	NS	NS	NS	NS	<0.00012	U	0.0011	0.00012	<0.00010	U	0.00095	0.00010
Methyl tert butyl ether	500	NS	0.93	1,000	62	100	0.93	<0.00022	U	0.0022	0.00022	<0.00019	U	0.0019	0.00019
Methylene chloride	500	12	0.05	1,000	51	100	0.05	<0.0025	U	0.0054	0.0025	<0.0022	U	0.0048	0.0022
n-Butylbenzene	500	NS	12	1,000	100	100	12	<0.00018	U	0.0011	0.00018	<0.00016	U	0.00095	0.00016
n-Propylbenzene	500	NS	3.9	1,000	100	100	3.9	<0.00018	U	0.0011	0.00018	<0.00016	U	0.00095	0.00016

Table 5
Concrete Sample Results Summary
43-45 Lafayette Avenue, Suffern Village, Rockland County, New York
Site No. C344085

							SAMPLE ID:	C-03				C-04			
							SAMPLING DATE:	7/8/2022				7/8/2022			
							SAMPLE MATRIX:	CONCRETE				CONCRETE			
ANALYTE	**NY-RESC**	**NY-RESER**	**NY-RESGW**	**NY-RESI**	**NY-RESR**	**NY-RESRR**	**NY-UNRES**	**Conc**	**Q**	**RL**	**MDL**	**Conc**	**Q**	**RL**	**MDL**
Naphthalene	500	NS	12	1,000	100	100	12	<0.00070	U	0.0043	0.00070	<0.00062	U	0.0038	0.00062
o-Chlorotoluene	NS	NS	NS	NS	NS	NS	NS	<0.00020	U	0.0022	0.00020	<0.00018	U	0.0019	0.00018
o-Xylene	NS	NS	NS	NS	NS	NS	NS	<0.00031	U	0.0011	0.00031	<0.00028	U	0.00095	0.00028
p-Chlorotoluene	NS	NS	NS	NS	NS	NS	NS	<0.00012	U	0.0022	0.00012	<0.00010	U	0.0019	0.00010
p-Diethylbenzene	NS	NS	NS	NS	NS	NS	NS	<0.00019	U	0.0022	0.00019	<0.00017	U	0.0019	0.00017
p-Ethyltoluene	NS	NS	NS	NS	NS	NS	NS	<0.00041	U	0.0022	0.00041	<0.00036	U	0.0019	0.00036
p-Isopropyltoluene	NS	NS	NS	NS	NS	NS	NS	<0.00012	U	0.0011	0.00012	<0.00010	U	0.00095	0.00010
p/m-Xylene	NS	NS	NS	NS	NS	NS	NS	<0.00060	U	0.0022	0.00060	<0.00053	U	0.0019	0.00053
sec-Butylbenzene	500	NS	11	1,000	100	100	11	<0.00016	U	0.0011	0.00016	<0.00014	U	0.00095	0.00014
Styrene	NS	NS	NS	NS	NS	NS	NS	<0.00021	U	0.0011	0.00021	<0.00019	U	0.00095	0.00019
tert-Butylbenzene	500	NS	5.9	1,000	100	100	5.9	<0.00013	U	0.0022	0.00013	<0.00011	U	0.0019	0.00011
Tetrachloroethene	150	2	1.3	300	5.5	19	1.3	<0.00021	U	0.00054	0.00021	<0.00019	U	0.00048	0.00019
Toluene	500	36	0.7	1,000	100	100	0.7	<0.00058	U	0.0011	0.00058	<0.00052	U	0.00095	0.00052
trans-1,2-Dichloroethene	500	NS	0.19	1,000	100	100	0.19	<0.00015	U	0.0016	0.00015	<0.00013	U	0.0014	0.00013
trans-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	NS	<0.00029	U	0.0011	0.00029	<0.00026	U	0.00095	0.00026
trans-1,4-Dichloro-2-butene	NS	NS	NS	NS	NS	NS	NS	<0.0015	U	0.0054	0.0015	<0.0013	U	0.0048	0.0013
Trichloroethene	200	2	0.47	400	10	21	0.47	<0.00015	U	0.00054	0.00015	<0.00013	U	0.00048	0.00013
Trichlorofluoromethane	NS	NS	NS	NS	NS	NS	NS	<0.00075	U	0.0043	0.00075	<0.00066	U	0.0038	0.00066
Vinyl acetate	NS	NS	NS	NS	NS	NS	NS	<0.0023	U	0.011	0.0023	<0.0020	U	0.0095	0.0020
Vinyl chloride	13	NS	0.02	27	0.21	0.9	0.02	<0.00036	U	0.0011	0.00036	<0.00032	U	0.00095	0.00032
Xylenes, Total	500	0.26	1.6	1,000	100	100	0.26	<0.00031	U	0.0011	0.00031	<0.00028	U	0.00095	0.00028
Total VOCs	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	0.22	-	-	-
VOLATILE ORGANIC COMPOUNDS (VOCs) - TICs															
1-Butanol	NS	NS	NS	NS	NS	NS	NS	-	-	-	-	-	-	-	-
1-Hexanol, 2-ethyl-	NS	NS	NS	NS	NS	NS	NS	0.00676	NJ	0	0	-	-	-	-
7-Octen-2-ol, 2,6-dimethyl-	NS	NS	NS	NS	NS	NS	NS	0.00298	NJ	0	0	-	-	-	-
Butylated Hydroxytoluene	NS	NS	NS	NS	NS	NS	NS	0.0031	NJ	0	0	0.0178	NJ	0	0
Unknown	NS	NS	NS	NS	NS	NS	NS	0.0101	J	0	0	0.0195	J	0	0
Unknown	NS	NS	NS	NS	NS	NS	NS	0.0113	J	0	0	0.00773	J	0	0
Unknown	NS	NS	NS	NS	NS	NS	NS	-		-	-	0.203	J	0	0
Unknown	NS	NS	NS	NS	NS	NS	NS	0.0023	J	0	0	0.0272	J	0	0
Unknown Organic Acid	NS	NS	NS	NS	NS	NS	NS	0.0159	J	0	0	-	-	-	-
Total TIC Compounds	NS	NS	NS	NS	NS	NS	NS	0.0524	J	0	0	0.275	J	0	0

Approved by: AD 1/24/2023
SAS 1/27/2023

Notes:
Units in milligrams per kilogram (mg/kg)
Conc - Concentration
Q - Qualifier
RL - Reporting Limit
MDL - Method Detection Limit
NS - No regulatory standard
<0.00022 - analyte not detected at the indicated laboratory reporting limit
U - Not detected at the indicated laboratory reporting limit
J - Estimated value (MDL<Conc<RL)
NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identifi
is based on a mass spectral library search.
"-" - not analyzed
Bold results indicate an exceedance of a NYSDEC regulatory standard
NOTE: Regulatory standards above are pertaining to soil, as no NYSDEC regulatory standards exist for concrete samples
NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375
Environmental Remediation Programs, effective December 14, 2006.
NY-RESER: New York NYCRR Part 375 Ecological Resources Criteria, New York Restricted use Criteria per 6 NYCRR Part 375
Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375
Environmental Remediation Programs, effective December 14, 2006.
NY-RESI: New York NYCRR Part 375 Industrial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375
Environmental Remediation Programs, effective December 14, 2006.
NY-RESR: New York NYCRR Part 375 Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375
Environmental Remediation Programs, effective December 14, 2006.
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375
Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental
Remediation Programs, effective December 14, 2006.

APPENDIX A

HEALTH & SAFETY PLAN

Date:	**June 10, 2021**
BCP # / Name:	**C344085/AMERICAN TWO CLEANERS**
Address:	**43-45 LAFAYETTE AVENUE**
	SUFFERN, NY

EnviroSure Site Representative/H&S Officer:	DYNA KRUMICH-OGONOWSKI
Site Contact / Phone Number:	DEREK GROTHUSEN/609-707-7284
Project Manager / Phone Number:	DYNA KRUMICH-OGONOWSKI/732-688-3274
EnviroSure H&S Officer / Phone Number:	Scott Smith, P.E. - 610 405-1959

Project Activities: Geophysical Survey of the basement, extrior near front door and exterior near rear door. Subsurface Soil Investigation involving advancing up to 12 soil borings in the basement and exterior of the building. Soil samples will be collected for VOC analysis. Installation of three monitoring wells; proposed locations are in the basement and two exterior wells. Groundwater samples collected via low-flow sampling method.

Chemical Hazards (list all & attach SDS):
Confirmed chlorinated VOCs in sub-slab soil vapor and indoor air.

Physical Hazards (list all):
Direct push drill rig, manual drilling equipment
Slips, trip, falls
Heat/cold exhaustion
Hand tools

COVID-19 Precautions:
EnviroSure and subcontractors will follow all recommended CDC and OSHA protocol regarding mitigating and preventing the spread of COVID-19 in the workplace.
https://www.osha.gov/coronavirus/safework

N	**Confined Space Entry? (Include Confined Space Entry Plan)**
N	**Work conducted in roadway? (Include traffic control plan)**

PPE / H&S Equipment:
Modified level D - nitrile gloves, steel toe boots, hard hat when drill rig is operating, safety goggles
Face coverings when working inside or in close proximately to others as per COVID-19 protocol.

EnviroSureInc
Quality. Integrity. Reliability.

Date: June 10, 2021
BCP # / Name: C344085/AMERICAN TWO CLEANERS
Address: 43-45 LAFAYETTE AVENUE
SUFFERN, NY

EMERGENCY CONTACTS:

Hospital Emergency Room: Good Samaritan Hospital

Address: 255 Lafayette Avenue
Suffern, NY

Phone Number: 845-368-5000

Police: Suffern Police Department / 845-357-2300

Fire: Suffern Fire Department / 845-357-6066

Ambulance: 911

Chemtrec: **800 424-9300**

Hospital Directions: **Map and turn by turn directions at back of HASP.**

Template Authorized by:
Scott Smith, P.E. - EnviroSure Corporate Health & Safety Manager

Authorized by:
Dyna Krumich-Ogonowski - NJ/NY Operations Manager

Site Workers (sign every day on site after H&S meeting):

Name:	Signature:	Date:

APPENDIX B

GEOPHYSICAL SURVEY SUMMARY REPORT

GEOPHYSICAL INVESTIGATION REPORT

PERFORMED AT:

43-45 Lafayette Avenue
Suffern, NY 10901

PREPARED FOR:

Dyna Krumich-Ogonowski
Envirosure Inc.
621 Shrewsbury Avenue, Suite 151
Shrewsbury, NJ 07702

PREPARED BY:

John Wallace
Geophysical Technician
Enviroprobe Service, Inc.
81 Marter Avenue
Mount Laurel, NJ 08054
(856) 858-8584
(800) 596-7472

January 06, 2022

1.0 INTRODUCTION

Enviroprobe Service, Inc. (Enviroprobe) is an environmental investigation services firm which provides monitoring well installation (HSA), Geoprobe (DPT) drilling services and Environmental & Engineering Geophysics (EEG) services to the environmental consulting and engineering community.

Enviroprobe conducted a subsurface geophysical investigation at the subject property within client-specified areas of concern. Due to conditions and objectives, the investigation utilized a GSSI UtilityScan HS cart-mounted Ground Penetrating Radar (GPR) unit with a 350 MHz antenna, a Fisher TW-6 metallic locator, a Radiodetection RD7000TX3 multi-frequency transmitter, and a Radiodetection RD7000PXL receiver.

Ground penetrating radar (commonly called GPR) is a geophysical method that has been developed over the past thirty years for shallow, high-resolution, subsurface investigations of the earth. GPR uses high frequency pulsed electromagnetic waves (generally 10 MHz to 2,000 MHz) to acquire subsurface information. An EM wave is propagated downward into the ground by a transmitting antenna. Where abrupt changes in electrical properties occur in the subsurface, a portion of the energy is reflected back to the surface. This reflected wave is detected by a receiver antenna and transmitted to a control unit for real time processing and display. The penetration depth of the GSSI unit varies from several inches to tens of feet according to site-specific conditions. The penetration depth decreases with increased soil conductivity. The penetration depth is the greatest in ice, dry sands, and fine gravels. Clayey, highly saline or saturated soils, areas covered by concrete, foundry slag, or other highly conductive materials greatly reduce GPR penetration. GPR is a method that is commonly used for environmental, engineering, archaeological, and other shallow investigations.

The Fisher TW-6 metallic locator is designed to find pipes, cables and other metallic objects such as underground storage tanks (USTs). The TW-6 transmitter generates an electromagnetic field that induces electrical currents in the subsurface. These currents produce a secondary electromagnetic field that is measured by the TW-6 receiver. One surveyor can carry both the transmitter and receiver together to search for underground metallic objects, although the TW-6 response can also be affected by the electrical properties of non-metallic materials in the subsurface.

The Radiodetection (RD) transmitter and receiver are commonly used for pipe and cable locating. The multi-frequency transmitter can be directly connected, clamped, or used to induce a signal in a target line while the multi-frequency receiver is used to measure the signal from energized lines.

2.0 SCOPE OF WORK

On January 06, 2022, a geophysical technician from Enviroprobe Service Inc. was mobilized to the subject property to perform a geophysical investigation. The purpose of the investigation was to clear proposed boring locations, detect possible anomalies, and designate underground conduits/utilities in the client selected exterior/interior portions of the subject property. The ground surface of the survey area consisted of concrete and brick.

3.0 SURVEY RESULTS

The survey was conducted using a cart-mounted GPR unit, a Fisher TW-6 metallic locator, and a RD unit. The RD unit was used to trace common utilities from sources in and around the survey area. The RD receiver was also used in the passive mode to search for live underground electrical power cables and other utilities emitting 60Hz electromagnetic signals. When possible, the locations of utilities were confirmed with the GPR. Designated utilities were marked on-site with spray paint using the following colors: red – electric, yellow – natural gas, blue – water, green – sanitary sewer & storm drainage, pink – unknown utilities & fuel piping (See Figure Below).

The GPR and TW-6 were used in a grid pattern over all client specified areas of the site. Based on the results of the GPR and TW-6 surveys, no metallic anomalies were detected on site.

Eight proposed boring locations were investigated with the GPR, TW-6, and RD receiver. When possible, an area of approximately 10 ft by 10 ft surrounding each location was scanned. In some cases, obstructions prevented an investigation of the entire 10 ft by 10 ft area (See Figure Below).



4.0 LIMITATIONS

Due to surface conditions and subsurface content, the GPR signal penetration was estimated at less than 4 ft in the majority of the survey area. This penetration was reduced in areas of concrete cover.

The TW-6 survey was kept up to 6 feet away from above ground objects containing metals depending on the sizes, shapes and positions of the metal objects. The TW-6 survey was not effective in areas with reinforced concrete.

Due to the dielectric properties of the subsurface, clay, plastic polymer, and fiberglass utilities may not have been detected.

All field services were conducted in compliance with the industry standard of care guidelines found in ASCE 38-02 (Level B).

5.0 WARRANTIES

The field observations and measurements reported herein are considered sufficient in detail and scope for this project. Enviroprobe Service, Inc. warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted environmental engineering methods. There is a possibility that conditions may exist which could not be identified within the scope of this project and were not apparent during the site activities performed for this project.

Enviroprobe represents that the services were performed in a manner consistent with that level of care and skill ordinarily exercised by environmental consultants under similar circumstances. No other representations to Client, express or implied, and no warranty or guarantee is included or intended in this agreement, or in any report, document, or otherwise.

Enviroprobe Service, Inc. believes that the information provided in this report is reliable. However, Enviroprobe cannot warrant or guarantee that the information provided by others is complete or accurate. No other warranties or guarantees are implied or expressed.

GPR data is subject to signal anomalies and operator interpretation. The GPR data is intended to provide the locations of areas of concern requiring additional investigation or the approximate location of underground structures and utilities. Great care must be utilized when excavating and/or drilling around underground structures and utilities since GPR data can only be used for estimation purposes and GPR data is subject to misinterpretation. Enviroprobe can not guarantee that utilities, post-tension cables, and/or rebar will not be incurred during drilling, cutting, coring, or excavating activities.

This report was prepared pursuant to the contract Enviroprobe has with the Client. That contractual relationship included an exchange of information about the property that was unique and between Enviroprobe and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between Enviroprobe and its client, reliance or any use of this report by anyone other than the Client, for whom it was prepared, is prohibited and therefore not foreseeable to Enviroprobe.

Reliance or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to Enviroprobe contract with the Client. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

APPENDIX C

SOIL BORING LOGS AND FIELD LOGBOOK ENTRIES

PROJECT NO:	**SO1241**		
SITE ID:	**43-45 Lafayette Avenue**		
LOGGED BY:	**Derek Grothusen**		
DRILLING CO.:	**Enviroprobe**		
OPERATOR:	**Ken Lindes**		
DRILL RIG:	**Geoprobe**	**BOREHOLE NO.:**	**SB-02**
DIAMETER:	**2"**	**DATE:**	**1/6/2022**

DEPTH (fbgs)	PID (ppm)	DESCRIPTION	OBSERVATIONS/SAMPLE INFO.
0	0.0	0.0-0.5' Brick/stone, some rocks	
	0.0	0.5-5.0' Brown-tan SAND, some silt	
1	0.0		
	0.0		
2	0.0		
	0.0		
3	0.0		
	0.0		
4	0.0		
	0.0		
5	0.0		Moist at 4.5-5.0'
	0.0	5.0-7.0' Brown SAND, with some clay; rocks	
6	0.0	in first 1.0'	
	0.0		
7	0.0		
	0.0	7.0-16.5' Tan-yellow sandy CLAY	
8	0.0		
	0.0		**Soil sample collected 8.0-8.5'**
9	0.0		
	0.0		
10	0.0		Dry throughout
	0.0		
11	0.0		
	0.0		
12	0.0		
	0.0		
13	0.0		
	0.0		
14	0.0		
	0.0		14.5-15.0' many rocks and fragments
15	0.0		
	0.0		**Soil sample collected 15.0-15.5**
16	0.0		
	0.0		
17	0.0	16.5-30.0' Tan-brown and white SAND with clay	
	0.0		
18	0.0		
	0.0		
19	0.0		19.0-20.0' many rocks and fragments
	0.0		
20	0.0		
	0.0		
21	0.0		
	0.0		
22	0.0		Dry throughout
	0.0		
23	0.0		
	0.0		
24	0.0		
	0.0		
25	0.0		
	0.0		
26	0.0		
	0.0		
27	0.0		
	0.0		
28	0.0		
	0.0		
29	0.0		
	0.0		
30	0.0		**Soil sample collected 29.5-30.0'**
		EOB	

NOTES

SAA = Same As Above; EOB = End of Boring

PROJECT NO:	**SO1241**		
SITE ID:	**43-45 Lafayette Avenue**		
LOGGED BY:	**Derek Grothusen**		
DRILLING CO.:	**Enviroprobe**		
OPERATOR:	**Ken Lindes**		
DRILL RIG:	**Geoprobe**	**BOREHOLE NO.:**	**SB-03**
DIAMETER:	**2"**	**DATE:**	**1/6/2022**

DEPTH (fbgs)	PID (ppm)	DESCRIPTION	OBSERVATIONS/SAMPLE INFO.
0	0.0	0.0-0.5' Brick/stone, some rocks	
	0.0	0.5-5.0' Brown-tan SAND, some silt	
1	0.0		
	0.0		
2	0.0		
	0.0		
3	0.0		
	0.0		
4	0.0		
	0.0		
5	0.0		
	0.0	5.0-7.0' Brown SAND and clay; some rocks in first 1.0'	
6	0.0		
	0.0		
7	0.0		
	0.0	7.0-16.5' Tan-yellow CLAY with sand	
8	0.0		
	0.0		
9	0.0		
	0.0		Dry Throughout
10	0.0		
	0.0		
11	0.0		
	0.0		
12	0.0		
	0.0		**Soil sample collected 12.0-12.5'**
13	0.0		
	0.0		
14	0.0		
	0.0		
15	0.0		Wet layer at 15.0-17.0' (dry elsewhere)
	0.0		
16	0.0		
	0.0		
17	0.0	16.5-30.0' Tan-brown and white SAND with clay	
	0.0		**Soil sample collected at 17.0-17.5'**
18	0.0		
	0.0		
19	0.0		
	0.0		
20	0.0		Dry throughout
	0.0		
21	0.0		
	0.0		
22	0.0		
	0.0		
23	0.0		
	0.0		
24	0.0		
	0.0		
25	0.0		
	0.0		
26	0.0		
	0.0		
27	0.0		
	0.0		
28	0.0		
	0.0		**Soil sample collected at 28.0-28.5'**
29	0.0		
	0.0		
30	0.0		
		EOB	

NOTES

SAA = Same As Above; EOB = End of Boring

PROJECT NO:	**SO1241**		
SITE ID:	**43-45 Lafayette Avenue**		
LOGGED BY:	**Derek Grothusen**		
DRILLING CO.:	**Enviroprobe**		
OPERATOR:	**Ken Lindes**		
DRILL RIG:	**Geoprobe**	**BOREHOLE NO.:**	**SB-08**
DIAMETER:	**2"**	**DATE:**	**1/6/2022**

DEPTH (fbgs)	PID (ppm)	DESCRIPTION	OBSERVATIONS/SAMPLE INFO.
0	0	0.0-0.5' Brick/stone, some rocks	
	0.0	0.5-5.0' Brown-tan SAND, some silt	
1	0.0		
	0.0		
2	0.0		
	0.0		
3	0.0		
	0.0		
4	0.0		
	0.0		
5	0.0		
	0.0	5.0-7.0' Brown SAND and clay; some rocks in first 1.0'	
6	0.0		
	0.0		
7	0.0		
	0.0	7.0-12.5' Tan-yellow sandy CLAY	**Soil sample collected at 7.0-7.5'**
8	0.0		
	0.0		
9	0.0		
	0.0		
10	0.0		
	0.0		Dry throughout
11	0.0		
	0.0		
12	0.0		
	0.0		
13	0.0	12.5-13.5' Red sandy CLAY	
	0.0		
14	0.0	13.5-16.5' Tan-yellow sandy CLAY	
	0.0		
15	0.0		**Soil sample collected at 14.5-15.0'**
	0.0		
16	0.0		
	0.0		
17	0.0	16.5-30.0' Tan-brown and white SAND with clay	
	0.0		
18	0.0		
	0.0		
19	0.0		
	0.0		
20	0.0		Rocks and fragments throughout
	0.0		
21	0.0		
	0.0		
22	0.0		
	0.0		
23	0.0		
	0.0		Dry throughout
24	0.0		
	0.0		
25	0.0		
	0.0		
26	0.0		
	0.0		
27	0.0		
	0.0		
28	0.0		
	0.0		
29	0.0		
	0.0		
30	0.0		**Soil sample collected at 29.5-30.0'**
		EOB	

NOTES

SAA = Same As Above; EOB = End of Boring

PROJECT NO:	**SO1241**		
SITE ID:	**43-45 Lafayette Avenue**		
LOGGED BY:	**Derek Grothusen**		
DRILLING CO.:	**Enviroprobe**		
OPERATOR:	**Ken Lindes**		
DRILL RIG:	**Geoprobe**	**BOREHOLE NO.:**	**SB-01**
DIAMETER:	**2"**	**DATE:**	**1/13/2022**

DEPTH (fbgs)	PID (ppm)	DESCRIPTION	OBSERVATIONS/SAMPLE INFO.
0			
1			
2			
3			
4			
5			
6			
7			
8			
	0.0	8.0-8.5' Concrete/base	
9	0.0	8.5-11.0' Tan-brown CLAY with little sand; dry	
	0.1		Appears clean and dry 8.0-11.0'
10	0.3		
	0.5		
11	0.5		
	1.0	11.0-14.0' SAA, with more coarse sand and odor	Dark staining and odor at 11.5-12.0'
12	2.0		
	1.8		**Soil sample collected at 12.0-12.5'**
13	1.8		
	0.8		**Soil sample collected at 13.5-14.0**
14	0.8		
	0.2		
15	0.1	14.0-15.0' SAA, saturated 14.0-14.5, dry at bottor	**Soil sample collected at 14.5-15.0'**
		EOB (Refusal at 15.0')	
16			
17			
18			
19			
20			

NOTES

SAA = Same As Above; EOB = End of Boring

PROJECT NO:	**SO1241**		
SITE ID:	**43-45 Lafayette Avenue**		
LOGGED BY:	**Derek Grothusen**		
DRILLING CO.:	**Enviroprobe**		
OPERATOR:	**Ken Lindes**		
DRILL RIG:	**Geoprobe**	**BOREHOLE NO.:**	**SB-04**
DIAMETER:	**2"**	**DATE:**	**1/13/2022**

DEPTH (fbgs)	PID (ppm)	DESCRIPTION	OBSERVATIONS/SAMPLE INFO.
0			
1			
2			
3			
4			
5			
6			
7			
8			
	0.5	8.0-8.5' Concrete/base	
9	0.7	8.5-11.0' Tan-brown CLAY with little sand; tan staining and dry	Slight odor at 8.5-9.5'
	1.7		
10	1.7		**Soil sample collected at 9.5-10.0'**
	0.3		
11	0.3		
	0.5	11.0-14.0' SAA	
12	1.7		
	2.5		**Soil sample collected at 12.0-12.5'**
13	2.5		
	1.3		
14	1.3		Moisture at 13.5-14.0'
	1.3		
15	1.3		
	1.3		
16	0.7	15.5-16.0' Brown coarse SAND	**Soil sample collected at 15.5-16.0'**
		EOB (Refusal at 16.0')	
17			
18			
19			
20			

NOTES

SAA = Same As Above; EOB = End of Boring

PROJECT NO:	**SO1241**		
SITE ID:	**43-45 Lafayette Avenue**		
LOGGED BY:	**Derek Grothusen**		
DRILLING CO.:	**Enviroprobe**		
OPERATOR:	**Ken Lindes**		
DRILL RIG:	**Geoprobe**	**BOREHOLE NO.:**	**SB-05**
DIAMETER:	**2"**	**DATE:**	**1/13/2022**

DEPTH (fbgs)	PID (ppm)	DESCRIPTION	OBSERVATIONS/SAMPLE INFO.
0			
1			
2			
3			
4			
5			
6			
7			
8			
	2.3	8.0-8.5' Concrete/base	
9	2.3	8.5-11.0' Tan-brown CLAY with little sand; tan staining and dry	
	2.3		**Soil sample collected 9.0-9.5' (+ Dup.**
10	2.0		
	1.6		
11	1.6		
	1.7	11.0-14.0' Brown-red CLAY with little sand	
12	1.7		**Soil sample collected at 11.5-12.0'**
	2.0		
13	2.0		
	2.0		
14	1.7		
	1.7	14.0-16.0' SAA with some dark green-brown clay	Damp with slight odor at 14.5-15.5
15	1.7		
	1.7		
16	1.7		**Soil sample collected at 15.5-16.0'**
		EOB (Refusal at 16.0')	
17			
18			
19			
20			

NOTES

SAA = Same As Above; EOB = End of Boring

PROJECT NO:	**SO1241**		
SITE ID:	**43-45 Lafayette Avenue**		
LOGGED BY:	**Derek Grothusen**		
DRILLING CO.:	**Enviroprobe**		
OPERATOR:	**Ken Lindes**		
DRILL RIG:	**Geoprobe**	**BOREHOLE NO.:**	**SB-06**
DIAMETER:	**2"**	**DATE:**	**1/13/2022**

DEPTH (fbgs)	PID (ppm)	DESCRIPTION	OBSERVATIONS/SAMPLE INFO.
0			
1			
2			
3			
4			
5			
6			
7			
8			
	2.5	8.0-8.5' Concrete/base	
9	2.5	8.5-11.0' Tan-brown CLAY with little sand;	
	2.7	possible staining and odor; dry	
10	2.7		**Soil sample collected 9.5-10'**
	2.7		
11	2.8		**Soil sample collected 10.5-11.0'**
	2.1	11.0-13.5' SAA, with some tan sand; moist	
12	2.1		Slight moisture
	2.1		
13	2.0		**Soil sample collected 12.5-13.0'**
	2.0		Odor at 13.0-13.5
14		EOB (Refusal at 13.5')	
15			
16			
17			
18			
19			
20			

NOTES

SAA = Same As Above; EOB = End of Boring

PROJECT NO:	**SO1241**		
SITE ID:	**43-45 Lafayette Avenue**		
LOGGED BY:	**Derek Grothusen**		
DRILLING CO.:	**Enviroprobe**		
OPERATOR:	**Ken Lindes**		
DRILL RIG:	**Geoprobe**	**BOREHOLE NO.:**	**SB-07**
DIAMETER:	**2"**	**DATE:**	**1/13/2022**

DEPTH (fbgs)	PID (ppm)	DESCRIPTION	OBSERVATIONS/SAMPLE INFO.
0			
1			
2			
3			
4			
5			
6			
7			
8	3.1		
	3.1	8.0-8.5' Concrete/base	
9	3.1	8.5-11.0' Brown CLAY with little sand; dry	
	2.6		**Soil sample collected 9.0-9.5'**
10	2.6		
	2.6		
11	2.6		
	2.5		
12	2.2		**Soil sample collected 11.5-12.0**
	2.2		
13	2.2		
	2.2		
14	2.2		**Soil sample collected 13.5-14.0**
		EOB (Refusal at 14.0')	
15			
16			
17			
18			
19			
20			

NOTES

SAA = Same As Above; EOB = End of Boring

PROJECT NO:	**SO1241**		
SITE ID:	**43-45 Lafayette Avenue**		
LOGGED BY:	**Derek Grothusen**		
DRILLING CO.:	**Enviroprobe**		
OPERATOR:	**Ken Lindes**		
DRILL RIG:	**Geoprobe**	**BOREHOLE NO.:**	**SB-06**
DIAMETER:	**2"**	**DATE:**	**1/13/2022**

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DEPTH (fbgs)	PID (ppm)	DESCRIPTION	OBSERVATIONS/SAMPLE INFO.
0			
1			
2			
3			
4			
5			
6			
7			
8			
	2.5	8.0-8.5' Concrete/base	
9	2.5	8.5-11.0' Tan-brown CLAY with little sand;	
	2.7	possible staining and odor; dry	
10	2.7		**Soil sample collected 9.5-10'**
	2.7		
11	2.8		**Soil sample collected 10.5-11.0'**
	2.1	11.0-13.5' SAA, with some tan sand; moist	
12	2.1		Slight moisture
	2.1		
13	2.0		**Soil sample collected 12.5-13.0'**
	2.0		Odor at 13.0-13.5
14		EOB (Refusal at 13.5')	
15			
16			
17			
18			
19			
20			

NOTES

SAA = Same As Above; EOB = End of Boring

PROJECT NO:	**SO1241**		
SITE ID:	**43-45 Lafayette Avenue**		
LOGGED BY:	**Derek Grothusen**		
DRILLING CO.:	**Enviroprobe**		
OPERATOR:	**Ken Lindes**		
DRILL RIG:	**Geoprobe**	**BOREHOLE NO.:**	**SB-07**
DIAMETER:	**2"**	**DATE:**	**1/13/2022**

EnviroSureInc
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DEPTH (fbgs)	PID (ppm)	DESCRIPTION	OBSERVATIONS/SAMPLE INFO.
0			
1			
2			
3			
4			
5			
6			
7			
8	3.1		
	3.1	8.0-8.5' Concrete/base	
9	3.1	8.5-11.0' Brown CLAY with little sand; dry	
	2.6		**Soil sample collected 9.0-9.5'**
10	2.6		
	2.6		
11	2.6		
	2.5		
12	2.2		**Soil sample collected 11.5-12.0**
	2.2		
13	2.2		
	2.2		
14	2.2		**Soil sample collected 13.5-14.0**
		EOB (Refusal at 14.0')	
15			
16			
17			
18			
19			
20			

NOTES

SAA = Same As Above; EOB = End of Boring

CONTINUOUS MONITORING FORM

Page 1 of 1

SITE NAME: American Two Cleaners			**DATE:** 1/6/2022			
SITE ID: #C344085			**WEATHER:** 30S and Partly Cloudy			
SITE ADDRESS: 43-45 Lafayette Avenue			**WORK/TASK DESCRIPTION:** RI Soil Sampling			
MONITORING EQUIPMENT: MiniRAE 3000						
TIME:	**PID READING:**	**LOCATION:**		**TIME:**	**PID READING:**	**LOCATION:**
0925	0.0	Front Sidewalk (Lafayette)				
0945	0.0	↓				
1005	0.0	↓				
Work halted from 1010 to 1100						
1120	0.0	Front Sidewalk (Lafayette)				
1140	0.0	↓				
1200	0.0	↓				
1220	0.0	Corner of Chestnut and Laf.				
1240	0.0	↓				
1300	0.0	↓				
1320	0.0	SE Corner of Prop. (Chestnut)				
1340	0.0	↓				
1400	0.0	↓				
1420	0.0	↓				
work halted for day						

Scanned with CamScanner

Weather - 30s-40s, Sunny
PPE - Level D
Crew - Derek Grothusen (Enviroscure - "DG")
Ken Lindes, Anthony (EnviroProbe - "KL+A")
Task - RI Soil Sampling (basement)
755 - DG, KL+A arrive on site
835 - Equipment/rig setup in basement
840 - SB-01 begins advancement
857 - Refusal at 7' (=15' total) → bottom ~1ft is wet/saturated → PVC-Packed well (TEMP well placed)
915 - SB-01 - 12-12.5 collected
930 - SB-01 - 13.5-14.0 collected
940 - SB-01 - 14.5-15.0 collected
955 - SB-04 Advanced (refusal at 8' = 16' total)
1005 - SB-04 - 9.5-10.0 collected
1015 - SB-04 - 12.0-12.5 collected
1025 - SB-04 - 15.5-16.0 collected
↓ SB-01 TEMP well is dry (no signs of any moisture or GW; hole to be filled, no well to be placed
1045 - SB-05 Boring advanced (Refusal at 8' → 16' total)
1055 - SB-05 - 9.0-9.5 collected
1100 - DUP-011322 collected (9.0-9.5')
1120 - SB-05 - 11.5-12.0 collected
1130 - SB-05 - 15.5-16.0 collected

05

138 Location 43-45 Lafayette Date 1/13/22

Project / Client 50124

1135- SB-06 Boring Advanced (Refusal at 9.5 -> 13.5 total)
1150- SB-06-9.0-9.5 Collected
1200- SB-06-10.5-11.0 Collected
1215- SB-07 Boring Advanced (Refusal at 6.0 -> 14' total)
1220- SB-06-12.5-13.0 Collected
1235- SB-07-9.0-9.5 Collected
1250- SB-07-11.5-12.0 Collected
1300- SB-07-13.5-14.0 Collected
All Samples Collected; Cleanup begins
1405- Crew exits site (Property locked, boring distance measure. taken and recorded, cleaned up)

D.G.

Scanned with CamScanner

CONTINUOUS MONITORING FORM

SITE NAME: American Two Cleaners			**DATE:** 1/13/2023			
SITE ID: #C344085			**WEATHER:** 30s-40s and Sunny			
SITE ADDRESS: 43-45 Lafayette Avenue			**WORK/TASK DESCRIPTION:** RI Soil Sampling (Basement)			
MONITORING EQUIPMENT: MiniRAE 3000						
TIME:	**PID READING:**	**LOCATION:**		**TIME:**	**PID READING:**	**LOCATION:**
0840	0.0	SB-01 Location				
0900	0.0	↓				
0920	0.0	↓				
0940	0.0	↓				
1000	0.2	SB-04 location				
1020	0.2	↓				
1040	0.5	SB-05 location				
work halted from 1045 to 1115						
1115	0.6	SB-06 location				
1135	0.6	↓				
1155	0.3	SB-07 location				
1215	0.3	↓				
1235	0.3	↓				
*work completed for day						

Scanned with CamScanner

Location 1345 Lafayette Avenue Date 2/2/22

Project / Client 50124

weather - 30's with fog, very cloudy
PPE - Level D
Task - GW monitoring well Installation
crew - Derek Grothusen (DG) - EnviroSure
Ken Lindes (KL) } EnviroProbe (+1 Helper)
Andrew Ball (AB) }
800 - DG Arrives on site
830 - AB, KL, and helper arrive on site
900 - MW-1 Installation begins (NW corner of Building)
1020 - Auger stuck on rock/other object (≈ 16-16.5 ft)
Rocky and compacted soil → work Halted
1030 - Augers to be pulled out; reassess next steps and Plan forward...
1050 - Decision made to move GeoProbe to MW-2 location and begin installation
1115 - MW-2 installation begins (SE corner of building)
1145 - Auger stuck on rocks at ≈ 3ft, does not budge; decision made to Halt work for the day and Pack up (Plan to return to site at later date with ODEX
1220 - Crew exits Site

D.G. Derek Grothusen

Weather- 45° and Sunny
PPE- Level D
Task- MW Installation
Crew- Derek Grothusen (DG) Enviroscve
Ken Lindes (KL) + Howard Hammel (HH)
~~7~~95- DG arrives on site; notified that EnviroProbe crew would be arriving late
850- KL and HH arrive on site
930- MW-2 installation begins (SE of building)
1040- Some moist soil at ≈15ft
1215- Bottom of well (~35ft) reached
Well Put in Place (5 bags Sand, 6 Bags hole Plug, DTW = 18.28ft)
~~8~~1420- MW-2 Installation complete; geoprobe moving to MW-~~8~~1 (NW corner)
1620- Bottom of well (~35ft) reached
1800- MW-1 installation complete; Cleanup (5 bags sand; 6 bags HolePlug)
1830- DG, KL, and HH exit site (DTW Probe malfunction so initial DTW was unable to be measured)

Delete Clusters in the Rain

10 Location 43-45 Lafayette Date 7/8/2022

Project / Client 501241

Weather - 70s and Cloudy
PPE - Level D
Task - Concrete sampling (basement slab) → Hammer and chisel
Crew - Derek Grothusen (DG) → Envirosure
825 - DG arrives on site, moves tools/equipment to basement; water in SE corner near sump
→ will sample from SV/IA sample locations
855 - Start at former SS-03 location (near SW corner of building → side room)
910 - C-01 collected → NO PID hits, slight odor
↳ move to C-02 (IA-04 location → center of basement)
1115 - C-02 collected → NO PID hits, slight odor
1200 - C-03 collected → NO PID hits, slight odor
↳ Location of SS-05 → central-East wall
1205 - Move to C-04 (location of SS-04) → near NW corner of basement, near wall (W side)
1245 - C-04 collected → NO PID Hits/odor
1310 - Site cleaned and equipment PUT away
1315 - DG exits site

Derek Grothusen

APPENDIX D

MONITORING WELL CONSTRUCTION LOGS AND FIELD SAMPLING NOTES

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GROUND WATER MONITORING WELL INSTALLATION LOG

WELL ID/PERMIT#	MW-1
PROJECT NUMBER	SO1241
NYSDEC BCP #	C344085
SITE LOCATION	43-45 Lafayette Avenue, Suffern, NY

GEOLOGIST	Derek Grothusen	WELL DIAMETER	2	inches	DATE	March 14, 2022	
DRILLER(s)	Howard Hammel and Ken Lindes	WELL DEPTH	35	ft bgs	GROUT TYPE	Bentonite slurry	
DRILLING CO.	Enviroprobe Service, Inc.	WATER LEVEL (during)	▼ 26.96	ft bgs	TOP OF GROUT	1.5	ft bgs
METHOD	ODEX Air Rotary	WATER LEVEL (post)	▼ 26.96	ft bgs	PLUG TYPE	Hole Plug	
DRILL RIG	7822	RISER TYPE	PVC		TOP OF PLUG	14	ft bgs
OUTER CASING	2"	TOP OF RISER	0.4	ft bgs	SAND TYPE	Filpro Quartz Sand	
WELL FINISH	35'	SCREEN TYPE	PVC		TOP OF SAND	19	ft bgs
BORING DIAMETER	10 inches	SCREEN LENGTH	10	ft	WELL YIELD	~18-20	gallons
BORING DEPTH	35 ft bgs	TOP OF SCREEN	25	ft bgs	PUMP RATE	~2	gal/min

Depth	Water Level	PID (ppm)	Lithologic Description	Blows/ft (n)	Well Installation Diagram	Drilling/Construction Details
0			0-0.5' Concrete/base			
			0.5-5.0' Brown-tan SAND, some silt			
5			5.0-7.0' Brown SAND and clay; some rocks			
			7.0-16.5' Tan-yellow CLAY with sand			
10						
15						5 bags of Hole Plug
			16.5-35.0' Tan-brown and white SAND with clay			
20						6 Bags of Sand
25						
	▼ ▼					
30						
35			END OF BORING			

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GROUND WATER MONITORING WELL INSTALLATION LOG

WELL ID/PERMIT#	MW-2
PROJECT NUMBER	SO1241
NYSDEC BCP #	C344085
SITE LOCATION	43-45 Lafayette Avenue, Suffern, NY

GEOLOGIST	Derek Grothusen	WELL DIAMETER	2	inches	DATE	March 14, 2022	
DRILLER(s)	Howard Hammel and Ken Lindes	WELL DEPTH	35	ft bgs	GROUT TYPE	Bentonite slurry	
DRILLING CO.	Enviroprobe	WATER LEVEL (during)	▼ 18.28	ft bgs	TOP OF GROUT	1.5	ft bgs
METHOD	ODEX Air Rotary	WATER LEVEL (post)	▼ 18.28	ft bgs	PLUG TYPE	Hole Plug	
DRILL RIG	7822	RISER TYPE	PVC		TOP OF PLUG	14	ft bgs
OUTER CASING	2"	TOP OF RISER	0.4	ft bgs	SAND TYPE	Filpro Quartz Sand	
WELL FINISH	35'	SCREEN TYPE	PVC		TOP OF SAND	19	ft bgs
BORING DIAMETER	10 inches	SCREEN LENGTH	10	ft	WELL YIELD	~18-20	gallons
BORING DEPTH	35 ft bgs	TOP OF SCREEN	25	ft bgs	PUMP RATE	~2	gal/min

Depth	Water Level	PID (ppm)	Lithologic Description	Blows/ft (n)	Well Installation Diagram	Drilling/Construction Details
0			0-0.5' Concrete/base 0.5-5.0' Brown-tan SAND, some silt			
5			5.0-7.0' Brown SAND and clay; some rocks			
10			7.0-16.5' Tan-yellow sandy CLAY			
15						5 bags of Hole Plug
20	▼ ▼		16.5-35.0' Tan-brown and white SAND with clay			6 Bags of Sand
25						
30						
35			END OF BORING			

Premier Field Services

LOW-FLOW GROUNDWATER DATA SHEET

Site: 43-46 Lafayette – Suffern Consultant: EnviroSure

Date: 4/14/2022 Technician: Don F.

STATIC GAUGING DATA

Well ID	PID	Depth to Water (ft)	Depth to Product (ft)	Notes:
MW-1	0.0	26.96 ft.	-- ft.	
MW-2	1.2	25.70 ft.	-- ft.	
		ft.	ft.	
		ft.	ft.	
		ft.	ft.	
		ft.	ft.	
		ft.	ft.	
		ft.	ft.	
		ft.	ft.	
		ft.	ft.	
		ft.	ft.	
		ft.	ft.	
		ft.	ft.	
		ft.	ft.	
		ft.	ft.	

SITE NOTES:

PO Box 1701 * Toms River, NJ 08754 * T -732.503.9011 * F – 732.908.8893
NJDEP Laboratory Certification 15034

LOW-FLOW GROUNDWATER DATA SHEET

Site: 43-46 Lafayette – Suffern Horiba Meter No: XK0VY60F

Well ID: MW-1 Weather: Clear 55°

Date: **4/14/2022** Static Depth to Water (ft.): **26.96** PID Reading (ppm): **0.0**

Total Well Depth (ft.): **34.50** Pre-Purge DTW (ft.): **26.96** Post Purge DTW (ft.): **26.96**

Begin Purge Time: **0824** End Purge Time: **0939** Sample Time: **0942**

Pumping Interval (ft): **32** Well Diameter (in): **2** Heat Should (Y/N): **N**

Purge Rate (ml/min): **303** Volume Purged (gal): **6** Sampler Initials: **DF**

PURGE DATA

Time	Depth to Water (ft)	Temperature (c)	pH	Conductivity (ms/cm)	Turbidity (NTU)	DO (mg/l)	Redox (mv)
0829	26.96 ft.	14.78 c	7.16	1.72 ms/cm	781 NTU	9.67 mg/l	150 mv
0834	26.96 ft.	14.71 c	6.98	1.72 ms/cm	631 NTU	9.16 mg/l	162 mv
0939	26.96 ft.	14.68 c	6.87	1.72 ms/cm	546 NTU	8.94 mg/l	171 mv
0844	26.96 ft.	14.67 c	6.82	1.72 ms/cm	438 NTU	8381 mg/l	177 mv
0849	26.96 ft.	14.61 c	6.77	1.71 ms/cm	329 NTU	9.13 mg/l	183 mv
0854	26.96 ft.	14.56 c	6.74	1.72 ms/cm	243 NTU	8.87 mg/l	188 mv
0859	26.96 ft.	14.54 c	6.72	1.74 ms/cm	152 NTU	8.72 mg/l	192 mv
0904	26.96 ft.	14.55 c	6.71	1.76 ms/cm	96.3 NTU	9.15 mg/l	195 mv
0909	26.96 ft.	14.54 c	6.70	1.76 ms/cm	75.4 NTU	9.90 mg/l	197 mv
0914	26.96 ft.	14.54 c	6.69	1.79 ms/cm	67.2 NTU	10.08 mg/l	199 mv
0919	26.96 ft.	14.54 c	6.69	1.78 ms/cm	51.6 NTU	10.17 mg/l	200 mv
0924	26.96 ft.	14.56 c	6.68	1.78 ms/cm	42.5 NTU	10.14 mg/l	201 mv
0929	26.96 ft.	14.57 c	6.68	1.79 ms/cm	33.3 NTU	10.16 mg/l	202 mv
0934	26.96 ft.	14.59 c	6.68	1.79 ms/cm	31.7 NTU	10.15 mg/l	203 mv
0939	26.96 ft.	14.60 c	6.67	1.79 ms/cm	32.1 NTU	10.12 mg/l	203 mv
	ft.	c		ms/cm	NTU	mg/l	mv
	ft.	c		ms/cm	NTU	mg/l	mv

Stabilization has occurred when 3 consecutive readings are within: +/- 0.1 for pH / +/- 3% for Conductivity and Temperature / +/- 10mv for Redox / +/- 10% for Dissolved Oxygen and Turbidity

LOW-FLOW GROUNDWATER DATA SHEET

Site: 43-46 Lafayette – Suffern Horiba Meter No: XK0VY60F

Well ID: MW-2 Weather: Clear 70°

Date: **4/14/2022** Static Depth to Water (ft.): **25.74** PID Reading (ppm): **1.2**

Total Well Depth (ft.): **34.70** Pre-Purge DTW (ft.): **25.74** Post Purge DTW (ft.): **25.78**

Begin Purge Time: **1001** End Purge Time: **1126** Sample Time: **1129**

Pumping Interval (ft): **32** Well Diameter (in): **2** Heat Should (Y/N): **N**

Purge Rate (ml/min): **312** Volume Purged (gal): **7** Sampler Initials: **DF**

PURGE DATA

Time	Depth to Water (ft)	Temperature (c)	pH	Conductivity (ms/cm)	Turbidity (NTU)	DO (mg/l)	Redox (mv)
1006	25.78 ft.	15.76 c	6.60	1.63 ms/cm	>999 NTU	7.70 mg/l	208 mv
1011	25.78 ft.	15.68 c	6.62	1.63 ms/cm	>999 NTU	9.91 mg/l	210 mv
1016	25.78 ft.	15.65 c	6.58	1.63 ms/cm	>999 NTU	9.63 mg/l	213 mv
1021	25.78 ft.	15.57 c	6.55	1.63 ms/cm	>999 NTU	9.59 mg/l	214 mv
1026	25.78 ft.	15.60 c	6.53	1.63 ms/cm	757 NTU	9.49 mg/l	214 mv
1031	25.78 ft.	15.62 c	6.52	1.63 ms/cm	612 NTU	9.43 mg/l	214 mv
1036	25.78 ft.	15.61 c	6.52	1.63 ms/cm	406 NTU	9.35 mg/l	214 mv
1041	25.78 ft.	15.68 c	6.52	1.62 ms/cm	337 NTU	9.29 mg/l	214 mv
1046	25.78 ft.	15.72 c	6.50	1.62 ms/cm	287 NTU	9.23 mg/l	214 mv
1051	25.78 ft.	15.76 c	6.49	1.62 ms/cm	271 NTU	9.19 mg/l	214 mv
1056	25.78 ft.	15.74 c	6.49	1.62 ms/cm	181 NTU	9.15 mg/l	213 mv
1101	25.78 ft.	15.73 c	6.48	1.62 ms/cm	159 NTU	9.19 mg/l	213 mv
1106	25.78 ft.	15.86 c	6.47	1.62 ms/cm	72.4 NTU	9.14 mg/l	213 mv
1111	25.78 ft.	15.84 c	6.46	1.62 ms/cm	33.3 NTU	9.13 mg/l	213 mv
1116	25.78 ft.	15.93 c	6.46	1.62 ms/cm	19.4 NTU	9.06 mg/l	213 mv
1121	25.78 ft.	15.98 c	6.45	1.62 ms/cm	18.7 NTU	9.02 mg/l	213 mv
1126	25.78 ft.	16.05 c	6.44	1.62 ms/cm	20.0 NTU	8.97 mg/l	214 mv

Stabilization has occurred when 3 consecutive readings are within: +/- 0.1 for pH / +/- 3% for Conductivity and Temperature / +/- 10mv for Redox / +/- 10% for Dissolved Oxygen and Turbidity

Premier Field Services
Instrument Calibration Log

Site: 43-46 Lafayette – Suffern Weather: Clear 50°

Date: 4/14/2022 Technician: Don F.

Certification Number: 74809 Instrument Serial Number: XK0VY60F

pH

Time	Temperature	pH 4	pH 7 Check	pH 10
0619	13.97 C	4.00 pH	7.01 pH	10.02 pH
Time	Temperature	3 Hour (7pH)		
0950	16.12 C	7.01 pH		
Time	Temperature	6 Hour (7pH)		
X	X C	X pH		
Time	Temperature	9 Hour (7pH)		
X	X C	X pH		

DO

					Winkler Check	
Time	Temperature	Air Standard	Measurement	Zero Verification	Winkler Standard	Measurement
0619	13.97 C	8.92 Mg/L	8.99 Mg/L	0.00 Mg/L	X Mg/L	X Mg/L

Conductivity

Time	Temperature	Standard	Calibration Check	% Recovery Pass / Fail (4.45 – 4.53) ms/cm
0619	13.97 C	4.49 ms/cm	4.51 ms/cm	Pass

Turbidity

		"X" Two Standards		
Time	Temperature	[x] 0.0NTU [x] 100 NTU [ ] 800 NTU	Calibration Check 100 NTU [X] or 800 NTU [ ]	% Recovery Pass / Fail (90 – 110) or (720 – 880) NTU
0619	13.97 C	0.0 NTU 100 NTU	100 NTU	Pass

ALL CALIBRATION VERIFICATIONS ARE COMPLETED IN MEASUREMENT MODE

pH Calibration +/- 0.05

pH Check +/- 0.10 pH

3 Hr. Verification +/- 0.20

DO Calibration +/- 0.30 mg/L

DO Zero Verification +/- 0.30 mg/L

DO Winkler Check +/- 0.30 mg/L

Conductivity +/- 1%

Turbidity +/- 10%

PO Box 1701 * Toms River, NJ 08754 * T -732.503.9011 * F – 732.908.8893
NJDEP Laboratory Certification 15034

U.S. Environmental
Rentals • Sales • Service
DEVICE & DATA EXPERTISE
5 C South Gold Drive
Hamilton, NJ 08691
(609) 570-8555

Instrument Calibration Report

Report Information

Date: 1/6/2022
Serial Number: XK0VY60F
Handheld SN: URDS6PW9

NJ DEP LAB CERTIFICATION NUMBER: 11037

Manufacturer: HORIBA
Model: U-52

This report has been prepared for:

Company: PREMIER
Contact: DONALD
Phone No.:
Order No: 74809

Technician: DP

Calibration Report

pH Calibration Information

Value	Accuracy	Lot #	Pre-Cal	Post-Cal	Dev %	mV
pH 4 Buffer	± .1	1GI1049	4.20	4.00		
pH 10 Buffer	± .1	0GL1003	9.92	10.00		
pH 7 Buffer	± .1	1GG830	N/A	7.04		-11

Conductivity Calibration Information

Value		Accuracy	Lot #	Pre-Cal		Post-Cal		Dev %	% Rec.	Check
1413	µs/cm	± 1%	1GG973	1470	µs/cm	1413	µs/cm		100.00%	1413

Date of 5-Point Cal.: 1/5/2022 Date of Cell Constant Calc.: 1/5/2022 Cell Constant Value: 1.0000

ORP Calibration Information

Value		Accuracy	Lot #	Pre-Cal		Post-Cal		Dev %
229	mV	± 20mV	1GK507	232	mV	229	mV	0

Dissolved Oxygen Calibration Information

Value		Accuracy	Lot #	Pre-Cal		Post-Cal		Dev %
0	mg/L	± .3mg/L	1GF230	N/A		0	mg/L	
100	%	± 1%	AIR	95.2	%	100	%	
	Winkler Lot Number:		A1204	9.72	mg/L	N/A	Value:	9.84

Date: 1/6/2022
Sodium Thiosulfate Date Opened: 12/27/2021

Turbidity Calibration Information

Date of Full Range Cal: 1/5/2022

Value		Accuracy	Lot #	Pre-Cal		Post-Cal		Dev %	% Rec.	Check
0	NTU	± 5%	21120261	0	NTU	0	NTU			0
100	NTU	± 5%	21490027	104	NTU	100	NTU	0	100.00%	100

Packing List

- ☑ Cable
- ☑ Flow Cell
- ☑ Barb Kit
- ☑ Storage / Cal Cup
- ☑ Sensor Guard
- ☑ Manual
- ☐ Sonde Cap
- ☐ Software
- ☑ Extra Batteries
- ☑ Display Comm. Cable
- ☐ Sonde Comm. Cable
- ☐ AC Adaptor
- ☐ Stand
- ☐ DO Kit
- ☑ Calibration Kit

This document certifies that US Environmental Rental Corporation has provided this rental equipment and all accessories in good working order. It is the renter's responsibility to: a) review all included items upon receipt, b) verify that all items are in acceptable condition and function properly, and c) contact a US Environmental associate immediately if any item is missing, damaged, and/or not functioning properly. Any delay in notifying US Environmental will be considered as the Renter taking responsibility for such missing, damaged, and/or malfunctioning item.

Missing, damaged, and/or malfunctioning equipment and accessories will result in additional fees.

I certify that I have cleaned & calibrated this equipment & accessories on the date noted above & that all information within this document is correct and accurate.

DP

Technician's Signature

U.S. Environmental
Rentals • Sales • Service
DEVICE & DATA EXPERTISE

5 C South Gold Drive
Hamilton, NJ 08691
(609) 570-8555

NJ DEP LAB CERTIFICATION NUMBER: 11037

Quarterly Calibration Report

Report Information	
Date:	1/5/2022
Expiration Date:	4/4/2022 Unit Labeled ☑
Location:	HAMILTON
Manufacturer:	HORIBA
Model:	U-52
Serial Number:	XKOVY60F
Technician:	DP

Thermometer Calibration

Model: K700 SN: 210309966 Date of Calibration: 8/19/2021 Expiration: 8/19/22

NIST Temp.	Accuracy	NIST S/N:	Pre-Cal	Post-Cal	Dev %	CF
13.8 °C	± .3°C	210309966	13.78	13.8	0	0

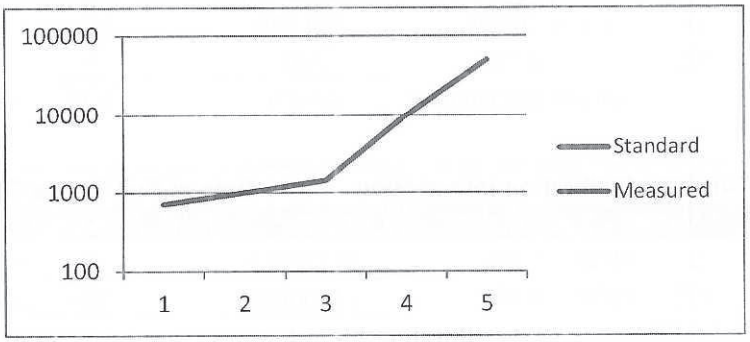
Specific Conductivity 5 Point Calibration & Cell Constant Calculation

Standard Solution (µS/cm)	Lot #	Expiration Date	Temp. (T)	Pre-Cal	Post-Cal	% Dev	C
0	AIR		25.0		0		
718	1GC086	3/30/2022	25.0	687	718	0	1.0000
1000	1GJ703	10/30/2022	25.0	899	1000	0	1.0000
1413	1GG973	7/30/2022	25.0	1470	1413	0	1.0000
10000	1GD1174	4/30/2022	25.0	9840	10000	0	1.0000
50000	1GC1195	3/30/2022	25.0	45400	50000	0	1.0000

New C = 1.0000

C = cell constant
New C = averaged cell constant
Km = specific conductivity as measured (µS/cm)
T = temperature measured in degrees Celsius
Std. Sol. = standard calibration solution (µS/cm)

Cell constant calculated for each standard with the following equation: C = Std. Sol x (1/Km) x (1 + (0.0191 x (T-25))).



Full Range Turbidity Calibration

Standard Solution NTU	Lot #	Expiration Date	Pre-Cal	Post-Cal	% Dev
0	21120261	5/4/2022	0.0	0	
10	21010238	6/25/2022	11.5	10	0
100	21330180	12/10/2022	104.0	100	0
800	21240171	6/25/2022	1000	800	0

I certify that all of the information on this report is correct and accurate. All calibrations were performed on the date and at the time noted above.

DP
Technician's Signature

AquaPhoenix SCIENTIFIC

Certificate Of Analysis

Product	Conductivity Standard, 10,000 µS/cm
Code	CS9910
Lot Number	1GD1174
Specifications	10,000 +/- 100us/cm @25C
Lot Analysis	9.98mS/cm @25C
Expiration	Apr/22
NIST STD used	SRM 999b
Date of Manufacture	4/29/21

We certify that the above referenced lot of reagent was manufactured per ASTM Standards or Standards Methods, 23rd edition. All glassware complies with Class A tolerance requirements. Balances are calibrated using NIST traceable mass standards. Chemicals used in the product are lot traceable. A quality control testing report is kept for each manufactured lot

Matt Nelson
Research Chemist

4/29/21

860 Gitts Run Road - Hanover - PA - 717 632 1291
Fax: 717 633 1285 Email: sales@aquaphoenixsci.com

Certificate of Analysis

GFS CHEMICALS®
ISO 9001 Manufacturer and Distributor of Inorganic and Organic Specialty Chemicals

Product Name: AMCO CLEAR TURBIDITY STANDARD, 800 NTU for HORIBA U-52

Item #: 8523

Lot #: 21240171

Certified Values:

Specifications (Max Limits or as Specified)	Status	Results
Turbidity (on Horiba U-52 sensor) 800 NTU	Report	800 NTU
Absorbance at 455nm (10mm pathlength)	Report	3.6765
Lot Number of Baseline Material	Report	21200178

Comments

CoA #: COA-073386

Certificate Created By: Sasikala Sellathurai

Expiration Date: June 25, 2022

Print Date: June 25, 2021

Signature on File

Not for direct use in food, cosmetics, finished pharmaceuticals or drug products. Supplier is not responsible for compliance with FDA Current Good Manufacturing Practice(cGMP) requirements, including without limitation those for finished drug products in 21 C.F.R Parts 210 and 211.Consult warranty limitations at www.gfschemicals.com/statics/documents/aboutus/termsandconditions.html
For resale by GFS authorized distributors only.

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1-800-858-9682 (U.S. and Canada) 1-740-881-5501 (International) 1-740-881-5989 (Fax)

Certificate of Analysis

Product Name: AMCO CLEAR TURBIDITY STANDARD, 10 NTU for HORIBA U-52

Item #: 8521

Lot #: 21010238

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Certified Values:

Specifications (Max Limits or as Specified)	Status	Results
Turbidity (on Horiba U-52) 10 NTU	Report	10 NTU
Absorbance at 455nm (100mm pathength)	Report	0.6441
Lot Number of Baseline Material	Report	20480085

Comments

CoA #: COA-056282

Certificate Created By: Stephen Bailey

Expiration Date: June 25, 2022

Print Date: June 25, 2021

Signature on File

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Certificate of Analysis

GFS CHEMICALS®
ISO 9001 Manufacturer and Distributor of Inorganic and Organic Specialty Chemicals

Product Name: AMCO CLEAR TURBIDITY STANDARD, 0.0 NTU

Item #: 8000

Lot #: 21120261

Certified Values:

Specifications (Max Limits or as Specified)	Status	Results
Turbidity (instrument specific) </= 0.04 NTU	Pass	0.04 NTU
Turbidity (HF Scientific instruments) 0.02 NTU	Report	0.02 NTU
Absorbance at 455 nm against pure methanol	Report	<0.001
Lot Number of Baseline Material	Report	20100035

Comments

CoA #: COA-069892

Certificate Created By: Stephen Bailey

Expiration Date: May 4, 2022

Print Date: May 4, 2021

Signature on File

Not for direct use in food, cosmetics, finished pharmaceuticals or drug products. Supplier is not responsible for compliance with FDA Current Good Manufacturing Practice(cGMP) requirements, including without limitation those for finished drug products in 21 C.F.R Parts 210 and 211.Consult warranty limitations at www.gfschemicals.com/statics/documents/aboutus/termsandconditions.html
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AquaPhoenix SCIENTIFIC

Certificate Of Analysis

Product	Zero Oxygen Standard
Code	ZE4175
Lot Number	1GF230
Specifications	Verify Ingredients
Lot Analysis	Passed
Expiration	Jun/22
NIST STD used	SRM 915a
Date of Manufacture	6/8/21

We certify that the above referenced lot of reagent was manufactured per ASTM Standards or Standards Methods, 23rd edition. All glassware complies with Class A tolerance requirements. Balances are calibrated using NIST traceable mass standards. Chemicals used in the product are lot traceable. A quality control testing report is kept for each manufactured lot

Matt Nelson
Research Chemist

6/8/21

860 Gitts Run Road - Hanover - PA - 717 632 1291
Fax: 717 633 1285 Email: sales@aquaphoenixsci.com

AquaPhoenix SCIENTIFIC

Certificate Of Analysis

Product	Conductivity Standard Solution
Code	CS9950
Lot Number	1GC1195
Specifications	50,000 +/- 500us/cm @25C
Lot Analysis	49.8 ms/cm @25C
Expiration	Mar/22
NIST STD used	SRM 999b
Date of Manufacture	3/29/21

We certify that the above referenced lot of reagent was manufactured per ASTM Standards or Standards Methods, 23rd edition. All glassware complies with Class A tolerance requirements. Balances are calibrated using NIST traceable mass standards. Chemicals used in the product are lot traceable. A quality control testing report is kept for each manufactured lot.

Matthew Nelson

Matt Nelson
Research Chemist

3/29/21

860 Gitts Run Road - Hanover - PA - 717 632 1291
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AquaPhoenix SCIENTIFIC

Certificate Of Analysis

Product	Conductivity Standard, 1000 µS/cm
Code	CS1000
Lot Number	1GJ703
Specifications	1000 +/- 10us/cm @25C
Lot Analysis	999uS/cm @25C
Expiration	Oct/22
NIST STD used	SRM 999b
Date of Manufacture	10/18/21

We certify that the above referenced lot of reagent was manufactured per ASTM Standards or Standards Methods, 23rd edition. All glassware complies with Class A tolerance requirements. Balances are calibrated using NIST traceable mass standards. Chemicals used in the product are lot traceable. A quality control testing report is kept for each manufactured lot

Matthew Nelson

Matt Nelson
Research Chemist

10/18/21

860 Gitts Run Road - Hanover - PA - 717 632 1291
Fax: 717 633 1285 Email: sales@aquaphoenixsci.com

AquaPhoenix SCIENTIFIC

Certificate Of Analysis

Product	ORP Standard, 229mV
Code	OR4229
Lot Number	1GK507
Specifications	229mV +/- 5%
Lot Analysis	231mV
Expiration	Aug/22
NIST STD used	NA
Date of Manufacture	11/17/21

We certify that the above referenced lot of reagent was manufactured per ASTM Standards or Standards Methods, 23rd edition. All glassware complies with Class A tolerance requirements. Balances are calibrated using NIST traceable mass standards. Chemicals used in the product are lot traceable. A quality control testing report is kept for each manufactured lot.

Matthew Nelson

Matt Nelson
Research Chemist

11/17/21

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Certificate of Analysis

GFS CHEMICALS®
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Product Name: AMCO CLEAR TURBIDITY STANDARD, 100 NTU for HORIBA U-52

Item #: 8522

Lot #: 21490027

Certified Values:

Specifications (Max Limits or as Specified)	Status	Results
Turbidity (on Horiba U-52) 100 NTU	Report	100 NTU
Absorbance at 455nm (10mm pathlength)	Report	0.7792
Lot Number of Baseline Material	Report	21440140

Comments

CoA #: COA-080096

Certificate Created By: Sasikala Sellathurai

Expiration Date: December 13, 2022

Print Date: December 13, 2021

Signature on File

Not for direct use in food, cosmetics, finished pharmaceuticals or drug products. Supplier is not responsible for compliance with FDA Current Good Manufacturing Practice(cGMP) requirements, including without limitation those for finished drug products in 21 C.F.R Parts 210 and 211.Consult warranty limitations at www.gfschemicals.com/statics/documents/aboutus/termsandconditions.html
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CALIBRATION CERTIFICATE

Address
40 Gleam Street
West Babylon , NY 11704
Website
www.kesslerusa.com

KESSLER

KESSLER THERMOMETER CORPORATION

Telephone
631-841-5500
Facsimile
631-841-5553
Email:
info@kesslerusa.com

CALIBRATION REPORT FOR THERMOMETER

THIS REPORT OF CALIBRATION SHALL DOCUMENT THAT THE INSTRUMENT DESCRIBED HEREIN WAS EXAMINED AND TESTED IN KESSLER'S CALIBRATION LABORATORY AGAINST NIST TRACEABLE REFERENCE STANDARDS, IN ACCORDANCE TO KESSLER'S PROCEDURE T-2008, WHICH IS BASED ON ASTM E-77-14e1 (2017) AND NIST PUBLICATION 250-23. THIS CALIBRATION MEETS THE REQUIREMENTS OF ISO/IEC 17025, ANSI/NCLS Z2540-1-1994 AND THE ISO 9000 AND QS 9000 SERIES OF QUALITY STANDARDS.

CUSTOMER INFORMATION: US ENVIRONMENTAL RENTAL
Purchase Order Number: 11157
Date Calibrated: August 19, 2021 Next Recommended Due Date: September 19, 2022

INSTRUMENT DESCRIPTION:
Unit Serial Number: 210309966 Marked: KESSLER Catalog No: K700-C
Probe Serial Number: 210310126

THERMOMETER SCALE RANGE:
-100/300°C X 0.1°C & -148°F/572°F X 0.1°F

RESULTS OF PHYSICAL EXAMINATION:
This instrument was examined and it was determined that this instrument was suitable for calibration.

RESULTS OF CALIBRATION

TEST TEMP °C	READING °C	CORRECTION °C	UNCERTAINTY °C
- 55.0	-54.9	-0.1	+/-.03
0.0	-0.2	+0.2	+/-.03
100.0	100.1	-0.1	+/-.03
200.0	200.1	-0.1	+/-.03
300.0	300.2	-0.2	+/-.03

A coverage factor of 2 sigma (K=2) has been applied to the standard uncertainty in order to express the expanded uncertainty at approximately a 95% confidence level.

The above readings were made under magnification and resolved to one tenth of one scale division.

- The indications of this instrument cannot be adjusted or modified by ordinary means: accordingly, the readings given in the table above should be considered, in effect to be both "As Found" and "As Left" readings
- Laboratory Environment Conditions: Temperature: 25°C ± 5°C / Relative Humidity: Between 40% and 60%
- All temperatures given in this report are based on the International Scale of 1990 (ITS-90)

TRACEABILITY INFORMATION:
NIST Primary Standard: Rosemount Model 162CE Serial No. 5569
Transfer Standard: Hart Scientific Model No: 850C Serial No. A23752 / Sensor Model No: 561-12 Serial No: 954574
Report Number: A243314

Calibration Performed By: Barbara Plaza

Approved By: Shameza Latchman

Calibration Report Prepared By: RP

Report No.: 081921-07

AquaPhoenix SCIENTIFIC

Certificate Of Analysis

Product	Conductivity Standard, 1413 µS/cm
Code	CS1413
Lot Number	1GG973
Specifications	1413 +/- 14us/cm @25C
Lot Analysis	1410us/cm @25C
Expiration	Jul/22
NIST STD used	SRM 999b
Date of Manufacture	07/27/2021

We certify that the above referenced lot of reagent was manufactured per ASTM Standards or Standards Methods, 23rd edition. All glassware complies with Class A tolerance requirements. Balances are calibrated using NIST traceable mass standards. Chemicals used in the product are lot traceable. A quality control testing report is kept for each manufactured lot.

Matt Nelson
Research Chemist

7/27/21

860 Gitts Run Road - Hanover - PA - 717 632 1291
Fax: 717 633 1285 Email: sales@aquaphoenixsci.com

AquaPhoenix SCIENTIFIC

Certificate Of Analysis

Product	Buffer Solution, pH 4.00
Code	BU5004
Lot Number	1GI1049
Specifications	4.00 +/- 0.01 @ 25C
Lot Analysis	4.00 @25C
Expiration	Sep/23
NIST STD used	SRM 185i
Date of Manufacture	9/30/21

We certify that the above referenced lot of reagent was manufactured per ASTM Standards or Standards Methods, 23rd edition. All glassware complies with Class A tolerance requirements. Balances are calibrated using NIST traceable mass standards. Chemicals used in the product are lot traceable. A quality control testing report is kept for each manufactured lot.

Matt Nelson
Research Chemist

9/30/21

860 Gitts Run Road - Hanover - PA - 717 632 1291
Fax: 717 633 1285 Email: sales@aquaphoenixsci.com

AquaPhoenix
SCIENTIFIC

Certificate Of Analysis

Product	Buffer Solution, pH 10.00
Code	BU5010
Lot Number	0GL1003
Specifications	10.00 +/- 0.01 @ 25C
Lot Analysis	pH 10.01 @25C
Expiration	Dec/22
NIST STD used	SRM 191d
Date of Manufacture	12/30/2020

We certify that the above referenced lot of reagent was manufactured per ASTM Standards or Standards Methods, 23rd edition. All glassware complies with Class A tolerance requirements. Balances are calibrated using NIST traceable mass standards. Chemicals used in the product are lot traceable. A quality control testing report is kept for each manufactured lot.

Matt Nelson
Research Chemist

12/30/20

860 Gitts Run Road - Hanover - PA - 717 632 1291
Fax: 717 633 1285 Email: sales@aquaphoenixsci.com

AquaPhoenix SCIENTIFIC

9 Barnhart Drive, Hanover, PA 17331
1-866-632-1291 • fax 717-633-1285
info@aquaphoenixsci.com
www.aquaphoenixsci.com

Temperature Dependence for AquaPhoenix pH Buffers

	10°C	15°C	20°C	25°C	30°C	35°C	40°C	45°C	50°C
Part Number									
BU5001	0.99	1.00	1.00	1.00	1.01	1.02	1.02	1.03	1.04
BU5168	1.67	1.68	1.69	1.68	1.67	1.68	1.68	1.69	1.70
BU5002	2.00	2.01	1.98	2.00	2.00	2.01	2.02	2.03	2.02
BU5003	2.92	2.98	3.00	3.00	3.01	3.01	3.02	3.04	3.05
BU5004	4.00	4.00	4.00	4.00	4.01	4.02	4.03	4.04	4.06
BU9504	4.00	4.00	4.00	4.00	4.01	4.02	4.03	4.04	4.06
BU5005	4.98	4.99	5.00	5.00	5.02	5.03	5.04	5.06	5.08
BU5006	6.03	6.02	6.01	6.00	5.99	5.98	5.98	5.97	5.97
BU5686	6.92	6.89	6.87	6.86	6.84	6.84	6.83	6.83	6.83
BU5007	7.06	7.04	7.02	7.00	6.99	6.98	6.98	6.97	6.97
BU9507	7.06	7.04	7.02	7.00	6.99	6.98	6.98	6.97	6.97
BU5008	8.13	8.08	8.05	8.00	7.98	7.95	7.92	7.90	7.87
BU5009	9.10	9.08	9.04	9.00	8.95	8.91	8.88	8.87	8.84
BU5918	9.34	9.27	9.22	9.18	9.14	9.10	9.07	9.07	9.01
BU5010	10.17	10.11	10.05	10.00	9.95	9.91	9.87	9.84	9.81
BU9510	10.17	10.11	10.05	10.00	9.95	9.91	9.87	9.84	9.81
BU5011	11.43	11.27	11.14	11.00	10.71	10.60	10.50	10.41	10.34
BU5012	12.32	12.20	12.10	12.00	11.89	11.80	11.69	11.60	11.42
BU5013	13.52	13.33	13.17	13.00	12.83	12.64	12.52	12.38	12.24

Certificate of Analysis

GFS CHEMICALS®
ISO 9001 Manufacturer and Distributor of Inorganic and Organic Specialty Chemicals

Product Name: AMCO CLEAR TURBIDITY STANDARD, 0.0 NTU

Item #: 8000

Lot #: 21200178

Certified Values:

Specifications (Max Limits or as Specified)	Status	Results
Turbidity (instrument specific) </= 0.04 NTU	Pass	0.04 NTU
Turbidity (HF Scientific instruments) 0.02 NTU	Report	0.02 NTU
Absorbance at 455 nm against pure methanol	Report	<0.001
Lot Number of Baseline Material	Report	20100035

Comments

CoA #: COA-072513

Certificate Created By: Sasikala Sellathurai

Expiration Date: June 25, 2022

Print Date: June 25, 2021

Signature on File

Not for direct use in food, cosmetics, finished pharmaceuticals or drug products. Supplier is not responsible for compliance with FDA Current Good Manufacturing Practice(cGMP) requirements, including without limitation those for finished drug products in 21 C.F.R Parts 210 and 211.Consult warranty limitations at www.gfschemicals.com/statics/documents/about-us/termsandconditions.html.
For resale by GFS authorized distributors only.

GFS Chemicals, Inc. P.O. Box 245 Powell, OH 43065 * Signed Orig. Doc. On File
1 800 858 8692 (U.S. and Canada) 1-740 881-5501 (International) 1-740-881-5989 (Fax)

AquaPhoenix SCIENTIFIC

Certificate Of Analysis

Product	Cond Std Soln, 718µS/cm
Code	CS0718
Lot Number	1GC086
Specifications	718 +/- 7us/cm @25C
Lot Analysis	717uS/cm @25C
Expiration	Mar/22
NIST STD used	SRM 999b
Date of Manufacture	03/02/2021

We certify that the above referenced lot of reagent was manufactured per ASTM Standards or Standards Methods, 23rd edition. All glassware complies with Class A tolerance requirements. Balances are calibrated using NIST traceable mass standards. Chemicals used in the product are lot traceable. A quality control testing report is kept for each manufactured lot.

Matthew Nelson

Matt Nelson
Research Chemist

3/2/21

860 Gitts Run Road - Hanover - PA - 717 632 1291
Fax: 717 633 1285 Email: sales@aquaphoenixsci.com

AquaPhoenix SCIENTIFIC

Certificate Of Analysis

Product	Buffer Solution, pH 7.00
Code	BU5007
Lot Number	1GG830
Specifications	7.00 +/- 0.01 @ 25C
Lot Analysis	7.01 @25C
Expiration	Jul/23
NIST STD used	SRM 186g
Date of Manufacture	7/22/21

We certify that the above referenced lot of reagent was manufactured per ASTM Standards or Standards Methods, 23rd edition. All glassware complies with Class A tolerance requirements. Balances are calibrated using NIST traceable mass standards. Chemicals used in the product are lot traceable. A quality control testing report is kept for each manufactured lot

Matt Nelson
Research Chemist

7/22/21

860 Gitts Run Road - Hanover - PA - 717 632 1291
Fax: 717 633 1285 Email: sales@aquaphoenixsci.com

Certificate of Analysis List

For request number 1165084

Catalog Number Entered	Lot Number Entered	Related Catalog Number	Related Lot Code	Description
2267501	1204	N/A	N/A	Sodium Thiosulfate 0.2000 ± 0.0010 N

Total Enclosures: 1

HACH COMPANY

P.O.Box 389
Loveland, CO 80539
(970) 669-3050

An ISO 9001 Certified Company

Certificate of Analysis

COMMODITY: **Sodium Thiosulfate 0.2000 ñ 0.0010 N**
COMMODITY NUMBER: **2267501**
LOT NUMBER: **A1204**

MANUFACTURE DATE: **7/27/2021**

DATE OF ANALYSIS: **7/27/2021**

TEST	*SPECIFICATIONS*	*RESULTS*
Sodium Thiosulfate Concentration	0.199 to 0.201 N	0.2002 N

The expiration date is Oct 2023

Certified by Scott Als

Scott Als
Analytical Services Chemist

APPENDIX E

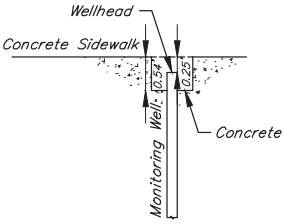
MONITORING WELL SURVEY

GEOGRAPHIC INDEX 41–06–56.5 –74–09–09.7

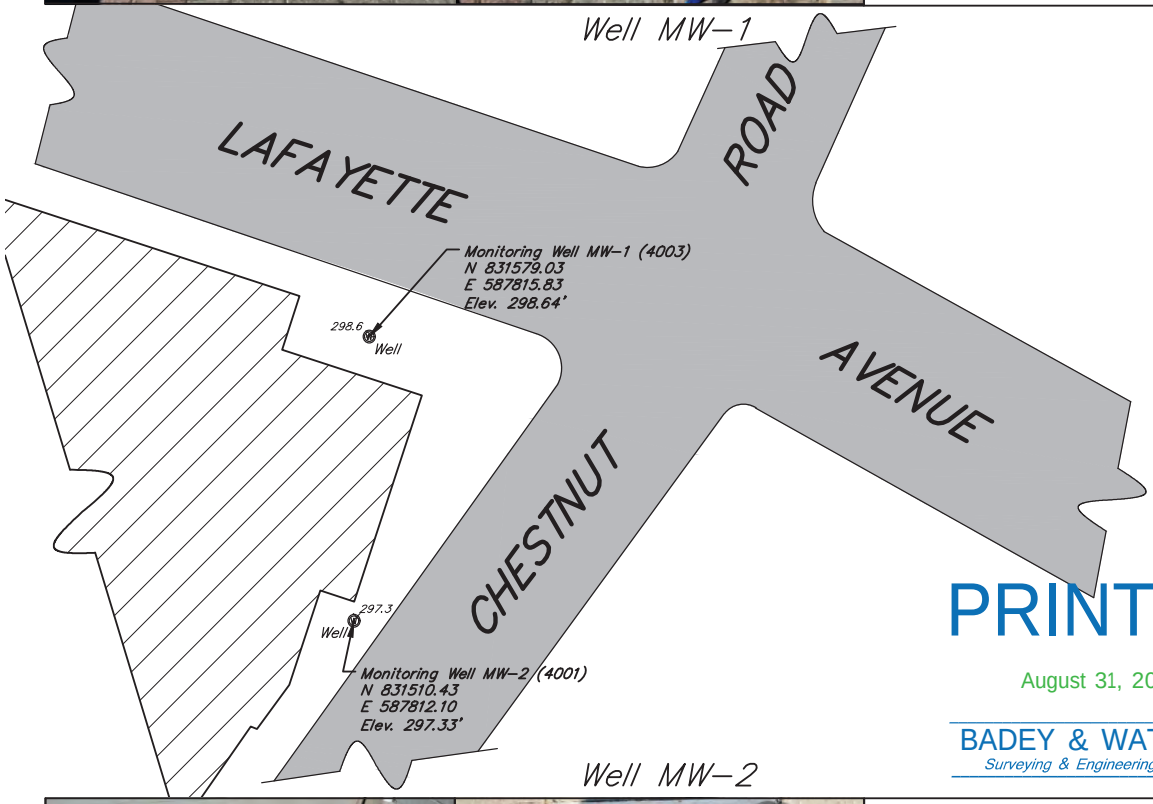
T.M. : 54.35–2–25 On 08–31–22 Drawn by MEY Spell checked by MEY Checked by GJW W.O. No. 26508 Layout: SURVEY Drawing Name: LS26508__R01_V22.DWG



Monitoring Well MW–1 Section View
N.T.S.



Well MW–1



True North at 74°30' West Longitude

PRINTED

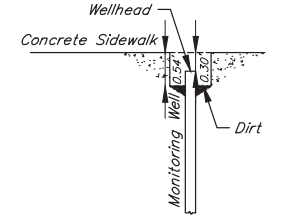
August 31, 2022

BADEY & WATSON
Surveying & Engineering, D.P.C.

Well MW–2



Monitoring Well MW–2 Section View
N.T.S.



Notes
1. COPYRIGHT "2022" by BADEY & WATSON, Surveying & Engineering, D.P.C. All Rights Reserved. Unauthorized duplication is a violation of applicable laws.
2. Unauthorized alteration or addition to a document prepared by a licensed land surveyor is a violation of Section 7209, Subdivision 2 of the New York State Education Law.
3. This survey was conducted for the specific and limited purpose of determining the coordinates N, E, elevation (Y, X, Z) of monitoring wells MW–1 & MW–2 shown hereon.
4. The meridian and coordinate values hereon refer to the New York State Coordinate System, East Zone (NAD 83).
5. The vertical datum hereon in North American Vertical Datum of 1988 (NAVD 88).

MONITORING WELL SURVEY

PREPARED FOR

ENVIROSURE, INC.

SITUATE IN THE

VILLAGE OF SUFFERN
TOWN OF RAMAPO
ROCKLAND COUNTY
NEW YORK

SCALE 1 in. = 30 ft. AUGUST 24, 2022

We hereby certify that the survey shown hereon was completed by us on August 24, 2022 ,that this map was completed on August 31, 2022.

BADEY & WATSON
Surveying & Engineering, D.P.C.
3063 Route 9
Cold Spring, NY 10516
www.Badey-Watson.com
845.265.9217
877.3.141593 (Toll Free)

STATE OF NEW YORK
JENNIFER W REAP
50389
LICENSED LAND SURVEYOR

BADEY & WATSON
Surveying & Engineering, D.P.C.
by Jennifer W Reap
NEW YORK STATE LICENSED LAND SURVEYOR
LICENSE No. 50389

FILE No. 22–144

APPENDIX F

INDOOR AIR QUALITY QUESTIONNAIRE

OSR – 3

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Dana Ogunowski Date/Time Prepared 4/14/22

Preparer's Affiliation EnviroSure Phone No. 732-741-1110

Purpose of Investigation Remedial Investigation

1. OCCUPANT:

Interviewed: (Y) / N

Last Name: Gray First Name: Cynthia

Address: 43-45 Lafayette Ave

County: Rockland

~~Home~~ Phone: _____ Cell Office Phone: 917-375-6374

Number of Occupants/persons at this location 1 Age of Occupants adult

2. OWNER OR LANDLORD: (Check if same as occupant X)

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) 2 units: 1 vacant (45) & 1 health/fitness (43)

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 2 plus basement Building age 1964

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

DRAGER KIT WAS USED

Airflow between floors

NO NOTICABLE AIR FLOW WAS OBSERVED FROM BASEMENT TO FIRST FLOOR

Airflow near source

NO NOTICABLE AIR FLOW WAS OBSERVED

Outdoor air infiltration

SLIGHT POSITIVE AIR FLOW WAS OBSERVED AROUND DOORWAYS ENTERING THE BUILDING. INDOOR AIR CANISTERS WERE PLACED IN AREAS TO AVOID DISTURBANCE FROM DOORWAYS

Infiltration into air ducts N/A

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	(full)	crawlspace	slab	other _____
c. Basement floor:	(concrete)	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	(sealed)	sealed with _____	
f. Foundation walls:	poured	(block)	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	(dry)	moldy
i. The basement is:	finished	(unfinished)	partially finished	
j. Sump present?	(Y) / N			
k. Water in sump?	(Y) / N / not applicable			

Basement/Lowest level depth below grade: 49 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Sump which has been covered with a fitted lid.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

(Hot air circulation)	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

(Natural Gas)	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: _____

Boiler/furnace located in:	(Basement)	Outdoors	Main Floor	Other _____
Air conditioning:	(Central Air)	Window units	Open Windows	None

Are there air distribution ducts present? Y / (N)

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

_____

_____

_____

_____

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom (Almost Never)

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	vacant
1st Floor	2 units ; unit 45 vacant ; unit 43 occupied by health/fitness.
2nd Floor	
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / (N)

b. Does the garage have a separate heating unit? Y / N / (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / (NA) Please specify_____

d. Has the building ever had a fire? Y / (N) When?_____

e. Is a kerosene or unvented gas space heater present? Y / (N) Where?_____

f. Is there a workshop or hobby/craft area? Y / (N) Where & Type?_____

g. Is there smoking in the building? Y / (N) How frequently?_____

h. Have cleaning products been used recently? Y / (N) When & Type?_____

i. Have cosmetic products been used recently? Y / (N) When & Type?_____

j. Has painting/staining been done in the last 6 months? Y / (N) Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / (N) Where & When? _____

l. Have air fresheners been used recently? Y / (N) When & Type? _____

m. Is there a kitchen exhaust fan? Y / (N) If yes, where vented? _____

n. Is there a bathroom exhaust fan? Y / (N) If yes, where vented? _____

o. Is there a clothes dryer? Y / (N) If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / (N) When & Type? _____

Are there odors in the building? Y / (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / (N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)
Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service
(No)
Unknown

Is there a radon mitigation system for the building/structure? Y / (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply:	(Public Water)	Drilled Well	Driven Well	Dug Well	Other: _____
Sewage Disposal:	(Public Sewer)	Septic Tank	Leach Field	Dry Well	Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

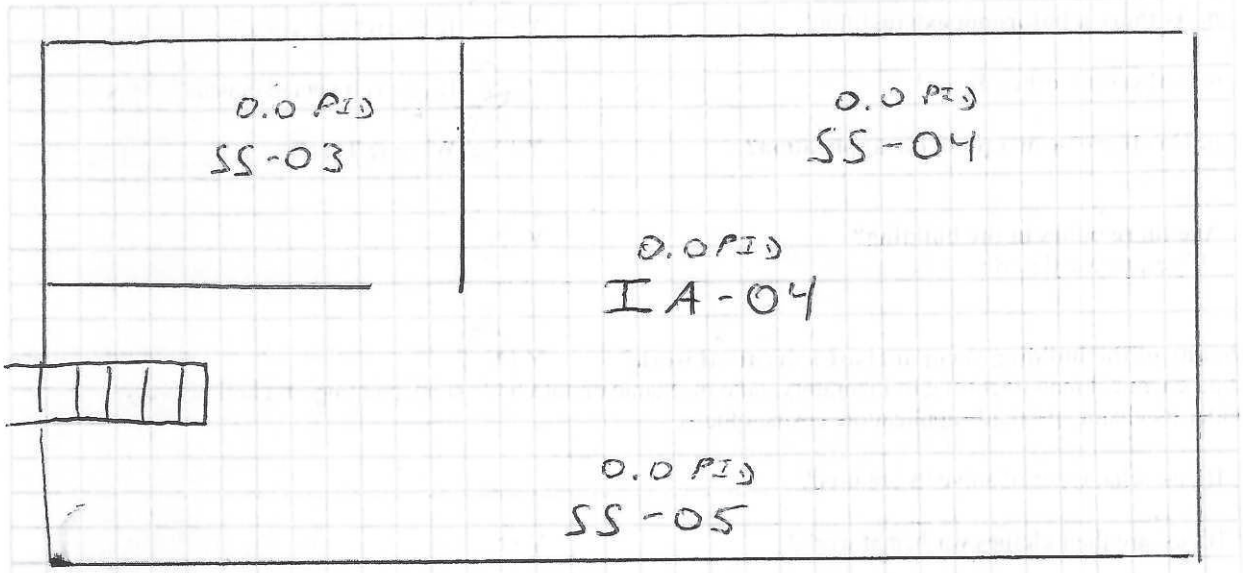
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

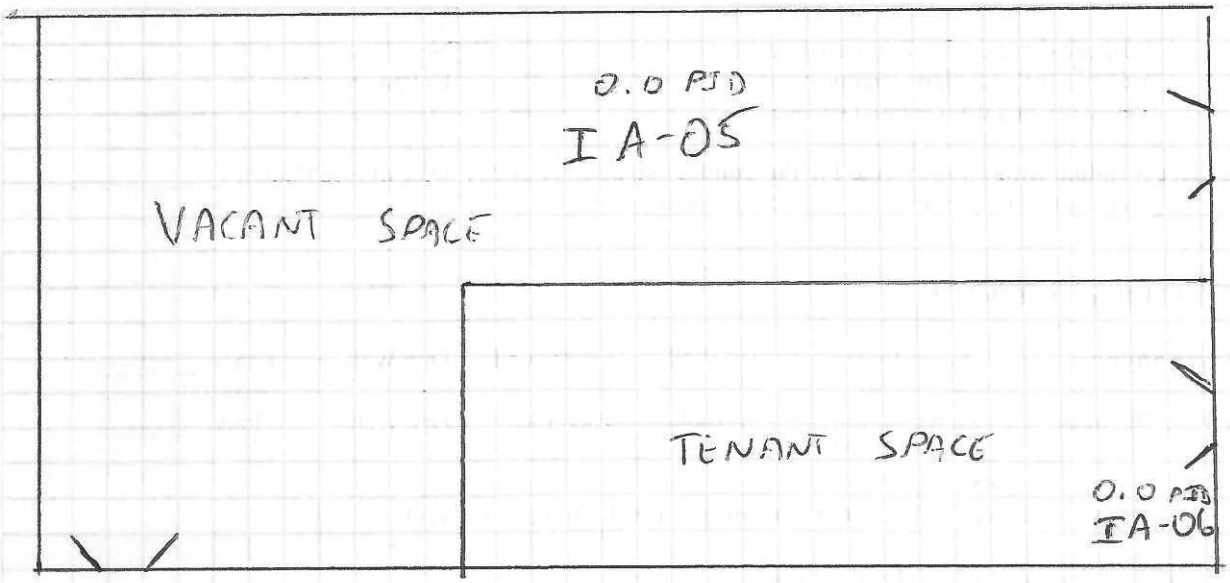
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

See Figure 2

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

* VACANT EMPTY SPACE — NO PRODUCTS FOUND

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

APPENDIX G

IDW DISPOSAL DOCUMENTATION

DISPOSAL SYSTEMS, INC.

P.O. BOX 6696
FREEHOLD, NEW JERSEY 07728
(609) 259 6340

Invoice

Date	Invoice #
8/10/2022	25766

Bill To
EnviroSure Inc. 621 Shrewsbury Ave., Suite 151 Shrewsbury, NJ 07702 Attn: Valerie@envirosureinc.com PM: Derek Grothusen

P.O. No.	Rep	Terms
	RGM	Net 30

Description	Amount
Site: Reds Crib, LLC. 43-45 Lafayette Ave., Suffern, NY	
8/9/2022 - Perform transportation and disposal of drummed waste from remedial events as follows:	750.00
Disposal of (3) non-hazardous drums @ $160.00/drum	480.00
QA/QC facility fee @ $80.00/load	80.00
Manifest Attached	

Please include invoice # on check.
A 1.5% Finance Charge will be added after 30 Days.

Sales Tax (7.0%)	$0.00
Total	$1,310.00
Payments/Credits	$0.00
Balance Due	$1,310.00

Fax #	609-259-2407

8/27/10

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NA	1	609-254-1340	01

GENERATOR

5. Generator's Name and Mailing Address — Generator's Site Address (if different than mailing address)

Rep- D. Gluthman
732-741-1110
Generator's Phone:

Reds Crib, LLC
43-45 Lafayette Ave, Suffern NY 10901

6. Transporter 1 Company Name — U.S. EPA ID Number

Disposal Systems Inc — NJD156163438

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Clyde Chem Inc
217 So. First St.
Elizabeth NJ 07201
Facility's Phone: 908 [illegible]

NJD 002200046

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON DOT NON RCRA Soil	3	DM	2,100	P	ID 27
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

NONE
AT 1661f 98 LB-903579
001733
NJDEP2158-1288 NYDEC - NJ-643

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month 8 Day 9 Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month 8 Day 9 Year 22

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month 08 Day 09 Year 10

169-BLC-O 6 10498 (Rev. 9/09)

TRANSPORTER #1

APPENDIX H

LABORATORY ANALYTICAL REPORTS

ANALYTICAL REPORT

Lab Number:	L2219760
Client:	EnviroSure, Inc. 621 Shrewsbury Avenue Suite 151 Shrewsbury, NJ 07702
ATTN:	Dyna Krumich-Ogonowski
Phone:	(732) 741-1110
Project Name:	43-45 LAFAYETTE
Project Number:	SO833-2
Report Date:	05/12/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical 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-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2219760-01	MW-1	WATER	SUFFERN	04/14/22 09:42	04/15/22
L2219760-02	MW-2	WATER	SUFFERN	04/14/22 11:29	04/15/22
L2219760-03	FIELD BLANK	WATER	SUFFERN	04/14/22 11:45	04/15/22
L2219760-04	TRIP BLANK	WATER	SUFFERN	04/13/22 00:00	04/15/22

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

NJ DEP Data of Known Quality Protocols
Conformance/Non-Conformance
Summary Questionnaire

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	YES
1a	Were the method specified handling, preservation, and holding time requirements met?	YES
1b	EPH Method: Was the EPH Method conducted without significant modifications (see Section 11.3 of respective DKQ methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (4 ± 2° C)?	YES
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	NO
5a	Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?	YES
5b	Were these reporting limits met?	NO
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	YES
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	YES

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1a or #1b is "No", the data package does not meet the requirements for "Data of Known Quality".

Project Name:	43-45 LAFAYETTE	**Lab Number:**	L2219760
Project Number:	SO833-2	**Report Date:**	05/12/22

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 Alpha 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, solids and tissues are reported on a dry 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, Alpha'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 Alpha Project Manager and made arrangements for Alpha 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:	43-45 LAFAYETTE	**Lab Number:**	L2219760
Project Number:	SO833-2	**Report Date:**	05/12/22

Case Narrative (continued)

Report Submission

May 12, 2022: This final report includes the results of all requested analyses.

May 06, 2022: 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.

DKQP Related Narratives

Volatile Organics

In reference to question 5b:

L2219760-01 through -04: One or more of the target analytes did not achieve the requested regulatory limits.

Semivolatile Organics

In reference to question 5b:

L2219760-01, -02, and -03: One or more of the target analytes did not achieve the requested regulatory limits.

In reference to question 4:

The WG1628464-1 Method Blank, associated with L2219760-01 through -03, has a TIC detected. The results are qualified with a "B" for any associated samples that have detections of the same TIC.

Semivolatile Organics by SIM

In reference to question 5b:

L2219760-01, -02, and -03: One or more of the target analytes did not achieve the requested regulatory limits.

Pesticides

In reference to question 5b:

Project Name:	43-45 LAFAYETTE	**Lab Number:**	L2219760
Project Number:	SO833-2	**Report Date:**	05/12/22

Case Narrative (continued)

L2219760-01, -02, and -03: One or more of the target analytes did not achieve the requested regulatory limits.

In reference to question 4:

WG1628157-1 and WG1628157-2: One or more surrogates failed to meet the DKQP recovery limits. Please refer to the sample results and/or QC section of the report for specific details.

WG1628157-2/-3: One or more compounds failed to meet the DKQP recovery and/or RPD limits. Please refer to the QC section of the report for specific details.

Total Metals

L2219760-03: The Field Blank has a result for sodium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

In reference to question 5b:

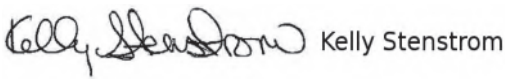
L2219760-01, -02, and -03: One or more of the target analytes did not achieve the requested regulatory limits.

Non-DKQP Related Narratives

Perfluorinated Alkyl Acids by Isotope Dilution

L2219760-01, -02, -03, WG1630826-1, and WG1630826-2: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

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: 05/12/22

ORGANICS

VOLATILES

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-01
Client ID: MW-1
Sample Location: SUFFERN

Date Collected: 04/14/22 09:42
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 04/27/22 01:28
Analyst: AJK

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: 43-45 LAFAYETTE **Lab Number:** L2219760

Project Number: SO833-2 **Report Date:** 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-01 Date Collected: 04/14/22 09:42

Client ID: MW-1 Date Received: 04/15/22

Sample Location: SUFFERN 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	0.70	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	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		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: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-01
Client ID: MW-1
Sample Location: SUFFERN
Date Collected: 04/14/22 09:42
Date Received: 04/15/22
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	97		70-130
Dibromofluoromethane	100		70-130

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-02
Client ID: MW-2
Sample Location: SUFFERN

Date Collected: 04/14/22 11:29
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 04/26/22 16:36
Analyst: MV

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	0.18	J	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: 43-45 LAFAYETTE **Lab Number:** L2219760

Project Number: SO833-2 **Report Date:** 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-02 Date Collected: 04/14/22 11:29

Client ID: MW-2 Date Received: 04/15/22

Sample Location: SUFFERN 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	0.70	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	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		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: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-02
Client ID: MW-2
Sample Location: SUFFERN
Date Collected: 04/14/22 11:29
Date Received: 04/15/22
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	1.32	J	ug/l			1
Unknown	1.32	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	106		70-130

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-03
Client ID: FIELD BLANK
Sample Location: SUFFERN
Date Collected: 04/14/22 11:45
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 04/26/22 18:21
Analyst: AJK

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: 43-45 LAFAYETTE **Lab Number:** L2219760

Project Number: SO833-2 **Report Date:** 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-03 Date Collected: 04/14/22 11:45

Client ID: FIELD BLANK Date Received: 04/15/22

Sample Location: SUFFERN 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	0.70	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	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		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: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-03
Client ID: FIELD BLANK
Sample Location: SUFFERN
Date Collected: 04/14/22 11:45
Date Received: 04/15/22
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	2.18	J	ug/l			1
Unknown	2.18	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-04
Client ID: TRIP BLANK
Sample Location: SUFFERN
Date Collected: 04/13/22 00:00
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 04/26/22 17:54
Analyst: AJK

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: 43-45 LAFAYETTE **Lab Number:** L2219760

Project Number: SO833-2 **Report Date:** 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-04 Date Collected: 04/13/22 00:00

Client ID: TRIP BLANK Date Received: 04/15/22

Sample Location: SUFFERN 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	0.70	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	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		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: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-04
Client ID: TRIP BLANK
Sample Location: SUFFERN
Date Collected: 04/13/22 00:00
Date Received: 04/15/22
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	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/26/22 16:34
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG1631655-5					
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: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/26/22 16:34
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG1631655-5					
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	0.70
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: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/26/22 16:34
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG1631655-5					
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			
Total TIC Compounds	2.16	J	ug/l
Unknown	2.16	J	ug/l

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/26/22 16:34
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG1631655-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/26/22 08:48
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1631667-5					
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: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/26/22 08:48
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1631667-5					
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	0.70
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: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/26/22 08:48
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1631667-5					
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

Total TIC Compounds	2.01	J	ug/l
Sulfur Dioxide	2.01	NJ	ug/l

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 04/26/22 08:48
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1631667-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1631655-3 WG1631655-4								
Methylene chloride	98		97		70-130	1		20
1,1-Dichloroethane	98		96		70-130	2		20
Chloroform	92		90		70-130	2		20
Carbon tetrachloride	97		95		63-132	2		20
1,2-Dichloropropane	95		96		70-130	1		20
Dibromochloromethane	94		91		63-130	3		20
1,1,2-Trichloroethane	95		94		70-130	1		20
Tetrachloroethene	100		98		70-130	2		20
Chlorobenzene	97		96		75-130	1		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	95		95		70-130	0		20
1,1,1-Trichloroethane	100		99		67-130	1		20
Bromodichloromethane	94		94		67-130	0		20
trans-1,3-Dichloropropene	96		93		70-130	3		20
cis-1,3-Dichloropropene	97		96		70-130	1		20
1,1-Dichloropropene	100		96		70-130	4		20
Bromoform	93		92		54-136	1		20
1,1,2,2-Tetrachloroethane	98		100		67-130	2		20
Benzene	98		95		70-130	3		20
Toluene	98		96		70-130	2		20
Ethylbenzene	97		95		70-130	2		20
Chloromethane	100		100		64-130	0		20
Bromomethane	100		95		39-139	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1631655-3 WG1631655-4								
Vinyl chloride	110		100		55-140	10		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	100		98		61-145	2		20
trans-1,2-Dichloroethene	100		98		70-130	2		20
Trichloroethene	95		90		70-130	5		20
1,2-Dichlorobenzene	100		97		70-130	3		20
1,3-Dichlorobenzene	100		97		70-130	3		20
1,4-Dichlorobenzene	100		98		70-130	2		20
Methyl tert butyl ether	97		95		63-130	2		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	98		93		70-130	5		20
Dibromomethane	97		95		70-130	2		20
1,2,3-Trichloropropane	87		93		64-130	7		20
Acrylonitrile	93		97		70-130	4		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	100		97		36-147	3		20
Acetone	81		77		58-148	5		20
Carbon disulfide	100		96		51-130	4		20
2-Butanone	91		91		63-138	0		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	94		98		59-130	4		20
2-Hexanone	88		88		57-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1631655-3 WG1631655-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	96		94		70-130	2		20
1,3-Dichloropropane	96		96		70-130	0		20
1,1,1,2-Tetrachloroethane	95		94		64-130	1		20
Bromobenzene	100		98		70-130	2		20
n-Butylbenzene	100		96		53-136	4		20
sec-Butylbenzene	98		95		70-130	3		20
tert-Butylbenzene	99		96		70-130	3		20
o-Chlorotoluene	95		95		70-130	0		20
p-Chlorotoluene	96		93		70-130	3		20
1,2-Dibromo-3-chloropropane	95		92		41-144	3		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	99		96		70-130	3		20
p-Isopropyltoluene	99		96		70-130	3		20
Naphthalene	95		98		70-130	3		20
n-Propylbenzene	99		96		69-130	3		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	98		96		64-130	2		20
1,2,4-Trimethylbenzene	96		94		70-130	2		20
1,4-Dioxane	96		98		56-162	2		20
p-Diethylbenzene	97		96		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1631655-3 WG1631655-4								
p-Ethyltoluene	99		95		70-130	4		20
1,2,4,5-Tetramethylbenzene	90		87		70-130	3		20
Ethyl ether	100		98		59-134	2		20
trans-1,4-Dichloro-2-butene	95		91		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		101		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	97		96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1631667-3 WG1631667-4								
Methylene chloride	98		98		70-130	0		20
1,1-Dichloroethane	100		98		70-130	2		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	97		96		70-130	1		20
Dibromochloromethane	97		100		63-130	3		20
1,1,2-Trichloroethane	97		100		70-130	3		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	100		97		75-130	3		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	97		97		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	96		95		70-130	1		20
1,1-Dichloropropene	110		100		70-130	10		20
Bromoform	100		100		54-136	0		20
1,1,2,2-Tetrachloroethane	93		96		67-130	3		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		99		70-130	1		20
Chloromethane	100		99		64-130	1		20
Bromomethane	76		70		39-139	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1631667-3 WG1631667-4								
Vinyl chloride	110		100		55-140	10		20
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	92		89		70-130	3		20
1,2-Dichlorobenzene	99		99		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		99		70-130	1		20
Methyl tert butyl ether	98		100		63-130	2		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	110		100		70-130	10		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	97		98		70-130	1		20
1,2,3-Trichloropropane	90		93		64-130	3		20
Acrylonitrile	88		95		70-130	8		20
Styrene	105		100		70-130	5		20
Dichlorodifluoromethane	120		110		36-147	9		20
Acetone	86		97		58-148	12		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	90		90		63-138	0		20
Vinyl acetate	110		120		70-130	9		20
4-Methyl-2-pentanone	89		93		59-130	4		20
2-Hexanone	91		97		57-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1631667-3 WG1631667-4								
Bromochloromethane	97		100		70-130	3		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	93		94		70-130	1		20
1,3-Dichloropropane	99		100		70-130	1		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	98		97		70-130	1		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	100		98		70-130	2		20
1,2-Dibromo-3-chloropropane	83		88		41-144	6		20
Hexachlorobutadiene	110		100		63-130	10		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	88		97		70-130	10		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	94		98		70-130	4		20
1,2,4-Trichlorobenzene	98		100		70-130	2		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	114		128		56-162	12		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1631667-3 WG1631667-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	99		98		70-130	1		20
Ethyl ether	92		93		59-134	1		20
trans-1,4-Dichloro-2-butene	86		93		70-130	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	103		101		70-130

SEMIVOLATILES

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-01
Client ID: MW-1
Sample Location: SUFFERN

Date Collected: 04/14/22 09:42
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 04/19/22 06:57
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/19/22 01:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-01
Client ID: MW-1
Sample Location: SUFFERN
Date Collected: 04/14/22 09:42
Date Received: 04/15/22
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	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	1.7	J	ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Tentatively Identified Compounds						
Total TIC Compounds	4.72	J	ug/l			1
Unknown	2.94	JB	ug/l			1
Unknown Organic Acid	1.78	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	104		10-120
4-Terphenyl-d14	89		41-149

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-01
Client ID: MW-1
Sample Location: SUFFERN

Date Collected: 04/14/22 09:42
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 04/19/22 10:10
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 04/19/22 01:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.09	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.08	J	ug/l	0.10	0.01	1
Phenanthrene	0.16		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.06	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 43-45 LAFAYETTE
Lab Number: L2219760
Project Number: SO833-2
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-01
Client ID: MW-1
Sample Location: SUFFERN

Date Collected: 04/14/22 09:42
Date Received: 04/15/22
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	69		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	110		10-120
4-Terphenyl-d14	82		41-149

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-01
Client ID: MW-1
Sample Location: SUFFERN

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 04/19/22 19:42
Analyst: DB

Date Collected: 04/14/22 09:42
Date Received: 04/15/22
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 04/18/22 20:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	34		15-110

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-01
Client ID: MW-1
Sample Location: SUFFERN

Date Collected: 04/14/22 09:42
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 04/26/22 21:29
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 04/25/22 17:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.71		ng/l	1.84	0.375	1
Perfluoropentanoic Acid (PFPeA)	6.68		ng/l	1.84	0.364	1
Perfluorobutanesulfonic Acid (PFBS)	7.80		ng/l	1.84	0.219	1
Perfluorohexanoic Acid (PFHxA)	6.16		ng/l	1.84	0.302	1
Perfluoroheptanoic Acid (PFHpA)	4.73		ng/l	1.84	0.207	1
Perfluorohexanesulfonic Acid (PFHxS)	4.10		ng/l	1.84	0.346	1
Perfluorooctanoic Acid (PFOA)	13.8		ng/l	1.84	0.217	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.62	J	ng/l	1.84	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.633	1
Perfluorononanoic Acid (PFNA)	2.42		ng/l	1.84	0.287	1
Perfluorooctanesulfonic Acid (PFOS)	20.4	F	ng/l	1.84	0.464	1
Perfluorodecanoic Acid (PFDA)	0.500	J	ng/l	1.84	0.280	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.596	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.239	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.902	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.534	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.740	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.342	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.301	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.228	1
PFOA/PFOS, Total	34.2		ng/l	1.84	0.217	1

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-01
Client ID: MW-1
Sample Location: SUFFERN
Date Collected: 04/14/22 09:42
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	90		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	129		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	76		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	81		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	115		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	143		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	77		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	76		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	118		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**120**	Q	24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	104		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	96		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	81		22-136

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-02
Client ID: MW-2
Sample Location: SUFFERN

Date Collected: 04/14/22 11:29
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 04/19/22 02:29
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/18/22 10:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.2	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-02
Client ID: MW-2
Sample Location: SUFFERN
Date Collected: 04/14/22 11:29
Date Received: 04/15/22
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	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	0.66	J	ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-02
Client ID: MW-2
Sample Location: SUFFERN
Date Collected: 04/14/22 11:29
Date Received: 04/15/22
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	110	J	ug/l			1
Unknown	1.53	J	ug/l			1
Unknown	7.49	J	ug/l			1
Unknown	1.78	J	ug/l			1
Unknown	5.60	J	ug/l			1
Unknown	6.73	J	ug/l			1
Unknown	2.87	J	ug/l			1
Unknown	4.94	J	ug/l			1
Unknown	1.53	J	ug/l			1
Unknown	4.69	J	ug/l			1
Unknown	21.5	JB	ug/l			1
Unknown	2.69	J	ug/l			1
Unknown	5.02	J	ug/l			1
Unknown	3.53	J	ug/l			1
Unknown	1.85	J	ug/l			1
Unknown Organic Acid	14.1	J	ug/l			1
Unknown Organic Acid	14.3	J	ug/l			1
Unknown Organic Acid	8.62	J	ug/l			1
Unknown Siloxane	1.49	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	62		41-149

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-02
Client ID: MW-2
Sample Location: SUFFERN

Date Collected: 04/14/22 11:29
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 04/19/22 10:26
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 04/18/22 11:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.09	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.03	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.09	J	ug/l	0.10	0.01	1
Phenanthrene	0.15		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.08	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 43-45 LAFAYETTE
Lab Number: L2219760
Project Number: SO833-2
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-02
Client ID: MW-2
Sample Location: SUFFERN

Date Collected: 04/14/22 11:29
Date Received: 04/15/22
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	62		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	108		10-120
4-Terphenyl-d14	81		41-149

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-02
Client ID: MW-2
Sample Location: SUFFERN

Date Collected: 04/14/22 11:29
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 04/19/22 20:03
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 04/18/22 20:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	36		15-110

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-02
Client ID: MW-2
Sample Location: SUFFERN

Date Collected: 04/14/22 11:29
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 04/26/22 21:46
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 04/25/22 17:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.76		ng/l	1.77	0.361	1
Perfluoropentanoic Acid (PFPeA)	5.88		ng/l	1.77	0.350	1
Perfluorobutanesulfonic Acid (PFBS)	6.69		ng/l	1.77	0.210	1
Perfluorohexanoic Acid (PFHxA)	5.29		ng/l	1.77	0.290	1
Perfluoroheptanoic Acid (PFHpA)	3.73		ng/l	1.77	0.199	1
Perfluorohexanesulfonic Acid (PFHxS)	2.73		ng/l	1.77	0.333	1
Perfluorooctanoic Acid (PFOA)	12.6		ng/l	1.77	0.209	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.50	J	ng/l	1.77	1.18	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.77	0.609	1
Perfluorononanoic Acid (PFNA)	2.07		ng/l	1.77	0.276	1
Perfluorooctanesulfonic Acid (PFOS)	14.2	F	ng/l	1.77	0.446	1
Perfluorodecanoic Acid (PFDA)	0.513	J	ng/l	1.77	0.269	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.77	1.07	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.77	0.573	1
Perfluoroundecanoic Acid (PFUnA)	0.432	J	ng/l	1.77	0.230	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.77	0.867	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.77	0.513	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.77	0.711	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.77	0.329	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.77	0.290	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.77	0.219	1
PFOA/PFOS, Total	26.8		ng/l	1.77	0.209	1

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-02
Client ID: MW-2
Sample Location: SUFFERN
Date Collected: 04/14/22 11:29
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	80		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	117		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	98		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	64		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	67		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	110		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	71		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**148**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	64		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	68		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	134		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	106		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	82		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	12		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	81		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	94		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	79		22-136

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-03
Client ID: FIELD BLANK
Sample Location: SUFFERN

Date Collected: 04/14/22 11:45
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 04/19/22 02:53
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/18/22 10:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.7	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-03
Client ID: FIELD BLANK
Sample Location: SUFFERN
Date Collected: 04/14/22 11:45
Date Received: 04/15/22
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	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-03
Client ID: FIELD BLANK
Sample Location: SUFFERN
Date Collected: 04/14/22 11:45
Date Received: 04/15/22
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	123	J	ug/l			1
Unknown	3.56	J	ug/l			1
Unknown	2.94	J	ug/l			1
Unknown	5.16	J	ug/l			1
Unknown	36.4	J	ug/l			1
Unknown	2.62	J	ug/l			1
Unknown	8.94	J	ug/l			1
Unknown	2.33	J	ug/l			1
Unknown	7.60	J	ug/l			1
Unknown	1.96	J	ug/l			1
Unknown	6.87	J	ug/l			1
Unknown	9.13	JB	ug/l			1
Unknown	6.65	J	ug/l			1
Unknown	1.74	J	ug/l			1
Unknown	9.96	J	ug/l			1
Unknown Alkane	1.96	J	ug/l			1
Unknown Alkane	3.38	J	ug/l			1
Unknown Organic Acid	3.05	J	ug/l			1
Unknown Organic Acid	2.14	J	ug/l			1
Unknown Organic Acid	3.20	J	ug/l			1
Unknown Siloxane	3.05	J	ug/l			1

Project Name: 43-45 LAFAYETTE
Lab Number: L2219760
Project Number: SO833-2
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-03
Client ID: FIELD BLANK
Sample Location: SUFFERN
Date Collected: 04/14/22 11:45
Date Received: 04/15/22
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		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	83		41-149

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-03
Client ID: FIELD BLANK
Sample Location: SUFFERN
Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 04/19/22 10:43
Analyst: RP

Date Collected: 04/14/22 11:45
Date Received: 04/15/22
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 04/18/22 11:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.05	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.04	J	ug/l	0.10	0.01	1
Phenanthrene	0.09	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 43-45 LAFAYETTE **Lab Number:** L2219760

Project Number: SO833-2 **Report Date:** 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-03 Date Collected: 04/14/22 11:45

Client ID: FIELD BLANK Date Received: 04/15/22

Sample Location: SUFFERN 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	62		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	75		41-149

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-03
Client ID: FIELD BLANK
Sample Location: SUFFERN

Date Collected: 04/14/22 11:45
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 04/19/22 20:24
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 04/18/22 20:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	134	30.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	42		15-110

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-03
Client ID: FIELD BLANK
Sample Location: SUFFERN
Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 04/26/22 22:02
Analyst: RS

Date Collected: 04/14/22 11:45
Date Received: 04/15/22
Field Prep: Not Specified

Extraction Method: ALPHA 23528
Extraction Date: 04/25/22 17:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.73	0.354	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.73	0.343	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.73	0.206	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.73	0.284	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.73	0.195	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.73	0.326	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.73	0.205	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.72	J	ng/l	1.73	1.16	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.73	0.597	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.73	0.270	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.73	0.437	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.73	0.264	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.73	1.05	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.73	0.562	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.73	0.225	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.73	0.850	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.73	0.503	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.73	0.697	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.73	0.323	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.73	0.284	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.73	0.215	1
PFOA/PFOS, Total	ND		ng/l	1.73	0.205	1

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-03
Client ID: FIELD BLANK
Sample Location: SUFFERN
Date Collected: 04/14/22 11:45
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	106		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	146		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	101		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	102		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	108		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	115		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	106		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	123		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**177**	Q	24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	117		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	40		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**148**	Q	27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	123		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	95		22-136

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/19/22 00:30
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 04/18/22 10:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1628464-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/19/22 00:30
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 04/18/22 10:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1628464-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 04/19/22 00:30
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 04/18/22 10:55

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1628464-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds			
Total TIC Compounds	2.00	J	ug/l
Unknown	2.00	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	62		41-149

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 04/19/22 08:48
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/18/22 11:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1628465-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	0.03	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 04/19/22 08:48
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 04/18/22 11:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1628465-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	68		41-149

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 04/19/22 12:59
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 04/18/22 20:40

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 01-03 Batch: WG1628490-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	33		15-110

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 04/26/22 20:56
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 04/25/22 17:37

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1630826-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.82	J	ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 04/26/22 20:56
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 04/25/22 17:37

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1630826-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	108		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	142		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	103		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	102		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	104		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	112		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	110		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	111		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	106		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	102		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	122		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**175**	Q	24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	119		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	44		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**164**	Q	27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	123		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	95		22-136

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

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: WG1628464-2 WG1628464-3								
Acenaphthene	63		67		37-111	6		30
1,2,4-Trichlorobenzene	63		69		39-98	9		30
Hexachlorobenzene	69		76		40-140	10		30
Bis(2-chloroethyl)ether	64		69		40-140	8		30
2-Chloronaphthalene	66		71		40-140	7		30
1,2-Dichlorobenzene	64		68		40-140	6		30
1,3-Dichlorobenzene	64		70		40-140	9		30
1,4-Dichlorobenzene	61		68		36-97	11		30
3,3'-Dichlorobenzidine	59		61		40-140	3		30
2,4-Dinitrotoluene	88		96		48-143	9		30
2,6-Dinitrotoluene	81		92		40-140	13		30
Fluoranthene	68		73		40-140	7		30
4-Chlorophenyl phenyl ether	64		72		40-140	12		30
4-Bromophenyl phenyl ether	66		75		40-140	13		30
Bis(2-chloroisopropyl)ether	48		53		40-140	10		30
Bis(2-chloroethoxy)methane	64		72		40-140	12		30
Hexachlorobutadiene	59		67		40-140	13		30
Hexachlorocyclopentadiene	59		67		40-140	13		30
Hexachloroethane	59		62		40-140	5		30
Isophorone	58		65		40-140	11		30
Naphthalene	61		67		40-140	9		30
Nitrobenzene	66		74		40-140	11		30
NDPA/DPA	64		72		40-140	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

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: WG1628464-2 WG1628464-3								
n-Nitrosodi-n-propylamine	60		67		29-132	11		30
Bis(2-ethylhexyl)phthalate	74		81		40-140	9		30
Butyl benzyl phthalate	75		82		40-140	9		30
Di-n-butylphthalate	64		71		40-140	10		30
Di-n-octylphthalate	66		72		40-140	9		30
Diethyl phthalate	63		72		40-140	13		30
Dimethyl phthalate	71		75		40-140	5		30
Benzo(a)anthracene	65		71		40-140	9		30
Benzo(a)pyrene	69		74		40-140	7		30
Benzo(b)fluoranthene	78		84		40-140	7		30
Benzo(k)fluoranthene	64		70		40-140	9		30
Chrysene	68		73		40-140	7		30
Acenaphthylene	63		69		45-123	9		30
Anthracene	68		73		40-140	7		30
Benzo(ghi)perylene	69		75		40-140	8		30
Fluorene	63		71		40-140	12		30
Phenanthrene	67		74		40-140	10		30
Dibenzo(a,h)anthracene	72		77		40-140	7		30
Indeno(1,2,3-cd)pyrene	74		79		40-140	7		30
Pyrene	69		75		26-127	8		30
Biphenyl	66		71		40-140	7		30
4-Chloroaniline	51		59		40-140	15		30
2-Nitroaniline	82		88		52-143	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

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: WG1628464-2 WG1628464-3								
3-Nitroaniline	73		81		25-145	10		30
4-Nitroaniline	69		83		51-143	18		30
Dibenzofuran	64		68		40-140	6		30
2-Methylnaphthalene	62		67		40-140	8		30
1,2,4,5-Tetrachlorobenzene	66		70		2-134	6		30
Acetophenone	60		66		39-129	10		30
2,4,6-Trichlorophenol	68		69		30-130	1		30
p-Chloro-m-cresol	67		71		23-97	6		30
2-Chlorophenol	65		71		27-123	9		30
2,4-Dichlorophenol	70		78		30-130	11		30
2,4-Dimethylphenol	59		65		30-130	10		30
2-Nitrophenol	83		86		30-130	4		30
4-Nitrophenol	65		71		10-80	9		30
2,4-Dinitrophenol	94		107		20-130	13		30
4,6-Dinitro-o-cresol	103		113		20-164	9		30
Pentachlorophenol	72		80		9-103	11		30
Phenol	47		54		12-110	14		30
2-Methylphenol	60		67		30-130	11		30
3-Methylphenol/4-Methylphenol	64		72		30-130	12		30
2,4,5-Trichlorophenol	69		76		30-130	10		30
Benzoic Acid	66		70		10-164	6		30
Benzyl Alcohol	56		66		26-116	16		30
Carbazole	67		74		55-144	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

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: WG1628464-2 WG1628464-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		62		21-120
Phenol-d6	47		52		10-120
Nitrobenzene-d5	67		78		23-120
2-Fluorobiphenyl	65		69		15-120
2,4,6-Tribromophenol	77		80		10-120
4-Terphenyl-d14	72		77		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1628465-2 WG1628465-3								
Acenaphthene	67		69		40-140	3		40
2-Chloronaphthalene	61		64		40-140	5		40
Fluoranthene	68		70		40-140	3		40
Hexachlorobutadiene	60		62		40-140	3		40
Naphthalene	62		64		40-140	3		40
Benzo(a)anthracene	70		75		40-140	7		40
Benzo(a)pyrene	63		67		40-140	6		40
Benzo(b)fluoranthene	73		81		40-140	10		40
Benzo(k)fluoranthene	74		75		40-140	1		40
Chrysene	68		73		40-140	7		40
Acenaphthylene	58		60		40-140	3		40
Anthracene	67		70		40-140	4		40
Benzo(ghi)perylene	71		74		40-140	4		40
Fluorene	66		69		40-140	4		40
Phenanthrene	69		71		40-140	3		40
Dibenzo(a,h)anthracene	71		78		40-140	9		40
Indeno(1,2,3-cd)pyrene	70		77		40-140	10		40
Pyrene	68		70		40-140	3		40
2-Methylnaphthalene	62		64		40-140	3		40
Pentachlorophenol	58		57		40-140	2		40
Hexachlorobenzene	76		75		40-140	1		40
Hexachloroethane	67		66		40-140	2		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1628465-2 WG1628465-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		56		21-120
Phenol-d6	48		47		10-120
Nitrobenzene-d5	71		70		23-120
2-Fluorobiphenyl	62		63		15-120
2,4,6-Tribromophenol	84		86		10-120
4-Terphenyl-d14	64		68		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 01-03 Batch: WG1628490-2 WG1628490-3								
1,4-Dioxane	120		126		40-140	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	30		34		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1630826-2								
Perfluorobutanoic Acid (PFBA)	99		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	96		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	103		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	98		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	101		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	110		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	98		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	115		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	108		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	114		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	109		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	90		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	92		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	90		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	126		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	109		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	110		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	100		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	126		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	122		-		59-182	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1630826-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	110				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	138				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	106				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	104				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	111				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	119				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	102				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	106				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	114				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**171**	Q			24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	122				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	56				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**161**	Q			27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	**134**	Q			48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	97				22-136

Matrix Spike Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1630826-3 WG1630826-4 QC Sample: L2220330-06 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	9.24	38.7	47.0	98		45.4	97		67-148	3		30
Perfluoropentanoic Acid (PFPeA)	25.8	38.7	61.3	92		60.7	94		63-161	1		30
Perfluorobutanesulfonic Acid (PFBS)	8.48	34.3	44.0	103		41.3	99		65-157	6		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	36.3	37.2	103		37.7	108		37-219	1		30
Perfluorohexanoic Acid (PFHxA)	22.9	38.7	60.6	98		60.1	100		69-168	1		30
Perfluoropentanesulfonic Acid (PFPeS)	0.638J	36.4	35.0	94		33.6	94		52-156	4		30
Perfluoroheptanoic Acid (PFHpA)	11.2	38.7	50.3	101		48.0	99		58-159	5		30
Perfluorohexanesulfonic Acid (PFHxS)	6.67	35.4	44.9	108		43.1	107		69-177	4		30
Perfluorooctanoic Acid (PFOA)	54.0	38.7	92.0	98		90.6	98		63-159	2		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.82	36.8	41.5	108		37.4	100		49-187	10		30
Perfluoroheptanesulfonic Acid (PFHpS)	1.74J	36.9	45.1	118		43.4	117		61-179	4		30
Perfluorononanoic Acid (PFNA)	9.98	38.7	51.1	106		49.6	106		68-171	3		30
Perfluorooctanesulfonic Acid (PFOS)	59.6F	35.9	98.6F	109		102F	122		52-151	3		30
Perfluorodecanoic Acid (PFDA)	ND	38.7	42.0	109		40.2	108		63-171	4		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	37.1	30.8	83		29.4	82		56-173	5		30
Perfluorononanesulfonic Acid (PFNS)	ND	37.2	43.8	118		42.9	119		48-150	2		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	38.7	32.5	84		31.6	85		60-166	3		30
Perfluoroundecanoic Acid (PFUnA)	ND	38.7	34.0	88		32.2	86		60-153	5		30
Perfluorodecanesulfonic Acid (PFDS)	ND	37.4	41.2	110		43.6	121		38-156	6		30
Perfluorooctanesulfonamide (FOSA)	ND	38.7	42.4F	110		37.4F	100		46-170	13		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	38.7	40.2	104		39.8	107		45-170	1		30
Perfluorododecanoic Acid (PFDoA)	ND	38.7	39.2	101		36.9	99		67-153	6		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 43-45 LAFAYETTE

Project Number: SO833-2

Lab Number: L2219760

Report Date: 05/12/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1630826-3 WG1630826-4 QC Sample: L2220330-06 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	38.7	48.6	126		42.3	113		48-158	14		30
Perfluorotetradecanoic Acid (PFTA)	ND	38.7	46.5	120		42.1	113		59-182	10		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	94		86		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	113		104		12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	96		94		14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	84		94		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	104		115		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	90		101		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	79		89		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	83		82		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	83		85		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	114		112		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	101		115		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	79		85		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	94		94		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	124		124		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	24		26		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100		97		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		87		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	78		82		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	103		101		70-131

PCBS

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-01
Client ID: MW-1
Sample Location: SUFFERN

Date Collected: 04/14/22 09:42
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/19/22 16:56
Analyst: ER

Extraction Method: EPA 3510C
Extraction Date: 04/17/22 18:21
Cleanup Method: EPA 3665A
Cleanup Date: 04/18/22
Cleanup Method: EPA 3660B
Cleanup Date: 04/18/22

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	82		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-02
Client ID: MW-2
Sample Location: SUFFERN

Date Collected: 04/14/22 11:29
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/19/22 17:04
Analyst: ER

Extraction Method: EPA 3510C
Extraction Date: 04/17/22 18:21
Cleanup Method: EPA 3665A
Cleanup Date: 04/18/22
Cleanup Method: EPA 3660B
Cleanup Date: 04/18/22

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	81		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-03
Client ID: FIELD BLANK
Sample Location: SUFFERN

Date Collected: 04/14/22 11:45
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/19/22 17:12
Analyst: ER

Extraction Method: EPA 3510C
Extraction Date: 04/17/22 18:21
Cleanup Method: EPA 3665A
Cleanup Date: 04/18/22
Cleanup Method: EPA 3660B
Cleanup Date: 04/18/22

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	84		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/19/22 16:32
Analyst: ER

Extraction Method: EPA 3510C
Extraction Date: 04/17/22 18:21
Cleanup Method: EPA 3665A
Cleanup Date: 04/18/22
Cleanup Method: EPA 3660B
Cleanup Date: 04/18/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1628155-1						
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	74		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	84		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

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: WG1628155-2 WG1628155-3									
Aroclor 1016	71		85		40-140	18		50	A
Aroclor 1260	72		86		40-140	17		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		74		30-150	A
Decachlorobiphenyl	77		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		74		30-150	B
Decachlorobiphenyl	74		85		30-150	B

PESTICIDES

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-01
Client ID: MW-1
Sample Location: SUFFERN

Date Collected: 04/14/22 09:42
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/18/22 11:13
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 04/17/22 18:07

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: 43-45 LAFAYETTE **Lab Number:** L2219760

Project Number: SO833-2 **Report Date:** 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-01 Date Collected: 04/14/22 09:42

Client ID: MW-1 Date Received: 04/15/22

Sample Location: SUFFERN 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	37		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	31		30-150	B
Decachlorobiphenyl	37		30-150	B

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-02
Client ID: MW-2
Sample Location: SUFFERN

Date Collected: 04/14/22 11:29
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/18/22 11:26
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 04/17/22 18:07

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: 43-45 LAFAYETTE **Lab Number:** L2219760

Project Number: SO833-2 **Report Date:** 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-02 Date Collected: 04/14/22 11:29

Client ID: MW-2 Date Received: 04/15/22

Sample Location: SUFFERN 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	38		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	31		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-03
Client ID: FIELD BLANK
Sample Location: SUFFERN
Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/18/22 11:39
Analyst: AKM

Date Collected: 04/14/22 11:45
Date Received: 04/15/22
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 04/17/22 18:07

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: 43-45 LAFAYETTE **Lab Number:** L2219760

Project Number: SO833-2 **Report Date:** 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-03 Date Collected: 04/14/22 11:45

Client ID: FIELD BLANK Date Received: 04/15/22

Sample Location: SUFFERN 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	39		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	33		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/18/22 10:36
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 04/17/22 18:07

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1628157-1						
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'-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
4,4'-DDE	ND		ug/l	0.029	0.003	B

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/18/22 10:36
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 04/17/22 18:07

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1628157-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	34		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	**28**	Q	30-150	B
Decachlorobiphenyl	38		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

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: WG1628157-2 WG1628157-3									
Delta-BHC	56		66		30-150	15		20	A
Lindane	60		76		30-150	**23**	Q	20	A
Alpha-BHC	65		83		30-150	**24**	Q	20	A
Beta-BHC	72		89		30-150	**21**	Q	20	A
Heptachlor	64		79		30-150	**21**	Q	20	A
Aldrin	69		89		30-150	**25**	Q	20	A
Heptachlor epoxide	61		77		30-150	**23**	Q	20	A
Endrin	74		93		30-150	**23**	Q	20	A
Endrin aldehyde	55		60		30-150	8		20	A
Endrin ketone	79		92		30-150	15		20	A
Dieldrin	65		82		30-150	**23**	Q	20	A
4,4'-DDE	64		83		30-150	**25**	Q	20	A
4,4'-DDD	66		85		30-150	**24**	Q	20	A
4,4'-DDT	66		84		30-150	**24**	Q	20	A
Endosulfan I	61		75		30-150	**21**	Q	20	A
Endosulfan II	61		67		30-150	10		20	A
Endosulfan sulfate	73		79		30-150	9		20	A
Methoxychlor	88		108		30-150	**21**	Q	20	A
cis-Chlordane	70		89		30-150	**24**	Q	20	A
trans-Chlordane	78		100		30-150	**25**	Q	20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

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: WG1628157-2 WG1628157-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**28**	Q	36		30-150	A
Decachlorobiphenyl	32		41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	**24**	Q	31		30-150	B
Decachlorobiphenyl	33		42		30-150	B

METALS

Project Name: 43-45 LAFAYETTE
Lab Number: L2219760
Project Number: SO833-2
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-01
Client ID: MW-1
Sample Location: SUFFERN
Date Collected: 04/14/22 09:42
Date Received: 04/15/22
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	0.213		mg/l	0.0100	0.00327	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00023	J	mg/l	0.00050	0.00016	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Barium, Total	0.04823		mg/l	0.00050	0.00017	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Calcium, Total	53.1		mg/l	0.100	0.0394	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Chromium, Total	0.00038	J	mg/l	0.00100	0.00017	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00037	J	mg/l	0.00050	0.00016	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Copper, Total	0.00155		mg/l	0.00100	0.00038	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Iron, Total	0.391		mg/l	0.0500	0.0191	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Magnesium, Total	9.70		mg/l	0.0700	0.0242	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Manganese, Total	0.02230		mg/l	0.00100	0.00044	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/09/22 21:44	05/11/22 20:01	EPA 7470A	1,7470A	DMB
Nickel, Total	0.00076	J	mg/l	0.00200	0.00055	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Potassium, Total	3.44		mg/l	0.100	0.0309	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Sodium, Total	296.		mg/l	0.100	0.0293	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/09/22 17:32	05/10/22 17:23	EPA 3005A	1,6020B	CD

Project Name: 43-45 LAFAYETTE
Lab Number: L2219760
Project Number: SO833-2
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-02
Client ID: MW-2
Sample Location: SUFFERN
Date Collected: 04/14/22 11:29
Date Received: 04/15/22
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	0.574		mg/l	0.0100	0.00327	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00035	J	mg/l	0.00050	0.00016	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Barium, Total	0.05076		mg/l	0.00050	0.00017	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Calcium, Total	50.7		mg/l	0.100	0.0394	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Chromium, Total	0.00084	J	mg/l	0.00100	0.00017	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00081		mg/l	0.00050	0.00016	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Copper, Total	0.00335		mg/l	0.00100	0.00038	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Iron, Total	1.12		mg/l	0.0500	0.0191	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Lead, Total	0.00053	J	mg/l	0.00100	0.00034	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Magnesium, Total	9.46		mg/l	0.0700	0.0242	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Manganese, Total	0.05602		mg/l	0.00100	0.00044	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/09/22 21:44	05/11/22 20:11	EPA 7470A	1,7470A	DMB
Nickel, Total	0.00157	J	mg/l	0.00200	0.00055	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Potassium, Total	3.04		mg/l	0.100	0.0309	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Sodium, Total	270.		mg/l	0.100	0.0293	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD
Zinc, Total	0.00363	J	mg/l	0.01000	0.00341	1	05/09/22 17:32	05/10/22 17:28	EPA 3005A	1,6020B	CD

Project Name: 43-45 LAFAYETTE
Lab Number: L2219760
Project Number: SO833-2
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-03
Client ID: FIELD BLANK
Sample Location: SUFFERN
Date Collected: 04/14/22 11:45
Date Received: 04/15/22
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	ND		mg/l	0.0100	0.00327	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Barium, Total	0.00031	J	mg/l	0.00050	0.00017	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Calcium, Total	0.0759	J	mg/l	0.100	0.0394	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/09/22 21:44	05/11/22 20:14	EPA 7470A	1,7470A	DMB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Sodium, Total	0.248		mg/l	0.100	0.0293	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/09/22 17:32	05/10/22 15:45	EPA 3005A	1,6020B	CD

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

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: WG1636133-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Sodium, Total	ND		mg/l	0.100	0.0293	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Thallium, Total	0.00014	J	mg/l	0.00100	0.00014	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/09/22 17:32	05/10/22 15:40	1,6020B	CD

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): 01-03 Batch: WG1636134-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/09/22 21:44	05/11/22 19:54	1,7470A	DMB

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1636133-2								
Aluminum, Total	98		-		80-120	-		
Antimony, Total	94		-		80-120	-		
Arsenic, Total	103		-		80-120	-		
Barium, Total	99		-		80-120	-		
Beryllium, Total	100		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	90		-		80-120	-		
Chromium, Total	96		-		80-120	-		
Cobalt, Total	95		-		80-120	-		
Copper, Total	96		-		80-120	-		
Iron, Total	98		-		80-120	-		
Lead, Total	104		-		80-120	-		
Magnesium, Total	102		-		80-120	-		
Manganese, Total	96		-		80-120	-		
Nickel, Total	95		-		80-120	-		
Potassium, Total	97		-		80-120	-		
Selenium, Total	99		-		80-120	-		
Silver, Total	87		-		80-120	-		
Sodium, Total	97		-		80-120	-		
Thallium, Total	101		-		80-120	-		
Vanadium, Total	97		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1636133-2					
Zinc, Total	94	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1636134-2					
Mercury, Total	92	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

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: WG1636134-3 QC Sample: L2219760-01 Client ID: MW-1												
Mercury, Total	ND	0.005	0.00449	90		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1636134-4 QC Sample: L2219760-01 Client ID: MW-1						
Mercury, Total	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-01
Client ID: MW-1
Sample Location: SUFFERN

Sample Depth:
Matrix: Water

Date Collected: 04/14/22 09:42
Date Received: 04/15/22
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	04/27/22 10:30	04/27/22 14:05	1,9010C/9012B	CS

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-02
Client ID: MW-2
Sample Location: SUFFERN

Sample Depth:
Matrix: Water

Date Collected: 04/14/22 11:29
Date Received: 04/15/22
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	0.002	J	mg/l	0.005	0.001	1	04/27/22 13:55	04/28/22 10:00	1,9010C/9012B	CS

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

SAMPLE RESULTS

Lab ID: L2219760-03
Client ID: FIELD BLANK
Sample Location: SUFFERN

Date Collected: 04/14/22 11:45
Date Received: 04/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

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	04/27/22 13:55	04/28/22 10:01	1,9010C/9012B	CS

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2
Lab Number: L2219760
Report Date: 05/12/22

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 Batch: WG1631524-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	04/27/22 10:30	04/27/22 13:38	1,9010C/9012B	CS
General Chemistry - Westborough Lab for sample(s): 02-03 Batch: WG1631625-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	04/27/22 13:55	04/28/22 09:19	1,9010C/9012B	CS

Lab Control Sample Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1631524-2 WG1631524-3								
Cyanide, Total	102		104		85-115	2		20
General Chemistry - Westborough Lab Associated sample(s): 02-03 Batch: WG1631625-2 WG1631625-3								
Cyanide, Total	90		86		85-115	5		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

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): 02-03 QC Batch ID: WG1631625-4 WG1631625-5 QC Sample: L2219760-03 Client ID: FIELD BLANK												
Cyanide, Total	ND	0.2	0.207	104		0.204	102		80-120	1		20

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2219760-01A	Vial HCl preserved	A	NA		3.0	Y	Absent		NJ-8260(14),NYTCL-8260(14)
L2219760-01B	Vial HCl preserved	A	NA		3.0	Y	Absent		NJ-8260(14),NYTCL-8260(14)
L2219760-01C	Vial HCl preserved	A	NA		3.0	Y	Absent		NJ-8260(14),NYTCL-8260(14)
L2219760-01D	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NJ-8082-LVI(7),NYTCL-8082-LVI(365)
L2219760-01E	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NJ-8082-LVI(7),NYTCL-8082-LVI(365)
L2219760-01F	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8081(7),NJ-8081(7)
L2219760-01G	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8081(7),NJ-8081(7)
L2219760-01H	Plastic 250ml HNO3 preserved	A	<2	<2	3.0	Y	Absent		FE-6020T(180),BA-6020T(180),TL-6020T(180),CO-6020T-PPB(180),AL-6020T-PPB(180),SE-6020T(180),HG-T-PPB(28),K-6020T(180),CR-6020T(180),BE-6020T-PPB(180),CA-6020T(180),CR-6020T-PPB(180),SB-6020T-PPB(180),CD-6020T-PPB(180),NI-6020T(180),NA-6020T(180),CA-6020T-PPB(180),CU-6020T-PPB(180),ZN-6020T(180),CU-6020T(180),BA-6020T-PPB(180),TL-6020T-PPB(180),PB-6020T(180),AS-6020T-PPB(180),MN-6020T(180),AG-6020T-PPB(180),K-6020T-PPB(180),BE-6020T(180),PB-6020T-PPB(180),FE-6020T-PPB(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),ZN-6020T-PPB(180),MG-6020T-PPB(180),NA-6020T-PPB(180),MG-6020T(180),HG-T(28),NI-6020T-PPB(180),MN-6020T-PPB(180),V-6020T-PPB(180),SE-6020T-PPB(180),CO-6020T(180)
L2219760-01I	Plastic 250ml NaOH preserved	A	>12	>12	3.0	Y	Absent		TCN-9010(14),TCN-9010-PPB(14)
L2219760-01J	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		NJ-8270SIM-TECH-LVI(7),NYTCL-8270-SIM-LVI(7),NJ-8270-LVI(7),NYTCL-8270-LVI(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(*)
L2219760-01K	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		NJ-8270SIM-TECH-LVI(7),NYTCL-8270-SIM-LVI(7),NJ-8270-LVI(7),NYTCL-8270-LVI(7)
L2219760-01L	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2219760-01M	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2219760-01N	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2219760-01O	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2219760-02A	Vial HCl preserved	A	NA		3.0	Y	Absent		NJ-8260(14),NYTCL-8260(14)
L2219760-02B	Vial HCl preserved	A	NA		3.0	Y	Absent		NJ-8260(14),NYTCL-8260(14)
L2219760-02C	Vial HCl preserved	A	NA		3.0	Y	Absent		NJ-8260(14),NYTCL-8260(14)
L2219760-02D	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NJ-8082-LVI(7),NYTCL-8082-LVI(365)
L2219760-02E	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NJ-8082-LVI(7),NYTCL-8082-LVI(365)
L2219760-02F	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8081(7),NJ-8081(7)
L2219760-02G	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8081(7),NJ-8081(7)
L2219760-02H	Plastic 250ml HNO3 preserved	A	<2	<2	3.0	Y	Absent		FE-6020T(180),TL-6020T(180),CO-6020T-PPB(180),SE-6020T(180),BA-6020T(180),AL-6020T-PPB(180),K-6020T(180),CR-6020T(180),CR-6020T-PPB(180),NI-6020T(180),SB-6020T-PPB(180),HG-T-PPB(28),BE-6020T-PPB(180),CA-6020T(180),CD-6020T-PPB(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T-PPB(180),CA-6020T-PPB(180),BA-6020T-PPB(180),PB-6020T(180),TL-6020T-PPB(180),K-6020T-PPB(180),AG-6020T-PPB(180),AS-6020T-PPB(180),PB-6020T-PPB(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),FE-6020T-PPB(180),SB-6020T(180),V-6020T(180),NI-6020T-PPB(180),ZN-6020T-PPB(180),MG-6020T(180),NA-6020T-PPB(180),AG-6020T(180),HG-T(28),MG-6020T-PPB(180),AL-6020T(180),CD-6020T(180),V-6020T-PPB(180),MN-6020T-PPB(180),SE-6020T-PPB(180),CO-6020T(180)
L2219760-02I	Plastic 250ml NaOH preserved	A	>12	>12	3.0	Y	Absent		TCN-9010(14),TCN-9010-PPB(14)
L2219760-02J	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		NJ-8270SIM-TECH-LVI(7),NYTCL-8270-SIM-LVI(7),NJ-8270-LVI(7),NYTCL-8270-LVI(7)
L2219760-02K	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		NJ-8270SIM-TECH-LVI(7),NYTCL-8270-SIM-LVI(7),NJ-8270-LVI(7),NYTCL-8270-LVI(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(*)
L2219760-02L	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2219760-02M	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2219760-02N	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2219760-02O	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2219760-03A	Vial HCl preserved	A	NA		3.0	Y	Absent		NJ-8260(14),NYTCL-8260(14)
L2219760-03B	Vial HCl preserved	A	NA		3.0	Y	Absent		NJ-8260(14),NYTCL-8260(14)
L2219760-03C	Vial HCl preserved	A	NA		3.0	Y	Absent		NJ-8260(14),NYTCL-8260(14)
L2219760-03D	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NJ-8082-LVI(7),NYTCL-8082-LVI(365)
L2219760-03E	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NJ-8082-LVI(7),NYTCL-8082-LVI(365)
L2219760-03F	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8081(7),NJ-8081(7)
L2219760-03G	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8081(7),NJ-8081(7)
L2219760-03H	Plastic 250ml HNO3 preserved	A	<2	<2	3.0	Y	Absent		TL-6020T(180),AL-6020T-PPB(180),SE-6020T(180),FE-6020T(180),BA-6020T(180),CO-6020T-PPB(180),BE-6020T-PPB(180),CA-6020T(180),CD-6020T-PPB(180),HG-T-PPB(28),K-6020T(180),CR-6020T-PPB(180),SB-6020T-PPB(180),NI-6020T(180),CR-6020T(180),CA-6020T-PPB(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),CU-6020T-PPB(180),BA-6020T-PPB(180),TL-6020T-PPB(180),PB-6020T(180),AG-6020T-PPB(180),BE-6020T(180),PB-6020T-PPB(180),K-6020T-PPB(180),MN-6020T(180),AS-6020T-PPB(180),FE-6020T-PPB(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T-PPB(180),AL-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),NI-6020T-PPB(180),ZN-6020T-PPB(180),CD-6020T(180),NA-6020T-PPB(180),MN-6020T-PPB(180),CO-6020T(180),SE-6020T-PPB(180),V-6020T-PPB(180)
L2219760-03I	Plastic 250ml NaOH preserved	A	>12	>12	3.0	Y	Absent		TCN-9010(14),TCN-9010-PPB(14)
L2219760-03J	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		NJ-8270SIM-TECH-LVI(7),NYTCL-8270-SIM-LVI(7),NJ-8270-LVI(7),NYTCL-8270-LVI(7)
L2219760-03K	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		NJ-8270SIM-TECH-LVI(7),NYTCL-8270-SIM-LVI(7),NJ-8270-LVI(7),NYTCL-8270-LVI(7)
L2219760-03L	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2219760-03M	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2219760-03N	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2219760-03O	Plastic 250ml unpreserved	A	NA		3.0	Y	Absent		-
L2219760-04A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2219760-04B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 43-45 LAFAYETTE
Project Number: SO833-2

Lab Number: L2219760
Report Date: 05/12/22

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	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	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
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	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:	43-45 LAFAYETTE	**Lab Number:**	L2219760
Project Number:	SO833-2	**Report Date:**	05/12/22

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:	43-45 LAFAYETTE	**Lab Number:**	L2219760
Project Number:	SO833-2	**Report Date:**	05/12/22

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.

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'.

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.

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.)

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 Identified Compounds (TICs).

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	43-45 LAFAYETTE	**Lab Number:**	L2219760
Project Number:	SO833-2	**Report Date:**	05/12/22

Data Qualifiers

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.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	43-45 LAFAYETTE	**Lab Number:**	L2219760
Project Number:	SO833-2	**Report Date:**	05/12/22

REFERENCES

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

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical 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 Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical 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 Alpha Analytical.

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
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
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.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

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 332: Perchlorate; **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), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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 Alpha Project Manager.

NEW JERSEY CHAIN OF CUSTODY

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

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

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

Page 1 of 1

Date Rec'd in Lab: 4/15/22

ALPHA Job #: L2219760

Client Information

Client: EnviroSure
Address: 621 Shrewsbury Avenue
Shrewsbury, NJ 07702
Phone: 732.741.1110
Fax:
Email: dyna@envirosureinc.com

Project Information

Project Name: 43-45 Lafayette
Project Location: Suffern
Project #: S0833-2
(Use Project name as Project #) ☐
Project Manager: Dyna Ogonowski
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Deliverables

☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Billing Information

☑ Same as Client Info
PO #

Site Information

Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

TCL/TAL + 30 / 1,4 DIOXANE
VOC+15
PFAS

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/TAL + 30 / 1,4 DIOXANE	VOC+15	PFAS	Sample Specific Comments	Total Bottles
19760-01	MW-1	4/14/2022	942	GW	DF	X		XX		15
02	MW-2	4/14/2022	1129	GW	DF	X		XX		15
03	Field Blank	4/14/2022	1145	Blank	DF	X		X		15
04	Trip Blank	4/14/2022	Lab	Blank	DF		X			2

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

Container Type		V								
Preservative		B								

Relinquished By:	Date/Time	Received By:	Date/Time
Donald Finnegan	4/15/2022 1033		4-15-22 1033
	4-15-22 1705		4-15-22 1700
	4-15-22		

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.

Form No: 01-14 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2236623
Client:	EnviroSure, Inc. 621 Shrewsbury Avenue Suite 151 Shrewsbury, NJ 07702
ATTN:	Dyna Krumich-Ogonowski
Phone:	(732) 741-1110
Project Name:	SO1241
Project Number:	SO1241
Report Date:	07/21/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical 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-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: SO1241
Project Number: SO1241

Lab Number: L2236623
Report Date: 07/21/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2236623-01	C-01	SOLID	43-45 LAFAYETTE AVE., SUFFERN, NY	07/08/22 09:10	07/08/22
L2236623-02	C-02	SOLID	43-45 LAFAYETTE AVE., SUFFERN, NY	07/08/22 11:15	07/08/22
L2236623-03	C-03	SOLID	43-45 LAFAYETTE AVE., SUFFERN, NY	07/08/22 12:00	07/08/22
L2236623-04	C-04	SOLID	43-45 LAFAYETTE AVE., SUFFERN, NY	07/08/22 12:45	07/08/22

Project Name:	SO1241	**Lab Number:**	L2236623
Project Number:	SO1241	**Report Date:**	07/21/22

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 Alpha 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, solids and tissues are reported on a dry 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, Alpha'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 Alpha Project Manager and made arrangements for Alpha 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:	SO1241	**Lab Number:**	L2236623
Project Number:	SO1241	**Report Date:**	07/21/22

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

L2236623-01 through -04: The sample was received in an inappropriate container for the TCL Volatiles - EPA 8260C, Total Solids - SM 2540 analysis. An aliquot was taken from an unpreserved container and preserved appropriately.

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: Steven Gniadek

Title: Technical Director/Representative Date: 07/21/22

ORGANICS

VOLATILES

Project Name: SO1241 **Lab Number:** L2236623

Project Number: SO1241 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2236623-01 Date Collected: 07/08/22 09:10
Client ID: C-01 Date Received: 07/08/22
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260C
Analytical Date: 07/18/22 18:37
Analyst: JC
Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	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	0.23	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	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	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: SO1241 **Lab Number:** L2236623

Project Number: SO1241 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2236623-01 Date Collected: 07/08/22 09:10

Client ID: C-01 Date Received: 07/08/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.18	J	ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	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	0.57	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	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	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	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	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	2.0	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	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	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: SO1241 **Lab Number:** L2236623

Project Number: SO1241 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2236623-01 Date Collected: 07/08/22 09:10

Client ID: C-01 Date Received: 07/08/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Tentatively Identified Compounds						
Total TIC Compounds	43.4	J	ug/kg			1
Unknown	6.12	J	ug/kg			1
Unknown	31.0	J	ug/kg			1
Unknown Organic Acid	3.99	J	ug/kg			1
Unknown	2.24	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: SO1241 **Lab Number:** L2236623

Project Number: SO1241 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2236623-02 Date Collected: 07/08/22 11:15
Client ID: C-02 Date Received: 07/08/22
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260C
Analytical Date: 07/18/22 18:58
Analyst: JC
Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	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	0.27	1
Tetrachloroethene	0.36	J	ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	0.67	J	ug/kg	1.0	0.56	1
Ethylbenzene	0.17	J	ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	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: SO1241 **Lab Number:** L2236623

Project Number: SO1241 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2236623-02 Date Collected: 07/08/22 11:15

Client ID: C-02 Date Received: 07/08/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.24	J	ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.21	1
p/m-Xylene	0.72	J	ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	0.72	J	ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	0.26	J	ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	0.26	J	ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	0.21	J	ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	6.8	J	ug/kg	10	4.9	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	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	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	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	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	0.12	J	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: SO1241 **Lab Number:** L2236623

Project Number: SO1241 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2236623-02 Date Collected: 07/08/22 11:15

Client ID: C-02 Date Received: 07/08/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	0.34	J	ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	183	J	ug/kg			1
Unknown	2.52	J	ug/kg			1
Unknown	83.6	J	ug/kg			1
Unknown	15.2	J	ug/kg			1
1-Butanol	7.48	NJ	ug/kg			1
Unknown	73.8	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Project Name: SO1241 **Lab Number:** L2236623

Project Number: SO1241 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2236623-03 Date Collected: 07/08/22 12:00
Client ID: C-03 Date Received: 07/08/22
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260C
Analytical Date: 07/18/22 19:19
Analyst: JC
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	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	0.13	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	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	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	0.29	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	4.3	0.26	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	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	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: SO1241 **Lab Number:** L2236623

Project Number: SO1241 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2236623-03 Date Collected: 07/08/22 12:00

Client ID: C-03 Date Received: 07/08/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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/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	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	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	0.99	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	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	0.20	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	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	4.3	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: SO1241 **Lab Number:** L2236623

Project Number: SO1241 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2236623-03 Date Collected: 07/08/22 12:00

Client ID: C-03 Date Received: 07/08/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.29	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	86	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.20	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				
Total TIC Compounds	52.4	J	ug/kg	1
7-Octen-2-ol, 2,6-dimethyl-	2.98	NJ	ug/kg	1
Butylated Hydroxytoluene	3.10	NJ	ug/kg	1
Unknown	10.1	J	ug/kg	1
1-Hexanol, 2-ethyl-	6.76	NJ	ug/kg	1
Unknown	2.30	J	ug/kg	1
Unknown Organic Acid	15.9	J	ug/kg	1
Unknown	11.3	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: SO1241 **Lab Number:** L2236623

Project Number: SO1241 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2236623-04 Date Collected: 07/08/22 12:45
Client ID: C-04 Date Received: 07/08/22
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260C
Analytical Date: 07/18/22 19:41
Analyst: JC
Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	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	0.95	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	0.95	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	0.23	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	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: SO1241 **Lab Number:** L2236623

Project Number: SO1241 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2236623-04 Date Collected: 07/08/22 12:45

Client ID: C-04 Date Received: 07/08/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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/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	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	220		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	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	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	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	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: SO1241 **Lab Number:** L2236623

Project Number: SO1241 **Report Date:** 07/21/22

SAMPLE RESULTS

Lab ID: L2236623-04 Date Collected: 07/08/22 12:45

Client ID: C-04 Date Received: 07/08/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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/kg	0.95	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	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	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	4.8	1.3	1
Tentatively Identified Compounds						
Total TIC Compounds	275	J	ug/kg			1
Unknown	27.2	J	ug/kg			1
Unknown	7.73	J	ug/kg			1
Unknown	203	J	ug/kg			1
Unknown	19.5	J	ug/kg			1
Butylated Hydroxytoluene	17.8	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	99		70-130

Project Name: SO1241 **Lab Number:** L2236623

Project Number: SO1241 **Report Date:** 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/18/22 12:49
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1664756-5					
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: SO1241 **Lab Number:** L2236623

Project Number: SO1241 **Report Date:** 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/18/22 12:49
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1664756-5					
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: SO1241 **Lab Number:** L2236623

Project Number: SO1241 **Report Date:** 07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/18/22 12:49
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1664756-5					
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	4.29	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	2.05	NJ	ug/kg
Unknown	2.24	J	ug/kg

Project Name:	SO1241	**Lab Number:**	L2236623
Project Number:	SO1241	**Report Date:**	07/21/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/18/22 12:49
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1664756-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SO1241
Project Number: SO1241

Lab Number: L2236623
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1664756-3 WG1664756-4								
Methylene chloride	106		104		70-130	2		30
1,1-Dichloroethane	106		102		70-130	4		30
Chloroform	104		102		70-130	2		30
Carbon tetrachloride	104		102		70-130	2		30
1,2-Dichloropropane	107		104		70-130	3		30
Dibromochloromethane	100		100		70-130	0		30
1,1,2-Trichloroethane	102		101		70-130	1		30
Tetrachloroethene	106		104		70-130	2		30
Chlorobenzene	102		100		70-130	2		30
Trichlorofluoromethane	107		105		70-139	2		30
1,2-Dichloroethane	104		101		70-130	3		30
1,1,1-Trichloroethane	106		104		70-130	2		30
Bromodichloromethane	103		102		70-130	1		30
trans-1,3-Dichloropropene	102		100		70-130	2		30
cis-1,3-Dichloropropene	105		102		70-130	3		30
1,1-Dichloropropene	111		110		70-130	1		30
Bromoform	93		93		70-130	0		30
1,1,2,2-Tetrachloroethane	96		94		70-130	2		30
Benzene	105		104		70-130	1		30
Toluene	100		99		70-130	1		30
Ethylbenzene	105		103		70-130	2		30
Chloromethane	102		99		52-130	3		30
Bromomethane	116		113		57-147	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SO1241
Project Number: SO1241

Lab Number: L2236623
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1664756-3 WG1664756-4								
Vinyl chloride	109		105		67-130	4		30
Chloroethane	107		106		50-151	1		30
1,1-Dichloroethene	103		102		65-135	1		30
trans-1,2-Dichloroethene	104		103		70-130	1		30
Trichloroethene	110		109		70-130	1		30
1,2-Dichlorobenzene	99		98		70-130	1		30
1,3-Dichlorobenzene	100		98		70-130	2		30
1,4-Dichlorobenzene	98		98		70-130	0		30
Methyl tert butyl ether	100		100		66-130	0		30
p/m-Xylene	104		103		70-130	1		30
o-Xylene	102		101		70-130	1		30
cis-1,2-Dichloroethene	104		100		70-130	4		30
Dibromomethane	98		98		70-130	0		30
Styrene	103		102		70-130	1		30
Dichlorodifluoromethane	104		100		30-146	4		30
Acetone	118		129		54-140	9		30
Carbon disulfide	106		104		59-130	2		30
2-Butanone	94		89		70-130	5		30
Vinyl acetate	101		95		70-130	6		30
4-Methyl-2-pentanone	97		98		70-130	1		30
1,2,3-Trichloropropane	99		98		68-130	1		30
2-Hexanone	96		95		70-130	1		30
Bromochloromethane	100		99		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SO1241
Project Number: SO1241

Lab Number: L2236623
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1664756-3 WG1664756-4								
2,2-Dichloropropane	105		102		70-130	3		30
1,2-Dibromoethane	101		101		70-130	0		30
1,3-Dichloropropane	102		100		69-130	2		30
1,1,1,2-Tetrachloroethane	102		101		70-130	1		30
Bromobenzene	100		98		70-130	2		30
n-Butylbenzene	108		106		70-130	2		30
sec-Butylbenzene	107		104		70-130	3		30
tert-Butylbenzene	104		101		70-130	3		30
o-Chlorotoluene	122		119		70-130	2		30
p-Chlorotoluene	104		101		70-130	3		30
1,2-Dibromo-3-chloropropane	88		90		68-130	2		30
Hexachlorobutadiene	102		102		67-130	0		30
Isopropylbenzene	104		102		70-130	2		30
p-Isopropyltoluene	107		105		70-130	2		30
Naphthalene	98		98		70-130	0		30
Acrylonitrile	96		96		70-130	0		30
n-Propylbenzene	106		103		70-130	3		30
1,2,3-Trichlorobenzene	99		97		70-130	2		30
1,2,4-Trichlorobenzene	101		100		70-130	1		30
1,3,5-Trimethylbenzene	103		102		70-130	1		30
1,2,4-Trimethylbenzene	104		102		70-130	2		30
1,4-Dioxane	104		107		65-136	3		30
p-Diethylbenzene	106		104		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SO1241
Project Number: SO1241

Lab Number: L2236623
Report Date: 07/21/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1664756-3 WG1664756-4								
p-Ethyltoluene	105		103		70-130	2		30
1,2,4,5-Tetramethylbenzene	105		103		70-130	2		30
Ethyl ether	101		101		67-130	0		30
trans-1,4-Dichloro-2-butene	100		99		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		104		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	96		100		70-130

INORGANICS
&
MISCELLANEOUS

Project Name: SO1241
Project Number: SO1241

Lab Number: L2236623
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2236623-01
Client ID: C-01
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 07/08/22 09:10
Date Received: 07/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Solid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.5		%	0.100	NA	1	-	07/14/22 12:53	121,2540G	RI

Project Name: SO1241
Project Number: SO1241

Lab Number: L2236623
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2236623-02
Client ID: C-02
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 07/08/22 11:15
Date Received: 07/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Solid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.6		%	0.100	NA	1	-	07/14/22 12:53	121,2540G	RI

Project Name: SO1241
Project Number: SO1241

Lab Number: L2236623
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2236623-03
Client ID: C-03
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 07/08/22 12:00
Date Received: 07/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Solid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.4		%	0.100	NA	1	-	07/14/22 12:53	121,2540G	RI

Project Name: SO1241
Project Number: SO1241

Lab Number: L2236623
Report Date: 07/21/22

SAMPLE RESULTS

Lab ID: L2236623-04
Client ID: C-04
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 07/08/22 12:45
Date Received: 07/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Solid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.6		%	0.100	NA	1	-	07/14/22 12:53	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: SO1241
Project Number: SO1241

Lab Number: L2236623
Report Date: 07/21/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1662933-1 QC Sample: L2236765-02 Client ID: DUP Sample						
Solids, Total	87.9	88.1	%	0		20

Project Name: SO1241
Project Number: SO1241

Lab Number: L2236623
Report Date: 07/21/22

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(*)
L2236623-01A	Vial Large Septa unpreserved (4oz)	A	NA		2.4	Y	Absent		TS(7),NYTCL-8260(14)
L2236623-01X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2236623-01Y	Vial Water preserved split	A	NA		2.4	Y	Absent	**15-JUL-22 14:43**	NYTCL-8260(14)
L2236623-01Z	Vial Water preserved split	A	NA		2.4	Y	Absent	**15-JUL-22 14:43**	NYTCL-8260(14)
L2236623-02A	Vial Large Septa unpreserved (4oz)	A	NA		2.4	Y	Absent		TS(7),NYTCL-8260(14)
L2236623-02X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2236623-02Y	Vial Water preserved split	A	NA		2.4	Y	Absent	**15-JUL-22 14:43**	NYTCL-8260(14)
L2236623-02Z	Vial Water preserved split	A	NA		2.4	Y	Absent	**15-JUL-22 14:43**	NYTCL-8260(14)
L2236623-03A	Vial Large Septa unpreserved (4oz)	A	NA		2.4	Y	Absent		TS(7),NYTCL-8260(14)
L2236623-03X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2236623-03Y	Vial Water preserved split	A	NA		2.4	Y	Absent	**15-JUL-22 14:43**	NYTCL-8260(14)
L2236623-03Z	Vial Water preserved split	A	NA		2.4	Y	Absent	**15-JUL-22 14:43**	NYTCL-8260(14)
L2236623-04A	Vial Large Septa unpreserved (4oz)	A	NA		2.4	Y	Absent		TS(7),NYTCL-8260(14)
L2236623-04X	Vial MeOH preserved split	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2236623-04Y	Vial Water preserved split	A	NA		2.4	Y	Absent	**15-JUL-22 14:43**	NYTCL-8260(14)
L2236623-04Z	Vial Water preserved split	A	NA		2.4	Y	Absent	**15-JUL-22 14:43**	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	SO1241	**Lab Number:**	L2236623
Project Number:	SO1241	**Report Date:**	07/21/22

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:	SO1241	**Lab Number:**	L2236623
Project Number:	SO1241	**Report Date:**	07/21/22

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:	SO1241	**Lab Number:**	L2236623
Project Number:	SO1241	**Report Date:**	07/21/22

Data Qualifiers

Identified Compounds (TICs).

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:	SO1241	**Lab Number:**	L2236623
Project Number:	SO1241	**Report Date:**	07/21/22

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

Alpha Analytical 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 Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical 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 Alpha Analytical.

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
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
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.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

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 332: Perchlorate; **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), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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 Alpha 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: 7/09/22

ALPHA Job #: L2236023

Client Information
Client: ENVIROSURE INC.
Address: 319 S. High Street
West Chester, PA 19382
Phone: 610-696-8980
Fax: dyna
Email: dyna@envirosureinc.com

Project Information
Project Name: S01241
Project Location: 43-45 Lafayette Ave, Suffern, NY
Project #: S01241
(Use Project name as Project #) ☒
Project Manager: Dyna Krumich-Ogonowski
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:
X=RUN

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 # S01241

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	VOCs + TAL Metals	Identified Compounds	Sample Specific Comments
36623-01	C-01	7/8/22	910	Concrete	DG	X		
-02	C-02		1115			X		
-03	C-03		1200			X		
-04	C-04		1745			X		

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

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Robert Grathwell	7/8/2022 1500		7/8/22 1602
	7/8/22 1800		7/8/22 1800
	7-8-22 2144		7/8/22 2300
	7/8/22		7/8/22 2310
GL AHC	7/9/22 0050	Wendy Maney	7/9/22 00:50

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:	L2202232
Client:	EnviroSure, Inc. 621 Shrewsbury Avenue Suite 151 Shrewsbury, NJ 07702
ATTN:	Dyna Krumich-Ogonowski
Phone:	(732) 741-1110
Project Name:	501241
Project Number:	S01241
Report Date:	02/25/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical 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-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2202232-01	SB-01-12.0-12.5	SOIL	43-45 LAFAYETTE AVE., SUFFERN, NY	01/13/22 09:15	01/14/22
L2202232-02	SB-01-13.5-14.0	SOIL	43-45 LAFAYETTE AVE., SUFFERN, NY	01/13/22 09:30	01/14/22
L2202232-03	SB-01-14.5-15.0	SOIL	43-45 LAFAYETTE AVE., SUFFERN, NY	01/13/22 09:40	01/14/22
L2202232-04	SB-04-9.5-10.0	SOIL	43-45 LAFAYETTE AVE., SUFFERN, NY	01/13/22 10:05	01/14/22
L2202232-05	SB-04-12.0-12.5	SOIL	43-45 LAFAYETTE AVE., SUFFERN, NY	01/13/22 10:15	01/14/22
L2202232-06	SB-04-15.5-16.0	SOIL	43-45 LAFAYETTE AVE., SUFFERN, NY	01/13/22 10:25	01/14/22
L2202232-07	SB-05-9.0-9.5	SOIL	43-45 LAFAYETTE AVE., SUFFERN, NY	01/13/22 10:55	01/14/22
L2202232-08	DUP-011322	SOIL	43-45 LAFAYETTE AVE., SUFFERN, NY	01/13/22 11:00	01/14/22
L2202232-09	SB-05-11.5-12.0	SOIL	43-45 LAFAYETTE AVE., SUFFERN, NY	01/13/22 11:20	01/14/22
L2202232-10	SB-05-15.5-16.0	SOIL	43-45 LAFAYETTE AVE., SUFFERN, NY	01/13/22 11:30	01/14/22
L2202232-11	SB-06-9.0-9.5	SOIL	43-45 LAFAYETTE AVE., SUFFERN, NY	01/13/22 11:50	01/14/22
L2202232-12	SB-06-10.5-11.0	SOIL	43-45 LAFAYETTE AVE., SUFFERN, NY	01/13/22 12:00	01/14/22
L2202232-13	SB-06-12.5-13.0	SOIL	43-45 LAFAYETTE AVE., SUFFERN, NY	01/13/22 12:20	01/14/22
L2202232-14	SB-07-9.0-9.5	SOIL	43-45 LAFAYETTE AVE., SUFFERN, NY	01/13/22 12:35	01/14/22
L2202232-15	SB-07-11.5-12.0	SOIL	43-45 LAFAYETTE AVE., SUFFERN, NY	01/13/22 12:50	01/14/22
L2202232-16	SB-07-13.5-14.0	SOIL	43-45 LAFAYETTE AVE., SUFFERN, NY	01/13/22 13:00	01/14/22
L2202232-17	FB-01132022	WATER	43-45 LAFAYETTE AVE., SUFFERN, NY	01/13/22 00:00	01/14/22

Project Name:	501241	**Lab Number:**	L2202232
Project Number:	S01241	**Report Date:**	02/25/22

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 Alpha 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, solids and tissues are reported on a dry 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, Alpha'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 Alpha Project Manager and made arrangements for Alpha 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:	501241	**Lab Number:**	L2202232
Project Number:	S01241	**Report Date:**	02/25/22

Case Narrative (continued)

Report Submission

February 25, 2022: This final report includes the results of all requested analyses.

January 31, 2022: This preliminary report includes the amended Client ID on L2202232-07.

January 28, 2022: This is a preliminary report.

January 21, 2022: 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

L2202232-17: A sample identified as "FB-01132022" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

Volatile Organics

L2202232-11: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (311%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

Perfluorinated Alkyl Acids by Isotope Dilution

L2202232-01, -04, -11, WG1595027-2: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2202232-01, -07, -08, and -11: The MeOH fraction of the extraction is reported for perfluorooctanesulfonamide (fosa) due to better extraction efficiency of the perfluoro[13c8]octanesulfonamide (m8fosa) Extracted Internal Standard.

WG1596550-1R and WG1596550-2R: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.

Project Name:	501241	**Lab Number:**	L2202232
Project Number:	S01241	**Report Date:**	02/25/22

Case Narrative (continued)

Total Metals

L2202232-01, -04, -07, -08, -11 and -14: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1595298-1 Method Blank, associated with L2202232-01, -04, -07, -08, -11, and -14, has concentrations above the reporting limits for barium and iron. Since the associated sample concentrations are either greater than 10x the blank concentrations 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".

The WG1595298-3 MS recoveries for aluminum (1860%) and iron (2120%) performed on L2202232-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1595298-3 MS recoveries, performed on L2202232-01, are outside the acceptance criteria for antimony (70%), cobalt (65%), nickel (68%), thallium (54%) and vanadium (73%). A post digestion spike was performed and yielded unacceptable recoveries for antimony (76%), cobalt (67%), nickel (68%), thallium (69%) and vanadium (73%). The serial dilution recoveries were not applicable; therefore, these elements fail the matrix test and the results reported in the native sample should be considered estimated.

The WG1595298-3 MS recoveries, performed on L2202232-01, are outside the acceptance criteria for arsenic (65%), lead (64%) and selenium (66%). A post digestion spike was performed and was within acceptance criteria.

The WG1595298-3 MS recovery, performed on L2202232-01, is outside the acceptance criteria for calcium (19%). A post digestion spike was performed and yielded an unacceptable recovery for calcium (72%). The serial dilution recovery was not acceptable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

The WG1595298-4 Laboratory Duplicate RPD for calcium (35%), performed on L2202232-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

The WG1595298-6 serial dilution analysis, associated with L2202232-01, had a %D above the acceptance criteria for aluminum (22%), calcium (25%), iron (30%), magnesium (27%) and manganese (24%).

Project Name:	501241	**Lab Number:**	L2202232
Project Number:	S01241	**Report Date:**	02/25/22

Case Narrative (continued)

Cyanide, Total

The WG1595500-2/-3 LCS/LCSD recoveries for cyanide, total (66%/74%), associated with L2202232-01, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1596281-2 LCS recovery for cyanide, total (68%), associated with L2202232-04, -07, -08, -11, and -14, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported. The LCS/LCSD RPD is above the acceptance criteria for cyanide, total (56%).

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: 02/25/22

ORGANICS

VOLATILES

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-01
Client ID: SB-01-12.0-12.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 09:15
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/18/22 15:38
Analyst: AJK
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	3.4		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	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	0.95	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	3.8	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	0.95	0.51	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	0.37	J	ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-01 Date Collected: 01/13/22 09:15

Client ID: SB-01-12.0-12.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.38	J	ug/kg	0.47	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	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	0.94	J	ug/kg	0.95	0.16	1
1,2-Dichloroethene, Total	0.94	J	ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.95	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	ND		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	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	0.95	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	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	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	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-01 Date Collected: 01/13/22 09:15

Client ID: SB-01-12.0-12.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	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	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	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	9.94	J	ug/kg			1
Unknown	9.94	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	113		70-130

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-04
Client ID: SB-04-9.5-10.0
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 10:05
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/18/22 15:58
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	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	1.4		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	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	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	0.65	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: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-04 Date Collected: 01/13/22 10:05

Client ID: SB-04-9.5-10.0 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	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	0.19	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	0.19	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: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-04 Date Collected: 01/13/22 10:05

Client ID: SB-04-9.5-10.0 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	0.22	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	10.3	J	ug/kg			1
Unknown	10.3	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	113		70-130

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-07
Client ID: SB-05-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 10:55
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/18/22 16:19
Analyst: AJK
Percent Solids: 83%

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	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	3.3		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	0.95	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	0.95	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	0.23	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	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-07 Date Collected: 01/13/22 10:55

Client ID: SB-05-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.33	J	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	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	0.27	J	ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	0.27	J	ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	ND		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	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	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	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	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-07 Date Collected: 01/13/22 10:55

Client ID: SB-05-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	0.95	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	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	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	4.8	1.4	1
Tentatively Identified Compounds						
Total TIC Compounds	10.5	J	ug/kg			1
Unknown	10.5	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	114		70-130

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-08 Date Collected: 01/13/22 11:00

Client ID: DUP-011322 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 01/18/22 16:39

Analyst: AJK

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	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	3.7		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	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	3.8	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	3.8	0.88	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: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-08 Date Collected: 01/13/22 11:00

Client ID: DUP-011322 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.31	J	ug/kg	0.47	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	0.53	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	0.18	J	ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	0.18	J	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	6.6	J	ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	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	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	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	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-08 Date Collected: 01/13/22 11:00

Client ID: DUP-011322 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	0.26	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	0.17	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	13.2	J	ug/kg			1
Unknown	13.2	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	119		70-130

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-11
Client ID: SB-06-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 11:50
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/19/22 16:09
Analyst: KJD
Percent Solids: 82%

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	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	110		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	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	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	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: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-11 Date Collected: 01/13/22 11:50

Client ID: SB-06-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	9.8		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	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	11		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	11		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	17		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	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	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	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	1.0	0.17	1
sec-Butylbenzene	11		ug/kg	1.0	0.15	1
tert-Butylbenzene	1.2	J	ug/kg	2.0	0.12	1
o-Chlorotoluene	1.1	J	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	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	0.87	J	ug/kg	1.0	0.11	1
p-Isopropyltoluene	1.1		ug/kg	1.0	0.11	1
Naphthalene	1.7	J	ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-11 Date Collected: 01/13/22 11:50

Client ID: SB-06-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	0.17	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	0.34	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	4.3		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	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	768	J	ug/kg			1
Unknown	82.7	J	ug/kg			1
Undecane, 5-methyl-	70.5	NJ	ug/kg			1
Unknown Cyclohexane	70.3	J	ug/kg			1
Unknown Cycloalkane	67.3	J	ug/kg			1
Unknown Alkane	64.0	J	ug/kg			1
Decane, 4-methyl-	93.1	NJ	ug/kg			1
Unknown	65.5	J	ug/kg			1
Unknown	102	J	ug/kg			1
Unknown	81.9	J	ug/kg			1
Unknown	71.0	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	**311**	Q	70-130
Dibromofluoromethane	103		70-130

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-14
Client ID: SB-07-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 12:35
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/18/22 16:59
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.84	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.84	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.84	0.10	1
Dibromochloromethane	ND		ug/kg	0.84	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.84	0.22	1
Tetrachloroethene	2.6		ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.84	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.42	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.84	0.46	1
Ethylbenzene	ND		ug/kg	0.84	0.12	1
Chloromethane	ND		ug/kg	3.4	0.78	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.84	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.84	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-14 Date Collected: 01/13/22 12:35

Client ID: SB-07-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	0.42	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.47	1
o-Xylene	ND		ug/kg	0.84	0.24	1
Xylenes, Total	ND		ug/kg	0.84	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.84	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.84	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.77	1
Acetone	ND		ug/kg	8.4	4.0	1
Carbon disulfide	ND		ug/kg	8.4	3.8	1
2-Butanone	ND		ug/kg	8.4	1.9	1
Vinyl acetate	ND		ug/kg	8.4	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.4	0.99	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.84	0.23	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.42	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.84	0.14	1
sec-Butylbenzene	ND		ug/kg	0.84	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	2.5	0.84	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	ND		ug/kg	0.84	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.84	0.09	1
Naphthalene	ND		ug/kg	3.4	0.55	1
Acrylonitrile	ND		ug/kg	3.4	0.97	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-14 Date Collected: 01/13/22 12:35

Client ID: SB-07-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	0.84	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	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	67	30.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.32	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	4.2	1.2	1
Tentatively Identified Compounds						
Total TIC Compounds	8.91	J	ug/kg			1
Unknown	8.91	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	116		70-130

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/18/22 12:01
Analyst: KTD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,04,07-08,14 Batch: WG1595756-5					
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: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/18/22 12:01
Analyst: KTD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,04,07-08,14 Batch: WG1595756-5					
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	3.4	J	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: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/18/22 12:01
Analyst: KTD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,04,07-08,14 Batch: WG1595756-5					
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	14.6	J	ug/kg
Unknown	4.86	J	ug/kg
Unknown	9.78	J	ug/kg

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/18/22 12:01
Analyst: KTD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,04,07-08,14 Batch: WG1595756-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	107		70-130

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/19/22 08:21
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11 Batch: WG1595784-5					
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: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/19/22 08:21
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11 Batch: WG1595784-5					
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: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/19/22 08:21
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11 Batch: WG1595784-5					
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: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/19/22 08:21
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11 Batch: WG1595784-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,04,07-08,14 Batch: WG1595756-3 WG1595756-4								
Methylene chloride	85		92		70-130	8		30
1,1-Dichloroethane	79		91		70-130	14		30
Chloroform	85		91		70-130	7		30
Carbon tetrachloride	92		98		70-130	6		30
1,2-Dichloropropane	86		90		70-130	5		30
Dibromochloromethane	88		93		70-130	6		30
1,1,2-Trichloroethane	85		88		70-130	3		30
Tetrachloroethene	88		94		70-130	7		30
Chlorobenzene	85		90		70-130	6		30
Trichlorofluoromethane	91		99		70-139	8		30
1,2-Dichloroethane	83		87		70-130	5		30
1,1,1-Trichloroethane	91		97		70-130	6		30
Bromodichloromethane	87		92		70-130	6		30
trans-1,3-Dichloropropene	86		89		70-130	3		30
cis-1,3-Dichloropropene	86		91		70-130	6		30
1,1-Dichloropropene	87		93		70-130	7		30
Bromoform	72		72		70-130	0		30
1,1,2,2-Tetrachloroethane	85		83		70-130	2		30
Benzene	87		93		70-130	7		30
Toluene	84		90		70-130	7		30
Ethylbenzene	86		92		70-130	7		30
Chloromethane	84		91		52-130	8		30
Bromomethane	89		92		57-147	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,04,07-08,14 Batch: WG1595756-3 WG1595756-4								
Vinyl chloride	86		92		67-130	7		30
Chloroethane	85		93		50-151	9		30
1,1-Dichloroethene	86		93		65-135	8		30
trans-1,2-Dichloroethene	84		92		70-130	9		30
Trichloroethene	90		97		70-130	7		30
1,2-Dichlorobenzene	84		86		70-130	2		30
1,3-Dichlorobenzene	86		88		70-130	2		30
1,4-Dichlorobenzene	85		87		70-130	2		30
Methyl tert butyl ether	75		82		66-130	9		30
p/m-Xylene	90		95		70-130	5		30
o-Xylene	87		93		70-130	7		30
cis-1,2-Dichloroethene	82		86		70-130	5		30
Dibromomethane	83		86		70-130	4		30
Styrene	92		97		70-130	5		30
Dichlorodifluoromethane	80		84		30-146	5		30
Acetone	89		92		54-140	3		30
Carbon disulfide	87		93		59-130	7		30
2-Butanone	82		83		70-130	1		30
Vinyl acetate	79		85		70-130	7		30
4-Methyl-2-pentanone	81		78		70-130	4		30
1,2,3-Trichloropropane	82		81		68-130	1		30
2-Hexanone	80		79		70-130	1		30
Bromochloromethane	88		90		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,04,07-08,14 Batch: WG1595756-3 WG1595756-4								
2,2-Dichloropropane	86		93		70-130	8		30
1,2-Dibromoethane	86		89		70-130	3		30
1,3-Dichloropropane	85		89		69-130	5		30
1,1,1,2-Tetrachloroethane	87		92		70-130	6		30
Bromobenzene	81		84		70-130	4		30
n-Butylbenzene	92		96		70-130	4		30
sec-Butylbenzene	89		93		70-130	4		30
tert-Butylbenzene	86		91		70-130	6		30
o-Chlorotoluene	87		90		70-130	3		30
p-Chlorotoluene	85		89		70-130	5		30
1,2-Dibromo-3-chloropropane	80		75		68-130	6		30
Hexachlorobutadiene	85		90		67-130	6		30
Isopropylbenzene	85		89		70-130	5		30
p-Isopropyltoluene	89		94		70-130	5		30
Naphthalene	78		78		70-130	0		30
Acrylonitrile	78		86		70-130	10		30
n-Propylbenzene	87		91		70-130	4		30
1,2,3-Trichlorobenzene	83		84		70-130	1		30
1,2,4-Trichlorobenzene	83		86		70-130	4		30
1,3,5-Trimethylbenzene	88		92		70-130	4		30
1,2,4-Trimethylbenzene	86		90		70-130	5		30
1,4-Dioxane	96		93		65-136	3		30
p-Diethylbenzene	88		92		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,04,07-08,14 Batch: WG1595756-3 WG1595756-4								
p-Ethyltoluene	86		90		70-130	5		30
1,2,4,5-Tetramethylbenzene	77		80		70-130	4		30
Ethyl ether	84		86		67-130	2		30
trans-1,4-Dichloro-2-butene	82		85		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		101		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	104		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11 Batch: WG1595784-3 WG1595784-4								
Methylene chloride	81		80		70-130	1		30
1,1-Dichloroethane	85		84		70-130	1		30
Chloroform	87		86		70-130	1		30
Carbon tetrachloride	84		84		70-130	0		30
1,2-Dichloropropane	92		92		70-130	0		30
Dibromochloromethane	86		88		70-130	2		30
1,1,2-Trichloroethane	99		99		70-130	0		30
Tetrachloroethene	94		93		70-130	1		30
Chlorobenzene	92		92		70-130	0		30
Trichlorofluoromethane	75		75		70-139	0		30
1,2-Dichloroethane	88		89		70-130	1		30
1,1,1-Trichloroethane	88		87		70-130	1		30
Bromodichloromethane	90		92		70-130	2		30
trans-1,3-Dichloropropene	88		88		70-130	0		30
cis-1,3-Dichloropropene	86		86		70-130	0		30
1,1-Dichloropropene	92		91		70-130	1		30
Bromoform	88		88		70-130	0		30
1,1,2,2-Tetrachloroethane	101		104		70-130	3		30
Benzene	90		89		70-130	1		30
Toluene	89		88		70-130	1		30
Ethylbenzene	91		90		70-130	1		30
Chloromethane	78		76		52-130	3		30
Bromomethane	73		72		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11 Batch: WG1595784-3 WG1595784-4								
Vinyl chloride	76		74		67-130	3		30
Chloroethane	77		75		50-151	3		30
1,1-Dichloroethene	78		77		65-135	1		30
trans-1,2-Dichloroethene	82		82		70-130	0		30
Trichloroethene	92		91		70-130	1		30
1,2-Dichlorobenzene	92		93		70-130	1		30
1,3-Dichlorobenzene	92		93		70-130	1		30
1,4-Dichlorobenzene	93		93		70-130	0		30
Methyl tert butyl ether	100		101		66-130	1		30
p/m-Xylene	94		93		70-130	1		30
o-Xylene	93		92		70-130	1		30
cis-1,2-Dichloroethene	85		84		70-130	1		30
Dibromomethane	86		87		70-130	1		30
Styrene	94		93		70-130	1		30
Dichlorodifluoromethane	61		59		30-146	3		30
Acetone	85		89		54-140	5		30
Carbon disulfide	70		70		59-130	0		30
2-Butanone	85		93		70-130	9		30
Vinyl acetate	93		94		70-130	1		30
4-Methyl-2-pentanone	90		94		70-130	4		30
1,2,3-Trichloropropane	96		100		68-130	4		30
2-Hexanone	97		100		70-130	3		30
Bromochloromethane	86		87		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11 Batch: WG1595784-3 WG1595784-4								
2,2-Dichloropropane	86		85		70-130	1		30
1,2-Dibromoethane	87		88		70-130	1		30
1,3-Dichloropropane	99		100		69-130	1		30
1,1,1,2-Tetrachloroethane	89		89		70-130	0		30
Bromobenzene	95		96		70-130	1		30
n-Butylbenzene	92		93		70-130	1		30
sec-Butylbenzene	92		93		70-130	1		30
tert-Butylbenzene	93		93		70-130	0		30
o-Chlorotoluene	94		95		70-130	1		30
p-Chlorotoluene	95		95		70-130	0		30
1,2-Dibromo-3-chloropropane	80		85		68-130	6		30
Hexachlorobutadiene	91		91		67-130	0		30
Isopropylbenzene	94		94		70-130	0		30
p-Isopropyltoluene	92		94		70-130	2		30
Naphthalene	96		98		70-130	2		30
Acrylonitrile	91		91		70-130	0		30
n-Propylbenzene	95		94		70-130	1		30
1,2,3-Trichlorobenzene	93		94		70-130	1		30
1,2,4-Trichlorobenzene	93		93		70-130	0		30
1,3,5-Trimethylbenzene	92		92		70-130	0		30
1,2,4-Trimethylbenzene	92		93		70-130	1		30
1,4-Dioxane	97		103		65-136	6		30
p-Diethylbenzene	92		92		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11 Batch: WG1595784-3 WG1595784-4								
p-Ethyltoluene	94		95		70-130	1		30
1,2,4,5-Tetramethylbenzene	95		93		70-130	2		30
Ethyl ether	87		88		67-130	1		30
trans-1,4-Dichloro-2-butene	96		99		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		96		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	103		104		70-130
Dibromofluoromethane	92		93		70-130

SEMIVOLATILES

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-01
Client ID: SB-01-12.0-12.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 09:15
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/20/22 13:19
Analyst: JRW
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 19:48

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	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	35.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	35.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	71.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-01 Date Collected: 01/13/22 09:15

Client ID: SB-01-12.0-12.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	85.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	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	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	440	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-01 Date Collected: 01/13/22 09:15

Client ID: SB-01-12.0-12.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	670	210	1
Benzyl Alcohol	ND		ug/kg	210	63.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	63		18-120

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-01
Client ID: SB-01-12.0-12.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 09:15
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/21/22 18:02
Analyst: RS
Percent Solids: 80%

Extraction Method: ALPHA 23528
Extraction Date: 01/21/22 07:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.597	0.027	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.597	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.299	0.047	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.597	0.063	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.299	0.054	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.299	0.072	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.299	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.243	J	ng/g	0.597	0.214	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.597	0.163	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.299	0.090	1
Perfluorooctanesulfonic Acid (PFOS)	0.211	J	ng/g	0.299	0.155	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.299	0.080	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.597	0.343	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.597	0.241	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.597	0.056	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.597	0.183	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.597	0.101	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.597	0.084	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.597	0.244	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.597	0.065	1
PFOA/PFOS, Total	0.211	J	ng/g	0.299	0.050	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-01 Date Collected: 01/13/22 09:15

Client ID: SB-01-12.0-12.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	83		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	88		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	81		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	83		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	95		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	83		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	89		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	91		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**27**	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	94		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**33**	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	79		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	67		24-159

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-01
Client ID: SB-01-12.0-12.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 09:15
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/24/22 10:59
Analyst: RS
Percent Solids: 80%

Extraction Method: ALPHA 23528
Extraction Date: 01/21/22 07:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.597	0.117	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	107		10-117

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-04
Client ID: SB-04-9.5-10.0
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 10:05
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/21/22 11:09
Analyst: CMM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 19:48

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	110	21.	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	33.	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	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	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	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	29.	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: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-04 Date Collected: 01/13/22 10:05

Client ID: SB-04-9.5-10.0 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	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	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	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	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	79.	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	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	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	91.	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	270	30.	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-04 Date Collected: 01/13/22 10:05

Client ID: SB-04-9.5-10.0 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	55		18-120

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-04
Client ID: SB-04-9.5-10.0
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 10:05
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/21/22 18:19
Analyst: RS
Percent Solids: 87%

Extraction Method: ALPHA 23528
Extraction Date: 01/21/22 07:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.536	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.536	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.268	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.536	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.268	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.268	0.065	1
Perfluorooctanoic Acid (PFOA)	0.055	JF	ng/g	0.268	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.536	0.193	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.536	0.146	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.268	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.268	0.139	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.268	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.536	0.308	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.536	0.216	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.536	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.536	0.164	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.536	0.105	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.536	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.536	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.536	0.219	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.536	0.058	1
PFOA/PFOS, Total	0.055	J	ng/g	0.268	0.045	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-04 Date Collected: 01/13/22 10:05

Client ID: SB-04-9.5-10.0 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	85		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	89		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	91		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	85		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	89		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	92		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**22**	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	12		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**25**	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	63		24-159

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-07
Client ID: SB-05-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 10:55
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/20/22 14:32
Analyst: JRW
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 19:48

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	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	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		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	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	26.	1
Naphthalene	ND		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	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-07 Date Collected: 01/13/22 10:55

Client ID: SB-05-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	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	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	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	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	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	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-07 Date Collected: 01/13/22 10:55

Client ID: SB-05-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	46		18-120

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-07
Client ID: SB-05-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 10:55
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/21/22 18:36
Analyst: RS
Percent Solids: 83%

Extraction Method: ALPHA 23528
Extraction Date: 01/21/22 07:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.572	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.572	0.053	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.286	0.045	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.572	0.060	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.286	0.052	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.286	0.069	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.286	0.048	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.572	0.205	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.572	0.156	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.286	0.086	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.286	0.149	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.286	0.077	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.572	0.328	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.572	0.231	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.572	0.054	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.572	0.175	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.572	0.097	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.572	0.080	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.572	0.234	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.572	0.062	1
PFOA/PFOS, Total	ND		ng/g	0.286	0.048	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-07 Date Collected: 01/13/22 10:55

Client ID: SB-05-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	81		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	88		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	84		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	84		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	95		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	82		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	89		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	51		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	55		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	79		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	64		24-159

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-07
Client ID: SB-05-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 10:55
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/24/22 11:06
Analyst: RS
Percent Solids: 83%

Extraction Method: ALPHA 23528
Extraction Date: 01/21/22 07:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.572	0.112	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	100		10-117

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-08
Client ID: DUP-011322
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 11:00
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/20/22 14:56
Analyst: JRW
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 19:48

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	28.	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	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		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	ND		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	210		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: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-08 Date Collected: 01/13/22 11:00

Client ID: DUP-011322 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		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	ND		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	33.	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	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-08 Date Collected: 01/13/22 11:00

Client ID: DUP-011322 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	9.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	49		18-120

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-08
Client ID: DUP-011322
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 11:00
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/21/22 18:52
Analyst: RS
Percent Solids: 81%

Extraction Method: ALPHA 23528
Extraction Date: 01/21/22 07:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.566	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.566	0.052	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.283	0.044	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.566	0.060	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.283	0.051	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.283	0.069	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.283	0.047	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.332	J	ng/g	0.566	0.203	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.566	0.155	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.283	0.085	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.283	0.147	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.283	0.076	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.566	0.325	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.566	0.228	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.566	0.053	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.566	0.173	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.566	0.096	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.566	0.079	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.566	0.232	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.566	0.061	1
PFOA/PFOS, Total	ND		ng/g	0.283	0.047	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-08 Date Collected: 01/13/22 11:00

Client ID: DUP-011322 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	83		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	88		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	85		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	96		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	85		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	80		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	57		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	90		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	55		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	80		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	58		24-159

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-08
Client ID: DUP-011322
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 11:00
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/24/22 11:13
Analyst: RS
Percent Solids: 81%

Extraction Method: ALPHA 23528
Extraction Date: 01/21/22 07:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.566	0.111	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	111		10-117

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-11
Client ID: SB-06-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 11:50
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/20/22 15:20
Analyst: JRW
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 19:48

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	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	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	ND		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	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	68.	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-11 Date Collected: 01/13/22 11:50

Client ID: SB-06-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		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	39.	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	ND		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	66.	1
2-Nitrophenol	ND		ug/kg	430	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	94.	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: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-11 Date Collected: 01/13/22 11:50

Client ID: SB-06-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	20.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1
Tentatively Identified Compounds						
Total TIC Compounds	7280	J	ug/kg			1
Unknown Alkane	249	J	ug/kg			1
Unknown	182	J	ug/kg			1
Unknown	313	J	ug/kg			1
Unknown Alkane	244	J	ug/kg			1
Unknown	317	J	ug/kg			1
Unknown	321	J	ug/kg			1
Unknown Alkane	236	J	ug/kg			1
Unknown Alkane	1080	J	ug/kg			1
Unknown Naphthalene	275	J	ug/kg			1
Unknown Alkane	193	J	ug/kg			1
Unknown Alkane	193	J	ug/kg			1
Unknown Alkane	208	J	ug/kg			1
Unknown Alkane	859	J	ug/kg			1
Unknown Alkane	365	J	ug/kg			1
Unknown	227	J	ug/kg			1
Unknown Alkane	233	J	ug/kg			1
Unknown Alkane	255	J	ug/kg			1
Unknown Alkane	777	J	ug/kg			1
Unknown Alkane	307	J	ug/kg			1
Unknown Cycloalkane	450	J	ug/kg			1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-11 Date Collected: 01/13/22 11:50

Client ID: SB-06-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	66		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	46		18-120

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-11
Client ID: SB-06-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 11:50
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/21/22 19:09
Analyst: RS
Percent Solids: 82%

Extraction Method: ALPHA 23528
Extraction Date: 01/21/22 07:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.588	0.027	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.588	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.294	0.046	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.588	0.062	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.294	0.053	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.294	0.071	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.294	0.049	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.588	0.211	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.588	0.160	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.294	0.088	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.294	0.153	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.294	0.079	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.588	0.337	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.588	0.237	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.588	0.055	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.588	0.180	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.588	0.099	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.588	0.082	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.588	0.240	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.588	0.064	1
PFOA/PFOS, Total	ND		ng/g	0.294	0.049	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-11 Date Collected: 01/13/22 11:50

Client ID: SB-06-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	82		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	87		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	81		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	82		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	91		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	75		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	81		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	86		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**13**	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**10**	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	73		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	58		24-159

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-11
Client ID: SB-06-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 11:50
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/24/22 11:21
Analyst: RS
Percent Solids: 82%

Extraction Method: ALPHA 23528
Extraction Date: 01/21/22 07:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.588	0.115	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	116		10-117

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-14
Client ID: SB-07-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 12:35
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/20/22 15:45
Analyst: JRW
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 19:48

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	27.	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	ND		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	44	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	240	34.	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	26.	1
Naphthalene	ND		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	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-14 Date Collected: 01/13/22 12:35

Client ID: SB-07-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	27	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	21	J	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	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	37	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	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	ND		ug/kg	240	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	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	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	ND		ug/kg	280	31.	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-14 Date Collected: 01/13/22 12:35

Client ID: SB-07-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	640	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						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	49		18-120

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-14
Client ID: SB-07-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 12:35
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/21/22 19:25
Analyst: RS
Percent Solids: 85%

Extraction Method: ALPHA 23528
Extraction Date: 01/21/22 07:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.540	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.540	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.270	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.540	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.270	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.270	0.065	1
Perfluorooctanoic Acid (PFOA)	0.108	J	ng/g	0.270	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.540	0.194	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.540	0.147	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.270	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.270	0.140	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.270	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.540	0.310	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.540	0.218	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.540	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.540	0.165	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.540	0.106	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.540	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.540	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.540	0.221	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.540	0.058	1
PFOA/PFOS, Total	0.108	J	ng/g	0.270	0.045	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-14 Date Collected: 01/13/22 12:35

Client ID: SB-07-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	85		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	89		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	85		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	93		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	91		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	85		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	89		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	39		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	42		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	65		24-159

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-17
Client ID: FB-01132022
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 00:00
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/19/22 05:28
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/18/22 07:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.73	0.354	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.73	0.343	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.73	0.206	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.73	0.284	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.73	0.195	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.73	0.326	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.73	0.205	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.73	1.16	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.73	0.596	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.73	0.270	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.73	0.437	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.73	0.264	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.73	1.05	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.73	0.562	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.73	0.225	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.73	0.850	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.73	0.503	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.73	0.697	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.73	0.322	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.73	0.284	1
Perfluorotetradecanoic Acid (PFTA)	0.742	J	ng/l	1.73	0.215	1
PFOA/PFOS, Total	ND		ng/l	1.73	0.205	1

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-17 Date Collected: 01/13/22 00:00

Client ID: FB-01132022 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	106		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	114		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	128		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	116		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	115		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	123		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	103		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	91		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	105		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	112		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	105		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	101		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	70		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	104		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	67		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	78		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76		22-136

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/18/22 23:24
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/18/22 07:35

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 17 Batch: WG1595027-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	1.01	J	ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/18/22 23:24
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/18/22 07:35

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 17 Batch: WG1595027-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	86		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	84		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	112		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	84		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	81		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	103		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	56		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	80		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	53		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	58		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	71		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	55		22-136

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/21/22 11:11
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 01/18/22 07:35

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 17 Batch: WG1595027-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	77		10-112

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/20/22 09:44
Analyst: JRW

Extraction Method: EPA 3546
Extraction Date: 01/19/22 19:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,07-08,11,14 Batch: WG1595967-1					
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	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	98	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	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	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	41.
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: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/20/22 09:44
Analyst: JRW

Extraction Method: EPA 3546
Extraction Date: 01/19/22 19:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,07-08,11,14 Batch: WG1595967-1					
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	28.
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	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	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	62.

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/20/22 09:44
Analyst: JRW

Extraction Method: EPA 3546
Extraction Date: 01/19/22 19:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,07-08,11,14 Batch: WG1595967-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
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	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
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	78		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	74		18-120

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/22/22 10:56
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/21/22 07:54

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01,04,07-08,11,14 Batch: WG1596550-1 R					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054
PFOA/PFOS, Total	ND		ng/g	0.250	0.042

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/22/22 10:56
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/21/22 07:54

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01,04,07-08,11,14 Batch: WG1596550-1 R					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	88		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	91		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	104		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	83		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	89		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	93		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	73		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	95		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	69		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	81		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	64		24-159

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/24/22 10:29
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 01/21/22 07:54

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01,04,07-08,11,14 Batch: WG1596550-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	116		10-117

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 17 Batch: WG1595027-2								
Perfluorobutanoic Acid (PFBA)	87		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	92		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	88		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	92		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	88		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	91		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	90		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	94		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	85		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	85		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	94		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	84		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	98		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	101		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	84		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	91		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	86		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	87		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	92		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	92		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	93		-		59-182	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241
Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 17 Batch: WG1595027-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	116				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	112				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**139**	Q			70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	124				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	125				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	127				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	116				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**156**	Q			14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	116				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	128				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	117				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	140				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	88				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	118				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	84				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	92				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	85				22-136

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 17 Batch: WG1595027-2								
Perfluorooctanesulfonamide (FOSA)	124		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	101				10-112

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07-08,11,14 Batch: WG1595967-2 WG1595967-3								
Acenaphthene	63		46		31-137	31		50
1,2,4-Trichlorobenzene	61		45		38-107	30		50
Hexachlorobenzene	63		46		40-140	31		50
Bis(2-chloroethyl)ether	59		44		40-140	29		50
2-Chloronaphthalene	66		49		40-140	30		50
1,2-Dichlorobenzene	62		46		40-140	30		50
1,3-Dichlorobenzene	60		45		40-140	29		50
1,4-Dichlorobenzene	62		46		28-104	30		50
3,3'-Dichlorobenzidine	45		**31**	Q	40-140	37		50
2,4-Dinitrotoluene	67		49		40-132	31		50
2,6-Dinitrotoluene	71		53		40-140	29		50
Fluoranthene	67		48		40-140	33		50
4-Chlorophenyl phenyl ether	66		48		40-140	32		50
4-Bromophenyl phenyl ether	66		49		40-140	30		50
Bis(2-chloroisopropyl)ether	78		56		40-140	33		50
Bis(2-chloroethoxy)methane	58		43		40-117	30		50
Hexachlorobutadiene	68		49		40-140	32		50
Hexachlorocyclopentadiene	61		43		40-140	35		50
Hexachloroethane	62		48		40-140	25		50
Isophorone	57		42		40-140	30		50
Naphthalene	67		50		40-140	29		50
Nitrobenzene	63		47		40-140	29		50
NDPA/DPA	67		48		36-157	33		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07-08,11,14 Batch: WG1595967-2 WG1595967-3								
n-Nitrosodi-n-propylamine	61		44		32-121	32		50
Bis(2-ethylhexyl)phthalate	77		56		40-140	32		50
Butyl benzyl phthalate	72		51		40-140	34		50
Di-n-butylphthalate	68		50		40-140	31		50
Di-n-octylphthalate	77		56		40-140	32		50
Diethyl phthalate	62		47		40-140	28		50
Dimethyl phthalate	63		46		40-140	31		50
Benzo(a)anthracene	72		53		40-140	30		50
Benzo(a)pyrene	70		51		40-140	31		50
Benzo(b)fluoranthene	73		53		40-140	32		50
Benzo(k)fluoranthene	73		54		40-140	30		50
Chrysene	68		50		40-140	31		50
Acenaphthylene	63		47		40-140	29		50
Anthracene	67		49		40-140	31		50
Benzo(ghi)perylene	80		57		40-140	34		50
Fluorene	67		50		40-140	29		50
Phenanthrene	66		48		40-140	32		50
Dibenzo(a,h)anthracene	78		56		40-140	33		50
Indeno(1,2,3-cd)pyrene	77		55		40-140	33		50
Pyrene	66		48		35-142	32		50
Biphenyl	64		48		37-127	29		50
4-Chloroaniline	41		**26**	Q	40-140	45		50
2-Nitroaniline	73		55		47-134	28		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07-08,11,14 Batch: WG1595967-2 WG1595967-3								
3-Nitroaniline	53		38		26-129	33		50
4-Nitroaniline	67		49		41-125	31		50
Dibenzofuran	65		48		40-140	30		50
2-Methylnaphthalene	65		48		40-140	30		50
1,2,4,5-Tetrachlorobenzene	67		47		40-117	35		50
Acetophenone	57		41		14-144	33		50
2,4,6-Trichlorophenol	69		52		30-130	28		50
p-Chloro-m-cresol	69		52		26-103	28		50
2-Chlorophenol	70		52		25-102	30		50
2,4-Dichlorophenol	69		51		30-130	30		50
2,4-Dimethylphenol	62		46		30-130	30		50
2-Nitrophenol	76		56		30-130	30		50
4-Nitrophenol	70		52		11-114	30		50
2,4-Dinitrophenol	59		49		4-130	19		50
4,6-Dinitro-o-cresol	73		55		10-130	28		50
Pentachlorophenol	55		41		17-109	29		50
Phenol	66		48		26-90	32		50
2-Methylphenol	68		48		30-130.	34		50
3-Methylphenol/4-Methylphenol	64		47		30-130	31		50
2,4,5-Trichlorophenol	72		53		30-130	30		50
Benzoic Acid	22		11		10-110	**67**	Q	50
Benzyl Alcohol	62		45		40-140	32		50
Carbazole	67		**48**	Q	54-128	33		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07-08,11,14 Batch: WG1595967-2 WG1595967-3								
1,4-Dioxane	40		**33**	Q	40-140	19		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		49		25-120
Phenol-d6	64		46		10-120
Nitrobenzene-d5	62		45		23-120
2-Fluorobiphenyl	60		45		30-120
2,4,6-Tribromophenol	59		43		10-136
4-Terphenyl-d14	61		43		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,04,07-08,11,14 Batch: WG1596550-2								
Perfluorobutanoic Acid (PFBA)	95		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	96		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	92		-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	95		-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	96		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	115		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	93		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	109		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	96		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	91		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	110		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	94		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	124		-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	98		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	92		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	108		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	87		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	107		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	97		-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	108		-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	98		-		69-133	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241
Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,04,07-08,11,14 Batch: WG1596550-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	91				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	92				58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89				74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	93				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91				78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	96				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	104				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94				72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	85				79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	88				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	81				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96				61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	14				10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	72				34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	84				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	67				24-159

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,04,07-08,11,14 Batch: WG1596550-2								
Perfluorooctanesulfonamide (FOSA)	112		-		67-137	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	108				10-117

Matrix Spike Analysis

Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 17 QC Batch ID: WG1595027-3 WG1595027-4 QC Sample: L2201787-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	6.62	37	37.6	84		38.1	84		67-148	1		30
Perfluoropentanoic Acid (PFPeA)	8.83	37	43.3	93		42.4	90		63-161	2		30
Perfluorobutanesulfonic Acid (PFBS)	5.70	32.9	35.5	91		33.5	84		65-157	6		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	34.6	32.5	94		33.7	96		37-219	4		30
Perfluorohexanoic Acid (PFHxA)	6.63	37	38.1	85		40.8	91		69-168	7		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	34.8	35.3	101		36.6	104		52-156	4		30
Perfluoroheptanoic Acid (PFHpA)	5.84	37	38.7	89		38.2	86		58-159	1		30
Perfluorohexanesulfonic Acid (PFHxS)	4.40	33.8	35.8	93		36.1	93		69-177	1		30
Perfluorooctanoic Acid (PFOA)	54.0	37	81.4	74		84.8	82		63-159	4		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2.04	35.2	45.1	122		40.5	108		49-187	11		30
Perfluoroheptanesulfonic Acid (PFHpS)	0.660J	35.2	32.5	90		33.6	92		61-179	3		30
Perfluorononanoic Acid (PFNA)	2.77	37	32.8	81		34.7	85		68-171	6		30
Perfluorooctanesulfonic Acid (PFOS)	56.0	34.3	87.4	91		84.5	82		52-151	3		30
Perfluorodecanoic Acid (PFDA)	0.526J	37	30.9	82		32.3	85		63-171	4		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	35.5	36.8	104		36.2	101		56-173	2		30
Perfluorononanesulfonic Acid (PFNS)	ND	35.6	33.0	93		31.4	87		48-150	5		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	37	33.9	92		39.1	104		60-166	14		30
Perfluoroundecanoic Acid (PFUnA)	ND	37	29.3	79		31.2	83		60-153	6		30
Perfluorodecanesulfonic Acid (PFDS)	ND	35.7	29.8	84		30.5	84		38-156	2		30
Perfluorooctanesulfonamide (FOSA)	ND	37	31.0	84		32.0	85		46-170	3		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	37	29.8	80		31.2	83		45-170	5		30
Perfluorododecanoic Acid (PFDoA)	ND	37	29.4	79		33.7	90		67-153	14		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 17 QC Batch ID: WG1595027-3 WG1595027-4 QC Sample: L2201787-01 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	37	30.5	82		32.0	85		48-158	5		30
Perfluorotetradecanoic Acid (PFTA)	0.863J	37	32.2	85		31.5	82		59-182	2		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**239**	Q	**219**	Q	10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**362**	Q	**333**	Q	12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**353**	Q	**348**	Q	14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	93		86		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	78		77		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	88		82		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	95		88		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	80		79		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		91		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	113		107		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	75		68		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	67		63		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	102		102		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	74		74		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	52		47		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	108		105		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100		96		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	108		102		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	120		121		70-131

Matrix Spike Analysis

Batch Quality Control

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,04,07-08,11,14 QC Batch ID: WG1596550-3 QC Sample: L2203072-10 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	ND	6.32	6.03	95		-	-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	ND	6.32	5.96	94		-	-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	ND	5.61	5.28	94		-	-		72-128	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.91	7.00	118		-	-		62-145	-		30
Perfluorohexanoic Acid (PFHxA)	ND	6.32	5.97	95		-	-		70-132	-		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	5.94	6.08	102		-	-		73-123	-		30
Perfluoroheptanoic Acid (PFHpA)	ND	6.32	6.24	99		-	-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	5.78	6.50	113		-	-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	ND	6.32	5.75	91		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	6.02	6.38	106		-	-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	6.02	5.73	95		-	-		70-132	-		30
Perfluorononanoic Acid (PFNA)	ND	6.32	6.37	101		-	-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	ND	5.86	6.37	109		-	-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	ND	6.32	5.77	91		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	6.06	6.85	113		-	-		65-137	-		30
Perfluorononanesulfonic Acid (PFNS)	ND	6.08	5.47	90		-	-		69-125	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	6.32	6.80	108		-	-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	6.32	6.13	97		-	-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	6.09	5.42	89		-	-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	ND	6.32	5.37F	85		-	-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	6.32	6.37	101		-	-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	ND	6.32	6.10	97		-	-		69-135	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 501241
Project Number: S01241
Lab Number: L2202232
Report Date: 02/25/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,04,07-08,11,14 QC Batch ID: WG1596550-3 QC Sample: L2203072-10 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	6.32	7.09	112		-	-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	6.32	6.05	96		-	-		69-133	-		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	59				19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	53				14-167
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	66				20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**17**	Q			34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**16**	Q			31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	**57**	Q			61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**60**	Q			75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	**61**	Q			66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	**61**	Q			71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	**68**	Q			78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	**48**	Q			54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	25				24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	62				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	65				58-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	14				10-117
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**63**	Q			79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	**64**	Q			75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**59**	Q			72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**67**	Q			74-139

Lab Duplicate Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,04,07-08,11,14 QC Batch ID: WG1596550-4 QC Sample: L2203072-12 Client ID: DUP Sample						
Perfluorobutanoic Acid (PFBA)	ND	ND	ng/g	NC		30
Perfluoropentanoic Acid (PFPeA)	ND	ND	ng/g	NC		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	ND	ng/g	NC		30
Perfluorohexanoic Acid (PFHxA)	ND	ND	ng/g	NC		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	ND	ng/g	NC		30
Perfluoroheptanoic Acid (PFHpA)	ND	ND	ng/g	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ng/g	NC		30
Perfluorooctanoic Acid (PFOA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/g	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/g	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/g	NC		30
Perfluorooctanesulfonic Acid (PFOS)	ND	ND	ng/g	NC		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/g	NC		30
Perfluorononanesulfonic Acid (PFNS)	ND	ND	ng/g	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/g	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/g	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/g	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/g	NC		30

Lab Duplicate Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,04,07-08,11,14 QC Batch ID: WG1596550-4 QC Sample: L2203072-12 Client ID: DUP Sample						
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/g	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/g	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/g	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	69		**60**	Q	61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	72		64		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**73**	Q	75		74-139
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	58		60		14-167
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	66		**63**	Q	66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	**69**	Q	**66**	Q	71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	**72**	Q	**77**	Q	78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	**68**	Q	**67**	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	69		72		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**64**	Q	**65**	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**64**	Q	**69**	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**65**	Q	**64**	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	56		59		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**23**	Q	31		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	61		**60**	Q	61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**16**	Q	**21**	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	**46**	Q	**49**	Q	54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	**11**	Q	**15**	Q	24-159

PCBS

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-01
Client ID: SB-01-12.0-12.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 09:15
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/20/22 09:27
Analyst: AD
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 11:47
Cleanup Method: EPA 3665A
Cleanup Date: 01/20/22
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.7	3.52	1	A
Aroclor 1221	ND		ug/kg	39.7	3.98	1	A
Aroclor 1232	ND		ug/kg	39.7	8.42	1	A
Aroclor 1242	ND		ug/kg	39.7	5.35	1	A
Aroclor 1248	ND		ug/kg	39.7	5.96	1	A
Aroclor 1254	ND		ug/kg	39.7	4.34	1	A
Aroclor 1260	ND		ug/kg	39.7	7.34	1	A
Aroclor 1262	ND		ug/kg	39.7	5.04	1	A
Aroclor 1268	ND		ug/kg	39.7	4.11	1	A
PCBs, Total	ND		ug/kg	39.7	3.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	41		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	42		30-150	B
Decachlorobiphenyl	37		30-150	B

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-04
Client ID: SB-04-9.5-10.0
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 10:05
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/20/22 09:35
Analyst: AD
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 11:47
Cleanup Method: EPA 3665A
Cleanup Date: 01/20/22
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.4	3.32	1	A
Aroclor 1221	ND		ug/kg	37.4	3.75	1	A
Aroclor 1232	ND		ug/kg	37.4	7.94	1	A
Aroclor 1242	ND		ug/kg	37.4	5.05	1	A
Aroclor 1248	ND		ug/kg	37.4	5.62	1	A
Aroclor 1254	ND		ug/kg	37.4	4.10	1	A
Aroclor 1260	ND		ug/kg	37.4	6.92	1	A
Aroclor 1262	ND		ug/kg	37.4	4.75	1	A
Aroclor 1268	ND		ug/kg	37.4	3.88	1	A
PCBs, Total	ND		ug/kg	37.4	3.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	43		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-07
Client ID: SB-05-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 10:55
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/20/22 09:43
Analyst: AD
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 11:47
Cleanup Method: EPA 3665A
Cleanup Date: 01/20/22
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.8	3.53	1	A
Aroclor 1221	ND		ug/kg	39.8	3.99	1	A
Aroclor 1232	ND		ug/kg	39.8	8.43	1	A
Aroclor 1242	ND		ug/kg	39.8	5.36	1	A
Aroclor 1248	ND		ug/kg	39.8	5.97	1	A
Aroclor 1254	ND		ug/kg	39.8	4.35	1	A
Aroclor 1260	18.6	J	ug/kg	39.8	7.35	1	A
Aroclor 1262	ND		ug/kg	39.8	5.05	1	A
Aroclor 1268	ND		ug/kg	39.8	4.12	1	A
PCBs, Total	18.6	J	ug/kg	39.8	3.53	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-08
Client ID: DUP-011322
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 11:00
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/20/22 09:51
Analyst: AD
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 11:47
Cleanup Method: EPA 3665A
Cleanup Date: 01/20/22
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.0	3.56	1	A
Aroclor 1221	ND		ug/kg	40.0	4.01	1	A
Aroclor 1232	ND		ug/kg	40.0	8.49	1	A
Aroclor 1242	ND		ug/kg	40.0	5.40	1	A
Aroclor 1248	ND		ug/kg	40.0	6.01	1	A
Aroclor 1254	ND		ug/kg	40.0	4.38	1	A
Aroclor 1260	ND		ug/kg	40.0	7.40	1	A
Aroclor 1262	ND		ug/kg	40.0	5.09	1	A
Aroclor 1268	ND		ug/kg	40.0	4.15	1	A
PCBs, Total	ND		ug/kg	40.0	3.56	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	37		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	38		30-150	B
Decachlorobiphenyl	43		30-150	B

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-11
Client ID: SB-06-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 11:50
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/20/22 09:58
Analyst: AD
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 11:47
Cleanup Method: EPA 3665A
Cleanup Date: 01/20/22
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.7	3.52	1	A
Aroclor 1221	ND		ug/kg	39.7	3.98	1	A
Aroclor 1232	ND		ug/kg	39.7	8.42	1	A
Aroclor 1242	ND		ug/kg	39.7	5.35	1	A
Aroclor 1248	ND		ug/kg	39.7	5.95	1	A
Aroclor 1254	ND		ug/kg	39.7	4.34	1	A
Aroclor 1260	ND		ug/kg	39.7	7.34	1	A
Aroclor 1262	ND		ug/kg	39.7	5.04	1	A
Aroclor 1268	ND		ug/kg	39.7	4.11	1	A
PCBs, Total	ND		ug/kg	39.7	3.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	42		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-14
Client ID: SB-07-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 12:35
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/20/22 10:06
Analyst: AD
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 11:47
Cleanup Method: EPA 3665A
Cleanup Date: 01/20/22
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.3	3.49	1	A
Aroclor 1221	ND		ug/kg	39.3	3.94	1	A
Aroclor 1232	ND		ug/kg	39.3	8.34	1	A
Aroclor 1242	ND		ug/kg	39.3	5.30	1	A
Aroclor 1248	ND		ug/kg	39.3	5.90	1	A
Aroclor 1254	ND		ug/kg	39.3	4.30	1	A
Aroclor 1260	ND		ug/kg	39.3	7.27	1	A
Aroclor 1262	ND		ug/kg	39.3	5.00	1	A
Aroclor 1268	ND		ug/kg	39.3	4.08	1	A
PCBs, Total	ND		ug/kg	39.3	3.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	40		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	40		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/20/22 09:03
Analyst: AD

Extraction Method: EPA 3546
Extraction Date: 01/19/22 11:47
Cleanup Method: EPA 3665A
Cleanup Date: 01/20/22
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,04,07-08,11,14 Batch: WG1595768-1						
Aroclor 1016	ND		ug/kg	31.8	2.82	A
Aroclor 1221	ND		ug/kg	31.8	3.18	A
Aroclor 1232	ND		ug/kg	31.8	6.73	A
Aroclor 1242	ND		ug/kg	31.8	4.28	A
Aroclor 1248	ND		ug/kg	31.8	4.76	A
Aroclor 1254	ND		ug/kg	31.8	3.48	A
Aroclor 1260	ND		ug/kg	31.8	5.87	A
Aroclor 1262	ND		ug/kg	31.8	4.03	A
Aroclor 1268	ND		ug/kg	31.8	3.29	A
PCBs, Total	ND		ug/kg	31.8	2.82	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,04,07-08,11,14 Batch: WG1595768-2 WG1595768-3									
Aroclor 1016	59		59		40-140	0		50	A
Aroclor 1260	63		64		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		52		30-150	A
Decachlorobiphenyl	63		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		53		30-150	B
Decachlorobiphenyl	65		67		30-150	B

PESTICIDES

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-01
Client ID: SB-01-12.0-12.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 09:15
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/20/22 16:16
Analyst: JAW
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 10:36
Cleanup Method: EPA 3620B
Cleanup Date: 01/20/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.374	1	A
Lindane	ND		ug/kg	0.796	0.356	1	A
Alpha-BHC	ND		ug/kg	0.796	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.724	1	A
Heptachlor	ND		ug/kg	0.955	0.428	1	A
Aldrin	ND		ug/kg	1.91	0.672	1	A
Heptachlor epoxide	ND		ug/kg	3.58	1.07	1	A
Endrin	ND		ug/kg	0.796	0.326	1	A
Endrin aldehyde	ND		ug/kg	2.39	0.835	1	A
Endrin ketone	ND		ug/kg	1.91	0.492	1	A
Dieldrin	ND		ug/kg	1.19	0.597	1	A
4,4'-DDE	ND		ug/kg	1.91	0.442	1	A
4,4'-DDD	ND		ug/kg	1.91	0.681	1	A
4,4'-DDT	ND		ug/kg	3.58	1.54	1	A
Endosulfan I	ND		ug/kg	1.91	0.451	1	A
Endosulfan II	ND		ug/kg	1.91	0.638	1	A
Endosulfan sulfate	ND		ug/kg	0.796	0.379	1	A
Methoxychlor	ND		ug/kg	3.58	1.11	1	A
Toxaphene	ND		ug/kg	35.8	10.0	1	A
cis-Chlordane	ND		ug/kg	2.39	0.665	1	A
trans-Chlordane	ND		ug/kg	2.39	0.630	1	A
Chlordane	ND		ug/kg	15.9	6.32	1	A

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-01 Date Collected: 01/13/22 09:15

Client ID: SB-01-12.0-12.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-04
Client ID: SB-04-9.5-10.0
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 10:05
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/20/22 16:05
Analyst: JAW
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 10:36
Cleanup Method: EPA 3620B
Cleanup Date: 01/20/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.739	0.330	1	A
Alpha-BHC	ND		ug/kg	0.739	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.672	1	A
Heptachlor	ND		ug/kg	0.887	0.398	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.998	1	A
Endrin	ND		ug/kg	0.739	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.776	1	A
Endrin ketone	ND		ug/kg	1.77	0.457	1	A
Dieldrin	ND		ug/kg	1.11	0.554	1	A
4,4'-DDE	ND		ug/kg	1.77	0.410	1	A
4,4'-DDD	ND		ug/kg	1.77	0.632	1	A
4,4'-DDT	ND		ug/kg	3.32	1.43	1	A
Endosulfan I	ND		ug/kg	1.77	0.419	1	A
Endosulfan II	ND		ug/kg	1.77	0.593	1	A
Endosulfan sulfate	ND		ug/kg	0.739	0.352	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.31	1	A
cis-Chlordane	ND		ug/kg	2.22	0.618	1	A
trans-Chlordane	ND		ug/kg	2.22	0.585	1	A
Chlordane	ND		ug/kg	14.8	5.88	1	A

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-04 Date Collected: 01/13/22 10:05

Client ID: SB-04-9.5-10.0 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	54		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-07
Client ID: SB-05-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 10:55
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/20/22 13:54
Analyst: EJL
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 10:36
Cleanup Method: EPA 3620B
Cleanup Date: 01/20/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.363	1	A
Lindane	ND		ug/kg	0.772	0.345	1	A
Alpha-BHC	ND		ug/kg	0.772	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.703	1	A
Heptachlor	ND		ug/kg	0.927	0.416	1	A
Aldrin	ND		ug/kg	1.85	0.653	1	A
Heptachlor epoxide	ND		ug/kg	3.48	1.04	1	A
Endrin	ND		ug/kg	0.772	0.317	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.811	1	A
Endrin ketone	ND		ug/kg	1.85	0.477	1	A
Dieldrin	ND		ug/kg	1.16	0.579	1	A
4,4'-DDE	ND		ug/kg	1.85	0.429	1	A
4,4'-DDD	ND		ug/kg	1.85	0.661	1	A
4,4'-DDT	ND		ug/kg	3.48	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.438	1	A
Endosulfan II	ND		ug/kg	1.85	0.620	1	A
Endosulfan sulfate	ND		ug/kg	0.772	0.368	1	A
Methoxychlor	ND		ug/kg	3.48	1.08	1	A
Toxaphene	ND		ug/kg	34.8	9.73	1	A
cis-Chlordane	ND		ug/kg	2.32	0.646	1	A
trans-Chlordane	ND		ug/kg	2.32	0.612	1	A
Chlordane	ND		ug/kg	15.4	6.14	1	A

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-07 Date Collected: 01/13/22 10:55

Client ID: SB-05-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	60		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-08
Client ID: DUP-011322
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 11:00
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/20/22 14:05
Analyst: EJL
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 10:36
Cleanup Method: EPA 3620B
Cleanup Date: 01/20/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.374	1	A
Lindane	ND		ug/kg	0.796	0.356	1	A
Alpha-BHC	ND		ug/kg	0.796	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.725	1	A
Heptachlor	ND		ug/kg	0.956	0.428	1	A
Aldrin	ND		ug/kg	1.91	0.673	1	A
Heptachlor epoxide	ND		ug/kg	3.58	1.08	1	A
Endrin	ND		ug/kg	0.796	0.326	1	A
Endrin aldehyde	ND		ug/kg	2.39	0.836	1	A
Endrin ketone	ND		ug/kg	1.91	0.492	1	A
Dieldrin	ND		ug/kg	1.19	0.597	1	A
4,4'-DDE	ND		ug/kg	1.91	0.442	1	A
4,4'-DDD	ND		ug/kg	1.91	0.682	1	A
4,4'-DDT	ND		ug/kg	3.58	1.54	1	A
Endosulfan I	ND		ug/kg	1.91	0.452	1	A
Endosulfan II	ND		ug/kg	1.91	0.639	1	A
Endosulfan sulfate	ND		ug/kg	0.796	0.379	1	A
Methoxychlor	ND		ug/kg	3.58	1.12	1	A
Toxaphene	ND		ug/kg	35.8	10.0	1	A
cis-Chlordane	ND		ug/kg	2.39	0.666	1	A
trans-Chlordane	ND		ug/kg	2.39	0.631	1	A
Chlordane	ND		ug/kg	15.9	6.33	1	A

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-08 Date Collected: 01/13/22 11:00

Client ID: DUP-011322 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-11
Client ID: SB-06-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 11:50
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/20/22 13:44
Analyst: EJL
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 10:36
Cleanup Method: EPA 3620B
Cleanup Date: 01/20/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.380	1	A
Lindane	ND		ug/kg	0.808	0.361	1	A
Alpha-BHC	ND		ug/kg	0.808	0.230	1	A
Beta-BHC	ND		ug/kg	1.94	0.735	1	A
Heptachlor	ND		ug/kg	0.970	0.435	1	A
Aldrin	ND		ug/kg	1.94	0.683	1	A
Heptachlor epoxide	ND		ug/kg	3.64	1.09	1	A
Endrin	ND		ug/kg	0.808	0.331	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.848	1	A
Endrin ketone	ND		ug/kg	1.94	0.499	1	A
Dieldrin	ND		ug/kg	1.21	0.606	1	A
4,4'-DDE	ND		ug/kg	1.94	0.448	1	A
4,4'-DDD	ND		ug/kg	1.94	0.692	1	A
4,4'-DDT	ND		ug/kg	3.64	1.56	1	A
Endosulfan I	ND		ug/kg	1.94	0.458	1	A
Endosulfan II	ND		ug/kg	1.94	0.648	1	A
Endosulfan sulfate	ND		ug/kg	0.808	0.385	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	2.42	0.676	1	A
trans-Chlordane	ND		ug/kg	2.42	0.640	1	A
Chlordane	ND		ug/kg	16.2	6.42	1	A

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-11 Date Collected: 01/13/22 11:50

Client ID: SB-06-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-14
Client ID: SB-07-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 12:35
Date Received: 01/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/20/22 15:54
Analyst: JAW
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 01/19/22 10:36
Cleanup Method: EPA 3620B
Cleanup Date: 01/20/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.361	1	A
Lindane	ND		ug/kg	0.768	0.344	1	A
Alpha-BHC	ND		ug/kg	0.768	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.699	1	A
Heptachlor	ND		ug/kg	0.922	0.413	1	A
Aldrin	ND		ug/kg	1.84	0.649	1	A
Heptachlor epoxide	ND		ug/kg	3.46	1.04	1	A
Endrin	ND		ug/kg	0.768	0.315	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.807	1	A
Endrin ketone	ND		ug/kg	1.84	0.475	1	A
Dieldrin	ND		ug/kg	1.15	0.576	1	A
4,4'-DDE	ND		ug/kg	1.84	0.426	1	A
4,4'-DDD	ND		ug/kg	1.84	0.658	1	A
4,4'-DDT	ND		ug/kg	3.46	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.436	1	A
Endosulfan II	ND		ug/kg	1.84	0.616	1	A
Endosulfan sulfate	ND		ug/kg	0.768	0.366	1	A
Methoxychlor	ND		ug/kg	3.46	1.08	1	A
Toxaphene	ND		ug/kg	34.6	9.68	1	A
cis-Chlordane	ND		ug/kg	2.30	0.642	1	A
trans-Chlordane	ND		ug/kg	2.30	0.609	1	A
Chlordane	ND		ug/kg	15.4	6.11	1	A

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-14 Date Collected: 01/13/22 12:35

Client ID: SB-07-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, 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	52		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/19/22 09:49
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 01/19/22 02:51
Cleanup Method: EPA 3620B
Cleanup Date: 01/19/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,04,07-08,11,14 Batch: WG1595504-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.651	0.291	A
Alpha-BHC	ND		ug/kg	0.651	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.592	A
Heptachlor	ND		ug/kg	0.781	0.350	A
Aldrin	ND		ug/kg	1.56	0.550	A
Heptachlor epoxide	ND		ug/kg	2.93	0.878	A
Endrin	ND		ug/kg	0.651	0.267	A
Endrin aldehyde	ND		ug/kg	1.95	0.683	A
Endrin ketone	ND		ug/kg	1.56	0.402	A
Dieldrin	ND		ug/kg	0.976	0.488	A
4,4'-DDE	ND		ug/kg	1.56	0.361	A
4,4'-DDD	ND		ug/kg	1.56	0.557	A
4,4'-DDT	ND		ug/kg	2.93	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.369	A
Endosulfan II	ND		ug/kg	1.56	0.522	A
Endosulfan sulfate	ND		ug/kg	0.651	0.310	A
Methoxychlor	ND		ug/kg	2.93	0.911	A
Toxaphene	ND		ug/kg	29.3	8.20	A
cis-Chlordane	ND		ug/kg	1.95	0.544	A
trans-Chlordane	ND		ug/kg	1.95	0.515	A
Chlordane	ND		ug/kg	13.0	5.17	A

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/19/22 09:49
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 01/19/22 02:51
Cleanup Method: EPA 3620B
Cleanup Date: 01/19/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,04,07-08,11,14 Batch: WG1595504-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	115		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	125		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,07-08,11,14 Batch: WG1595504-2 WG1595504-3									
Delta-BHC	43		46		30-150	7		30	A
Lindane	89		92		30-150	3		30	A
Alpha-BHC	84		86		30-150	2		30	A
Beta-BHC	88		89		30-150	1		30	A
Heptachlor	91		94		30-150	3		30	A
Aldrin	88		91		30-150	3		30	A
Heptachlor epoxide	83		84		30-150	1		30	A
Endrin	90		94		30-150	4		30	A
Endrin aldehyde	75		76		30-150	1		30	A
Endrin ketone	98		101		30-150	3		30	A
Dieldrin	94		96		30-150	2		30	A
4,4'-DDE	84		86		30-150	2		30	A
4,4'-DDD	93		98		30-150	5		30	A
4,4'-DDT	93		99		30-150	6		30	A
Endosulfan I	83		85		30-150	2		30	A
Endosulfan II	89		95		30-150	7		30	A
Endosulfan sulfate	73		74		30-150	1		30	A
Methoxychlor	97		105		30-150	8		30	A
cis-Chlordane	74		76		30-150	3		30	A
trans-Chlordane	90		90		30-150	0		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,07-08,11,14 Batch: WG1595504-2 WG1595504-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		84		30-150	A
Decachlorobiphenyl	112		123		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		88		30-150	B
Decachlorobiphenyl	125		131		30-150	B

METALS

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-01 Date Collected: 01/13/22 09:15

Client ID: SB-01-12.0-12.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY 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	11200		mg/kg	9.52	2.57	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Antimony, Total	ND		mg/kg	4.76	0.362	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Arsenic, Total	5.51		mg/kg	0.952	0.198	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Barium, Total	23.7		mg/kg	0.952	0.166	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Beryllium, Total	0.495		mg/kg	0.476	0.031	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Cadmium, Total	0.495	J	mg/kg	0.952	0.093	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Calcium, Total	1380		mg/kg	9.52	3.33	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Chromium, Total	15.3		mg/kg	0.952	0.091	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Cobalt, Total	6.34		mg/kg	1.90	0.158	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Copper, Total	13.4		mg/kg	0.952	0.246	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Iron, Total	26400		mg/kg	4.76	0.860	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Lead, Total	8.59		mg/kg	4.76	0.255	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Magnesium, Total	3100		mg/kg	9.52	1.47	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Manganese, Total	453		mg/kg	0.952	0.151	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Mercury, Total	ND		mg/kg	0.084	0.055	1	01/19/22 16:09	01/20/22 06:36	EPA 7471B	1,7471B	AC
Nickel, Total	14.1		mg/kg	2.38	0.230	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Potassium, Total	586		mg/kg	238	13.7	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	1.90	0.246	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.952	0.269	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Sodium, Total	275		mg/kg	190	3.00	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.90	0.300	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Vanadium, Total	17.4		mg/kg	0.952	0.193	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL
Zinc, Total	39.6		mg/kg	4.76	0.279	2	01/19/22 15:52	01/19/22 21:56	EPA 3050B	1,6010D	DL

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-04 Date Collected: 01/13/22 10:05

Client ID: SB-04-9.5-10.0 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY 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	15400		mg/kg	43.4	11.7	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Antimony, Total	ND		mg/kg	21.7	1.65	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Arsenic, Total	4.42		mg/kg	4.34	0.902	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Barium, Total	52.3		mg/kg	4.34	0.754	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Beryllium, Total	0.824	J	mg/kg	2.17	0.143	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Cadmium, Total	0.607	J	mg/kg	4.34	0.425	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Calcium, Total	1370		mg/kg	43.4	15.2	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Chromium, Total	22.1		mg/kg	4.34	0.416	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Cobalt, Total	12.3		mg/kg	8.67	0.720	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Copper, Total	24.2		mg/kg	4.34	1.12	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Iron, Total	31100		mg/kg	21.7	3.92	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Lead, Total	15.9	J	mg/kg	21.7	1.16	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Magnesium, Total	5420		mg/kg	43.4	6.68	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Manganese, Total	961		mg/kg	4.34	0.689	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Mercury, Total	ND		mg/kg	0.074	0.048	1	01/19/22 16:09	01/20/22 06:49	EPA 7471B	1,7471B	AC
Nickel, Total	33.4		mg/kg	10.8	1.05	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Potassium, Total	911	J	mg/kg	1080	62.4	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	8.67	1.12	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	4.34	1.23	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Sodium, Total	348	J	mg/kg	867	13.6	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	8.67	1.36	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Vanadium, Total	21.0		mg/kg	4.34	0.880	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL
Zinc, Total	71.9		mg/kg	21.7	1.27	10	01/19/22 15:52	01/19/22 21:51	EPA 3050B	1,6010D	DL

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-07 Date Collected: 01/13/22 10:55

Client ID: SB-05-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9660		mg/kg	22.7	6.13	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Antimony, Total	ND		mg/kg	11.3	0.862	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Arsenic, Total	1.95	J	mg/kg	2.27	0.472	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Barium, Total	78.9		mg/kg	2.27	0.395	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Beryllium, Total	0.658	J	mg/kg	1.13	0.075	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Cadmium, Total	0.227	J	mg/kg	2.27	0.222	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Calcium, Total	2000		mg/kg	22.7	7.94	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Chromium, Total	13.6		mg/kg	2.27	0.218	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Cobalt, Total	6.56		mg/kg	4.54	0.377	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Copper, Total	21.4		mg/kg	2.27	0.585	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Iron, Total	14700		mg/kg	11.3	2.05	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Lead, Total	7.03	J	mg/kg	11.3	0.608	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Magnesium, Total	2820		mg/kg	22.7	3.49	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Manganese, Total	91.3		mg/kg	2.27	0.361	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Mercury, Total	ND		mg/kg	0.092	0.060	1	01/19/22 16:09	01/20/22 06:53	EPA 7471B	1,7471B	AC
Nickel, Total	14.2		mg/kg	5.67	0.549	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Potassium, Total	512	J	mg/kg	567	32.7	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Selenium, Total	ND		mg/kg	4.54	0.585	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Silver, Total	ND		mg/kg	2.27	0.642	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Sodium, Total	256	J	mg/kg	454	7.15	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Thallium, Total	ND		mg/kg	4.54	0.715	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Vanadium, Total	14.7		mg/kg	2.27	0.461	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW
Zinc, Total	53.1		mg/kg	11.3	0.665	5	01/19/22 15:52	01/20/22 12:55	EPA 3050B	1,6010D	EW

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-08 Date Collected: 01/13/22 11:00

Client ID: DUP-011322 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9340		mg/kg	23.3	6.30	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Antimony, Total	ND		mg/kg	11.7	0.886	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Arsenic, Total	3.55		mg/kg	2.33	0.485	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Barium, Total	74.7		mg/kg	2.33	0.406	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Beryllium, Total	0.536	J	mg/kg	1.17	0.077	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Cadmium, Total	0.280	J	mg/kg	2.33	0.229	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Calcium, Total	1910		mg/kg	23.3	8.16	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Chromium, Total	14.5		mg/kg	2.33	0.224	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Cobalt, Total	42.6		mg/kg	4.66	0.387	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Copper, Total	22.4		mg/kg	2.33	0.602	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Iron, Total	16800		mg/kg	11.7	2.11	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Lead, Total	17.2		mg/kg	11.7	0.625	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Magnesium, Total	3450		mg/kg	23.3	3.59	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Manganese, Total	467		mg/kg	2.33	0.371	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Mercury, Total	ND		mg/kg	0.094	0.061	1	01/19/22 16:09	01/20/22 06:56	EPA 7471B	1,7471B	AC
Nickel, Total	19.1		mg/kg	5.83	0.564	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Potassium, Total	585		mg/kg	583	33.6	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Selenium, Total	ND		mg/kg	4.66	0.602	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Silver, Total	ND		mg/kg	2.33	0.660	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Sodium, Total	242	J	mg/kg	466	7.35	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Thallium, Total	ND		mg/kg	4.66	0.735	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Vanadium, Total	19.3		mg/kg	2.33	0.474	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW
Zinc, Total	58.7		mg/kg	11.7	0.684	5	01/19/22 15:52	01/20/22 12:59	EPA 3050B	1,6010D	EW

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-11 Date Collected: 01/13/22 11:50

Client ID: SB-06-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY 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	10000		mg/kg	9.32	2.52	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Antimony, Total	ND		mg/kg	4.66	0.354	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Arsenic, Total	1.92		mg/kg	0.932	0.194	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Barium, Total	23.4		mg/kg	0.932	0.162	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Beryllium, Total	0.280	J	mg/kg	0.466	0.031	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Cadmium, Total	0.252	J	mg/kg	0.932	0.091	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Calcium, Total	806		mg/kg	9.32	3.26	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Chromium, Total	13.2		mg/kg	0.932	0.090	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Cobalt, Total	3.54		mg/kg	1.86	0.155	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Copper, Total	15.7		mg/kg	0.932	0.240	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Iron, Total	14200		mg/kg	4.66	0.842	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Lead, Total	11.9		mg/kg	4.66	0.250	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Magnesium, Total	1880		mg/kg	9.32	1.44	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Manganese, Total	74.1		mg/kg	0.932	0.148	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Mercury, Total	ND		mg/kg	0.082	0.054	1	01/19/22 16:09	01/20/22 06:59	EPA 7471B	1,7471B	AC
Nickel, Total	8.26		mg/kg	2.33	0.226	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Potassium, Total	449		mg/kg	233	13.4	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	1.86	0.240	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.932	0.264	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Sodium, Total	151	J	mg/kg	186	2.94	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.86	0.294	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Vanadium, Total	20.4		mg/kg	0.932	0.189	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL
Zinc, Total	40.0		mg/kg	4.66	0.273	2	01/19/22 15:52	01/19/22 22:46	EPA 3050B	1,6010D	DL

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-14 Date Collected: 01/13/22 12:35

Client ID: SB-07-9.0-9.5 Date Received: 01/14/22

Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY 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	8960		mg/kg	8.89	2.40	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Antimony, Total	ND		mg/kg	4.45	0.338	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Arsenic, Total	3.83		mg/kg	0.889	0.185	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Barium, Total	33.2		mg/kg	0.889	0.155	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Beryllium, Total	0.462		mg/kg	0.445	0.029	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Cadmium, Total	0.347	J	mg/kg	0.889	0.087	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Calcium, Total	1080		mg/kg	8.89	3.11	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Chromium, Total	11.3		mg/kg	0.889	0.085	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Cobalt, Total	6.66		mg/kg	1.78	0.148	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Copper, Total	15.8		mg/kg	0.889	0.229	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Iron, Total	17300		mg/kg	4.45	0.803	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Lead, Total	8.84		mg/kg	4.45	0.238	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Magnesium, Total	2620		mg/kg	8.89	1.37	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Manganese, Total	316		mg/kg	0.889	0.141	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Mercury, Total	ND		mg/kg	0.076	0.050	1	01/19/22 16:09	01/20/22 07:03	EPA 7471B	1,7471B	AC
Nickel, Total	13.7		mg/kg	2.22	0.215	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Potassium, Total	478		mg/kg	222	12.8	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	1.78	0.229	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.889	0.252	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Sodium, Total	178		mg/kg	178	2.80	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.78	0.280	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Vanadium, Total	16.7		mg/kg	0.889	0.180	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL
Zinc, Total	36.9		mg/kg	4.45	0.260	2	01/19/22 15:52	01/19/22 22:51	EPA 3050B	1,6010D	DL

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

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): 01,04,07-08,11,14 Batch: WG1595298-1										
Aluminum, Total	3.75	J	mg/kg	4.00	1.08	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Antimony, Total	ND		mg/kg	2.00	0.152	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Barium, Total	0.744		mg/kg	0.400	0.070	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Beryllium, Total	0.080	J	mg/kg	0.200	0.013	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Cadmium, Total	0.052	J	mg/kg	0.400	0.039	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Calcium, Total	2.22	J	mg/kg	4.00	1.40	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Chromium, Total	0.080	J	mg/kg	0.400	0.038	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Copper, Total	ND		mg/kg	0.400	0.103	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Iron, Total	6.22		mg/kg	2.00	0.361	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Lead, Total	ND		mg/kg	2.00	0.107	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Magnesium, Total	1.18	J	mg/kg	4.00	0.616	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Manganese, Total	0.248	J	mg/kg	0.400	0.064	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Nickel, Total	ND		mg/kg	1.00	0.097	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Potassium, Total	ND		mg/kg	100	5.76	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Selenium, Total	ND		mg/kg	0.800	0.103	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Silver, Total	ND		mg/kg	0.400	0.113	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Sodium, Total	1.41	J	mg/kg	80.0	1.26	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Thallium, Total	ND		mg/kg	0.800	0.126	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL
Zinc, Total	0.136	J	mg/kg	2.00	0.117	1	01/19/22 15:52	01/19/22 21:30	1,6010D	DL

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): 01,04,07-08,11,14 Batch: WG1595300-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	01/19/22 16:09	01/20/22 06:23	1,7471B	AC

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,07-08,11,14 Batch: WG1595298-2 SRM Lot Number: D113-540								
Aluminum, Total	81		-		51-149	-		
Antimony, Total	180		-		20-250	-		
Arsenic, Total	98		-		70-130	-		
Barium, Total	97		-		75-125	-		
Beryllium, Total	110		-		75-125	-		
Cadmium, Total	98		-		75-125	-		
Calcium, Total	93		-		73-128	-		
Chromium, Total	100		-		70-130	-		
Cobalt, Total	97		-		75-125	-		
Copper, Total	95		-		75-125	-		
Iron, Total	102		-		36-164	-		
Lead, Total	94		-		72-128	-		
Magnesium, Total	86		-		63-138	-		
Manganese, Total	96		-		77-123	-		
Nickel, Total	96		-		70-130	-		
Potassium, Total	89		-		59-141	-		
Selenium, Total	98		-		66-134	-		
Silver, Total	95		-		70-131	-		
Sodium, Total	96		-		35-164	-		
Thallium, Total	94		-		70-130	-		
Vanadium, Total	97		-		74-126	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,07-08,11,14 Batch: WG1595298-2 SRM Lot Number: D113-540					
Zinc, Total	93	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01,04,07-08,11,14 Batch: WG1595300-2 SRM Lot Number: D113-540					
Mercury, Total	100	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

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): 01,04,07-08,11,14 QC Batch ID: WG1595298-3 QC Sample: L2202232-01 Client ID: SB-01-12.0-12.5												
Aluminum, Total	11200	189	14700	**1860**	Q	-	-		75-125	-		20
Antimony, Total	ND	47.2	32.8	**70**	Q	-	-		75-125	-		20
Arsenic, Total	5.51	11.3	12.9	**65**	Q	-	-		75-125	-		20
Barium, Total	23.7	189	176	81		-	-		75-125	-		20
Beryllium, Total	0.495	4.72	4.21	79		-	-		75-125	-		20
Cadmium, Total	0.495J	5	3.92	78		-	-		75-125	-		20
Calcium, Total	1380	943	1560	**19**	Q	-	-		75-125	-		20
Chromium, Total	15.3	18.9	30.3	80		-	-		75-125	-		20
Cobalt, Total	6.34	47.2	37.0	**65**	Q	-	-		75-125	-		20
Copper, Total	13.4	23.6	32.7	82		-	-		75-125	-		20
Iron, Total	26400	94.3	28400	**2120**	Q	-	-		75-125	-		20
Lead, Total	8.59	50	40.5	**64**	Q	-	-		75-125	-		20
Magnesium, Total	3100	943	4200	117		-	-		75-125	-		20
Manganese, Total	453	47.2	502	104		-	-		75-125	-		20
Nickel, Total	14.1	47.2	46.4	**68**	Q	-	-		75-125	-		20
Potassium, Total	586	943	1470	94		-	-		75-125	-		20
Selenium, Total	ND	11.3	7.51	**66**	Q	-	-		75-125	-		20
Silver, Total	ND	28.3	21.9	77		-	-		75-125	-		20
Sodium, Total	275	943	1050	82		-	-		75-125	-		20
Thallium, Total	ND	11.3	6.11	**54**	Q	-	-		75-125	-		20
Vanadium, Total	17.4	47.2	51.8	**73**	Q	-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

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): 01,04,07-08,11,14 QC Batch ID: WG1595298-3 QC Sample: L2202232-01 Client ID: SB-01-12.0-12.5									
Zinc, Total	39.6	47.2	75.4	76	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,04,07-08,11,14 QC Batch ID: WG1595300-3 QC Sample: L2202232-01 Client ID: SB-01-12.0-12.5									
Mercury, Total	ND	0.162	0.172	106	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,07-08,11,14 QC Batch ID: WG1595298-4 QC Sample: L2202232-01 Client ID: SB-01-12.0-12.5						
Aluminum, Total	11200	13000	mg/kg	15		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	5.51	5.70	mg/kg	3		20
Barium, Total	23.7	27.0	mg/kg	13		20
Beryllium, Total	0.495	0.531	mg/kg	7		20
Cadmium, Total	0.495J	0.522J	mg/kg	NC		20
Calcium, Total	1380	970	mg/kg	**35**	Q	20
Chromium, Total	15.3	16.7	mg/kg	9		20
Cobalt, Total	6.34	6.75	mg/kg	6		20
Copper, Total	13.4	14.7	mg/kg	9		20
Iron, Total	26400	27500	mg/kg	4		20
Lead, Total	8.59	9.00	mg/kg	5		20
Magnesium, Total	3100	3350	mg/kg	8		20
Manganese, Total	453	396	mg/kg	13		20
Nickel, Total	14.1	15.4	mg/kg	9		20
Potassium, Total	586	666	mg/kg	13		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	275	295	mg/kg	7		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,07-08,11,14 QC Batch ID: WG1595298-4 QC Sample: L2202232-01 Client ID: SB-01-12.0-12.5					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	17.4	18.3	mg/kg	5	20
Zinc, Total	39.6	43.6	mg/kg	10	20
Total Metals - Mansfield Lab Associated sample(s): 01,04,07-08,11,14 QC Batch ID: WG1595300-4 QC Sample: L2202232-01 Client ID: SB-01-12.0-12.5					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: 501241
Project Number: S01241

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2202232
Report Date: 02/25/22

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,07-08,11,14 QC Batch ID: WG1595298-6 QC Sample: L2202232-01 Client ID: SB-01-12.0-12.5						
Aluminum, Total	11200	13700	mg/kg	**22**	Q	20
Calcium, Total	1380	1730	mg/kg	**25**	Q	20
Iron, Total	26400	34400	mg/kg	**30**	Q	20
Magnesium, Total	3100	3950	mg/kg	**27**	Q	20
Manganese, Total	453	561	mg/kg	**24**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-01
Client ID: SB-01-12.0-12.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 09:15
Date Received: 01/14/22
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	79.7		%	0.100	NA	1	-	01/15/22 10:55	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	01/19/22 05:00	01/19/22 10:08	1,9010C/9012B	CS
Chromium, Hexavalent	ND		mg/kg	1.00	0.201	1	01/20/22 14:35	01/21/22 13:25	1,7196A	JT

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-04
Client ID: SB-04-9.5-10.0
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 10:05
Date Received: 01/14/22
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	87.3		%	0.100	NA	1	-	01/15/22 10:55	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	01/20/22 14:10	01/21/22 09:13	1,9010C/9012B	CS
Chromium, Hexavalent	ND		mg/kg	0.916	0.183	1	01/20/22 14:35	01/21/22 13:25	1,7196A	JT

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-07
Client ID: SB-05-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 10:55
Date Received: 01/14/22
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	83.4		%	0.100	NA	1	-	01/15/22 10:55	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	01/20/22 14:10	01/21/22 09:14	1,9010C/9012B	CS
Chromium, Hexavalent	0.228	J	mg/kg	0.959	0.192	1	01/20/22 14:35	01/21/22 13:25	1,7196A	JT

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-08
Client ID: DUP-011322
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 11:00
Date Received: 01/14/22
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	81.0		%	0.100	NA	1	-	01/15/22 10:55	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	01/20/22 14:10	01/21/22 09:15	1,9010C/9012B	CS
Chromium, Hexavalent	ND		mg/kg	0.988	0.198	1	01/20/22 14:35	01/21/22 13:25	1,7196A	JT

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-11
Client ID: SB-06-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 11:50
Date Received: 01/14/22
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	82.0		%	0.100	NA	1	-	01/15/22 10:55	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	01/20/22 14:10	01/21/22 09:16	1,9010C/9012B	CS
Chromium, Hexavalent	ND		mg/kg	0.976	0.195	1	01/20/22 14:35	01/21/22 13:25	1,7196A	JT

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

SAMPLE RESULTS

Lab ID: L2202232-14
Client ID: SB-07-9.0-9.5
Sample Location: 43-45 LAFAYETTE AVE., SUFFERN, NY

Date Collected: 01/13/22 12:35
Date Received: 01/14/22
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	84.6		%	0.100	NA	1	-	01/15/22 10:55	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	01/20/22 14:10	01/21/22 09:17	1,9010C/9012B	CS
Chromium, Hexavalent	ND		mg/kg	0.946	0.189	1	01/20/22 14:35	01/21/22 13:25	1,7196A	JT

Project Name: 501241 **Lab Number:** L2202232

Project Number: S01241 **Report Date:** 02/25/22

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 Batch: WG1595500-1										
Cyanide, Total	ND		mg/kg	0.98	0.21	1	01/19/22 05:00	01/19/22 10:02	1,9010C/9012B	CS
General Chemistry - Westborough Lab for sample(s): 04,07-08,11,14 Batch: WG1596281-1										
Cyanide, Total	ND		mg/kg	0.97	0.20	1	01/20/22 14:10	01/21/22 09:02	1,9010C/9012B	CS
General Chemistry - Westborough Lab for sample(s): 01,04,07-08,11,14 Batch: WG1596784-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	01/20/22 14:35	01/21/22 13:25	1,7196A	JT

Lab Control Sample Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1595500-2 WG1595500-3								
Cyanide, Total	**66**	Q	**74**	Q	80-120	10		35
General Chemistry - Westborough Lab Associated sample(s): 04,07-08,11,14 Batch: WG1596281-2 WG1596281-3								
Cyanide, Total	**68**	Q	108		80-120	**56**	Q	35
General Chemistry - Westborough Lab Associated sample(s): 01,04,07-08,11,14 Batch: WG1596784-2								
Chromium, Hexavalent	98		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

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 QC Batch ID: WG1595500-4 WG1595500-5 QC Sample: L2202544-06 Client ID: MS Sample												
Cyanide, Total	ND	12	12	100		12	110		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 04,07-08,11,14 QC Batch ID: WG1596281-4 WG1596281-5 QC Sample: L2202232-14 Client ID: SB-07-9.0-9.5												
Cyanide, Total	ND	11	11	100		9.6	86		75-125	14		35
General Chemistry - Westborough Lab Associated sample(s): 01,04,07-08,11,14 QC Batch ID: WG1596784-4 QC Sample: L2202232-01 Client ID: SB-01-12.0-12.5												
Chromium, Hexavalent	ND	1320	1320	100		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,04,07-08,11,14 QC Batch ID: WG1594332-1 QC Sample: L2202352-01 Client ID: DUP Sample						
Solids, Total	79.2	79.4	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01,04,07-08,11,14 QC Batch ID: WG1596784-6 QC Sample: L2202232-01 Client ID: SB-01-12.0-12.5						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2202232-01A	Vial MeOH preserved	B	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2202232-01B	Vial water preserved	B	NA		2.1	Y	Absent	15-JAN-22 07:02	NYTCL-8260HLW(14)
L2202232-01C	Vial water preserved	B	NA		2.1	Y	Absent	15-JAN-22 07:02	NYTCL-8260HLW(14)
L2202232-01D	Plastic 120ml unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2202232-01E	Plastic 2oz unpreserved for TS	B	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2202232-01F	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),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2202232-01G	Plastic 8oz unpreserved	B	NA		2.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2202232-01H	Glass 250ml/8oz unpreserved	B	NA		2.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2202232-02A	Vial MeOH preserved	B	NA		2.1	Y	Absent		HOLD-8260HLW(14)
L2202232-02B	Vial water preserved	B	NA		2.1	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-02C	Vial water preserved	B	NA		2.1	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-02D	Plastic 120ml unpreserved	B	NA		2.1	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2202232-02E	Plastic 2oz unpreserved for TS	B	NA		2.1	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2202232-02F	Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		HOLD-METAL(180)
L2202232-02G	Plastic 8oz unpreserved	B	NA		2.1	Y	Absent		A2-S-EXT-537(14)
L2202232-02H	Glass 250ml/8oz unpreserved	B	NA		2.1	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(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(*)
L2202232-03A	Vial MeOH preserved	B	NA		2.1	Y	Absent		HOLD-8260HLW(14)
L2202232-03B	Vial water preserved	B	NA		2.1	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-03C	Vial water preserved	B	NA		2.1	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-03D	Plastic 120ml unpreserved	B	NA		2.1	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2202232-03E	Plastic 2oz unpreserved for TS	B	NA		2.1	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2202232-03F	Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		HOLD-METAL(180)
L2202232-03G	Plastic 8oz unpreserved	B	NA		2.1	Y	Absent		A2-S-EXT-537(14)
L2202232-03H	Glass 250ml/8oz unpreserved	B	NA		2.1	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2202232-04A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2202232-04B	Vial water preserved	A	NA		2.2	Y	Absent	15-JAN-22 07:02	NYTCL-8260HLW(14)
L2202232-04C	Vial water preserved	A	NA		2.2	Y	Absent	15-JAN-22 07:02	NYTCL-8260HLW(14)
L2202232-04D	Plastic 120ml unpreserved	A	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2202232-04E	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2202232-04F	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.2	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),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2202232-04G	Plastic 8oz unpreserved	A	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2202232-04H	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2202232-05A	Vial MeOH preserved	A	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2202232-05B	Vial water preserved	A	NA		2.2	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-05C	Vial water preserved	A	NA		2.2	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-05D	Plastic 120ml unpreserved	A	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2202232-05E	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2202232-05F	Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		HOLD-METAL(180)
L2202232-05G	Plastic 8oz unpreserved	A	NA		2.2	Y	Absent		A2-S-EXT-537(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(*)
L2202232-05H	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2202232-06A	Vial MeOH preserved	B	NA		2.1	Y	Absent		HOLD-8260HLW(14)
L2202232-06B	Vial water preserved	B	NA		2.1	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-06C	Vial water preserved	B	NA		2.1	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-06D	Plastic 120ml unpreserved	B	NA		2.1	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2202232-06E	Plastic 2oz unpreserved for TS	B	NA		2.1	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2202232-06F	Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		HOLD-METAL(180)
L2202232-06G	Plastic 8oz unpreserved	B	NA		2.1	Y	Absent		A2-S-EXT-537(14)
L2202232-06H	Glass 250ml/8oz unpreserved	B	NA		2.1	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2202232-07A	Vial MeOH preserved	B	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2202232-07B	Vial water preserved	B	NA		2.1	Y	Absent	15-JAN-22 07:02	NYTCL-8260HLW(14)
L2202232-07C	Vial water preserved	B	NA		2.1	Y	Absent	15-JAN-22 07:02	NYTCL-8260HLW(14)
L2202232-07D	Plastic 120ml unpreserved	B	NA		2.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2202232-07E	Plastic 2oz unpreserved for TS	B	NA		2.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2202232-07F	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),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2202232-07G	Plastic 8oz unpreserved	B	NA		2.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2202232-07H	Glass 250ml/8oz unpreserved	B	NA		2.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2202232-08A	Vial MeOH preserved	B	NA		2.1	Y	Absent		NYTCL-8260HLW(14)
L2202232-08B	Vial water preserved	B	NA		2.1	Y	Absent	15-JAN-22 07:02	NYTCL-8260HLW(14)
L2202232-08C	Vial water preserved	B	NA		2.1	Y	Absent	15-JAN-22 07:02	NYTCL-8260HLW(14)
L2202232-08D	Plastic 120ml unpreserved	B	NA		2.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2202232-08E	Plastic 2oz unpreserved for TS	B	NA		2.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2202232-08F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2202232-08G	Plastic 8oz unpreserved	B	NA		2.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2202232-08H	Glass 250ml/8oz unpreserved	B	NA		2.1	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2202232-09A	Vial MeOH preserved	C	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2202232-09B	Vial water preserved	C	NA		2.2	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-09C	Vial water preserved	C	NA		2.2	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-09D	Plastic 120ml unpreserved	C	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2202232-09E	Plastic 2oz unpreserved for TS	C	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2202232-09F	Glass 60mL/2oz unpreserved	C	NA		2.2	Y	Absent		HOLD-METAL(180)
L2202232-09G	Plastic 8oz unpreserved	C	NA		2.2	Y	Absent		A2-S-EXT-537(14)
L2202232-09H	Glass 250ml/8oz unpreserved	C	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2202232-10A	Vial MeOH preserved	C	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2202232-10B	Vial water preserved	C	NA		2.2	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-10C	Vial water preserved	C	NA		2.2	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-10D	Plastic 120ml unpreserved	C	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2202232-10E	Plastic 2oz unpreserved for TS	C	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2202232-10F	Glass 60mL/2oz unpreserved	C	NA		2.2	Y	Absent		HOLD-METAL(180)
L2202232-10G	Plastic 8oz unpreserved	C	NA		2.2	Y	Absent		A2-S-EXT-537(14)
L2202232-10H	Glass 250ml/8oz unpreserved	C	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2202232-11A	Vial MeOH preserved	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2202232-11B	Vial water preserved	C	NA		2.2	Y	Absent	15-JAN-22 07:02	NYTCL-8260HLW(14)
L2202232-11C	Vial water preserved	C	NA		2.2	Y	Absent	15-JAN-22 07:02	NYTCL-8260HLW(14)
L2202232-11D	Plastic 120ml unpreserved	C	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2202232-11E	Plastic 2oz unpreserved for TS	C	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2202232-11F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.2	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),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2202232-11G	Plastic 8oz unpreserved	C	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2202232-11H	Glass 250ml/8oz unpreserved	C	NA		2.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2202232-12A	Vial MeOH preserved	A	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2202232-12B	Vial water preserved	A	NA		2.2	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-12C	Vial water preserved	A	NA		2.2	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-12D	Plastic 120ml unpreserved	A	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2202232-12E	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2202232-12F	Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		HOLD-METAL(180)
L2202232-12G	Plastic 8oz unpreserved	A	NA		2.2	Y	Absent		A2-S-EXT-537(14)
L2202232-12H	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2202232-13A	Vial MeOH preserved	A	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2202232-13B	Vial water preserved	A	NA		2.2	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-13C	Vial water preserved	A	NA		2.2	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-13D	Plastic 120ml unpreserved	A	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2202232-13E	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2202232-13F	Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		HOLD-METAL(180)
L2202232-13G	Plastic 8oz unpreserved	A	NA		2.2	Y	Absent		A2-S-EXT-537(14)
L2202232-13H	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2202232-14A	Vial MeOH preserved	C	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L2202232-14B	Vial water preserved	C	NA		2.2	Y	Absent	15-JAN-22 07:02	NYTCL-8260HLW(14)
L2202232-14C	Vial water preserved	C	NA		2.2	Y	Absent	15-JAN-22 07:02	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(*)
L2202232-14D	Plastic 120ml unpreserved	C	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2202232-14E	Plastic 2oz unpreserved for TS	C	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2202232-14F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2202232-14G	Plastic 8oz unpreserved	C	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2202232-14H	Glass 250ml/8oz unpreserved	C	NA		2.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2202232-15A	Vial MeOH preserved	A	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2202232-15B	Vial water preserved	A	NA		2.2	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-15C	Vial water preserved	A	NA		2.2	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-15D	Plastic 120ml unpreserved	A	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2202232-15E	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2202232-15F	Glass 60mL/2oz unpreserved	A	NA		2.2	Y	Absent		HOLD-METAL(180)
L2202232-15G	Plastic 8oz unpreserved	A	NA		2.2	Y	Absent		A2-S-EXT-537(14)
L2202232-15H	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2202232-16A	Vial MeOH preserved	C	NA		2.2	Y	Absent		HOLD-8260HLW(14)
L2202232-16B	Vial water preserved	C	NA		2.2	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-16C	Vial water preserved	C	NA		2.2	Y	Absent	15-JAN-22 07:02	HOLD-8260HLW(14)
L2202232-16D	Plastic 120ml unpreserved	C	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2202232-16E	Plastic 2oz unpreserved for TS	C	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2202232-16F	Glass 60mL/2oz unpreserved	C	NA		2.2	Y	Absent		HOLD-METAL(180)
L2202232-16G	Plastic 8oz unpreserved	C	NA		2.2	Y	Absent		A2-S-EXT-537(14)
L2202232-16H	Glass 250ml/8oz unpreserved	C	NA		2.2	Y	Absent		HOLD-WETCHEM(),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2202232-17A	Plastic 250ml unpreserved	A	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2202232-17B	Plastic 250ml unpreserved	A	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)

*Values in parentheses indicate holding time in days

Project Name: 501241
Project Number: S01241

Lab Number: L2202232
Report Date: 02/25/22

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	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	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
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	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:	501241	**Lab Number:**	L2202232
Project Number:	S01241	**Report Date:**	02/25/22

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:	501241	**Lab Number:**	L2202232
Project Number:	S01241	**Report Date:**	02/25/22

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.

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'.

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.

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.)

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 Identified Compounds (TICs).

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	501241	**Lab Number:**	L2202232
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Data Qualifiers

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.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	501241	**Lab Number:**	L2202232
Project Number:	S01241	**Report Date:**	02/25/22

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.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical 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 Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical 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 Alpha Analytical.

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
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
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.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

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 332: Perchlorate; **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), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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 Alpha 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 2

Date Rec'd in Lab: 11/15/22

ALPHA Job #: L2202232

Client Information
Client: Enviosure, Inc.
Address: 379 South High St. West Chester, PA 19382
Phone: 610-696-8980
Fax:
Email:

Project Information
Project Name: 501241
Project Location: 43-45 Lafayette Ave., Suffern, NY
Project #: 501241
(Use Project name as Project #): ☑
Project Manager: Dyna Kaminski-Ogonowski
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days: Standard

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 # 501241

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:

X=Analyze; H=Extract and Hold

Please specify Metals or TAL.

ANALYSIS

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

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	FVII TCL+30(VOC)	FVII TAL(metals)	1,4-Dioxane	PFAS	Sample Specific Comments
02232-01	SB-01-12.0-12.5	1/13/22	0915	SOIL	DG	X	X	X	X	
-02	SB-01-13.5-14.0		0930			H	H	H	H	
-03	SB-01-14.5-15.0		0940			H	H	H	H	
-04	SB-04-9.5-10.0		1005			X	X	X	X	
-05	SB-04-12.0-12.5		1015			H	H	H	H	
-06	SB-04-15.5-16.0		1025			H	H	H	H	
-07	SB-05-9.0-9.5		1055			X	X	X	X	
-08	DUP-011322		1100			X	X	X	X	
-09	SB-05-11.5-12.0		1120			H	H	H	H	
-10	SB-05-15.5-16.0	↓	1130	↓	↓	H	H	H	H	

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
Derek Gleatherman	1/13/22 0810		
	1/14/22 1600		1/14/22 1600
	1/14 2100		
	1/15/22 0405		11/15/22 0405

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: 1/15/22

ALPHA Job #: L2202232

Client Information
Client: Envirosure, Inc.
Address: 319 South High St. West Chester, PA 19382
Phone: 610-696-8980
Fax:
Email:

Project Information
Project Name: 50124
Project Location: 43-45 Lafayette Ave, Suffern, NY
Project #: 50124
(Use Project name as Project #) ☒
Project Manager: Dyna Krivmich-Ogonovski
ALPHAQuote #:

Turn-Around Time
Standard ☒
Rush (only if pre approved) ☐
Due Date:
of Days: Standard TAT

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 # 50124

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:

X=Analyze; H=Extract and Hold

Please specify Metals or TAL.

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	FVIII TCL+30(VOCs)	FVIII TAL(metals)	1,4-Dioxane	PFAS	Total Bottle	Sample Specific Comments
02232-11	SB-06-9.0-9.5	1/13/22	1150	Soil	DG	X	X	X	X		
-12	SB-05-10.5-11.0		1200			H	H	H	H		
-13	SB-06-12.5-13.0		1220			H	H	H	H		
-14	SB-07-9.0-9.5		1235			X	X	X	X		
-15	SB-07-11.5-12.0		1250			H	H	H	H		
-16	SB-07-13.5-14.0	↓	1300	↓	↓	H	H	H	H		

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

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Derek Gathreen	1/13/22 0810		1/14/22 8:10
	1/14/22 1600		1/14/22 16:00
	1/14/22 2100		1/15/22 0405
	1/15/22 0405		1/15/22 0405

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.)

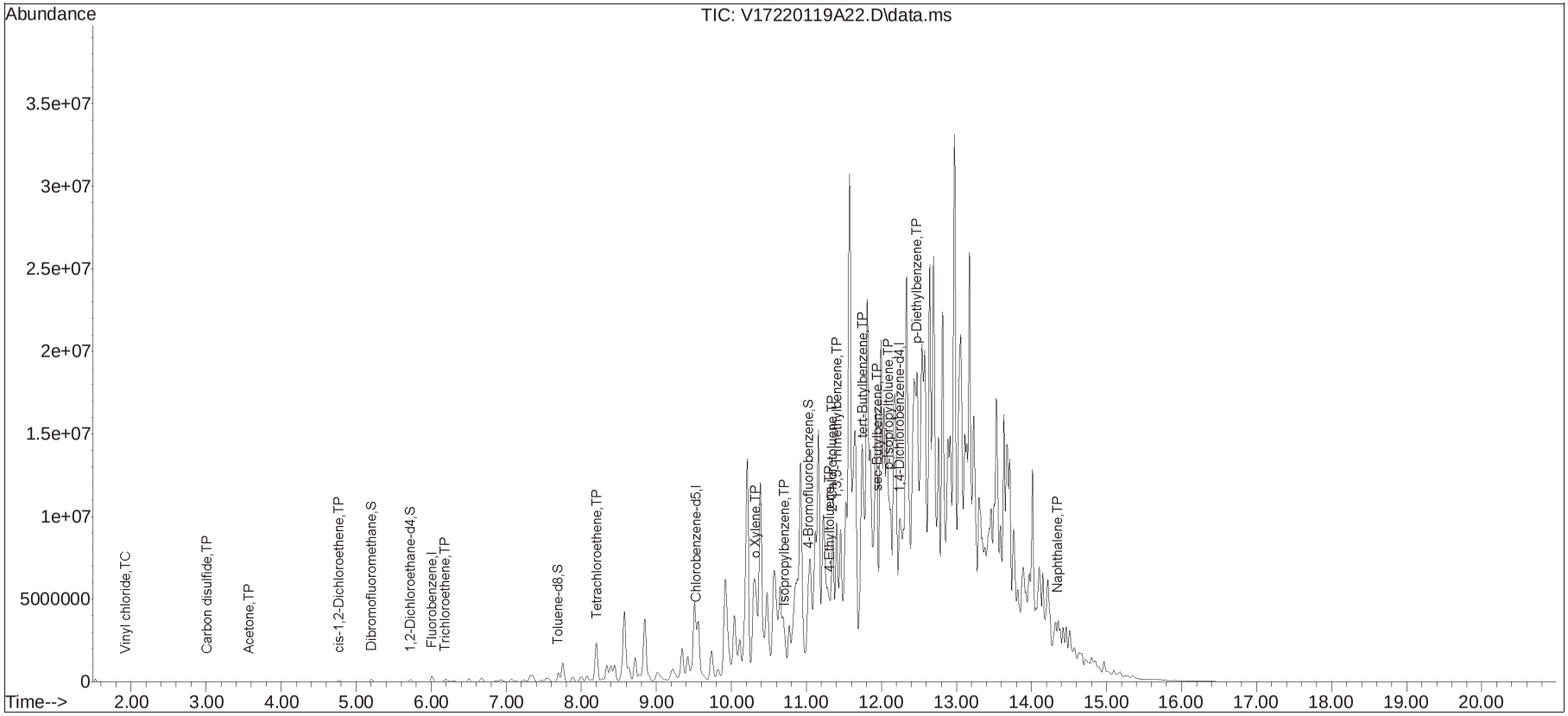
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT/LSC Reviewed)

Data Path : I:\VOLATILES\VOA117\2022\220119A\
Data File : V17220119A22.D
Acq On : 19 Jan 2022 04:09 pm
Operator : VOA117:KJD
Sample : L2202232-11,31,6.06,5,,B
Misc : WG1595784,ICAL18616
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 19 17:28:30 2022
Quant Method : I:\VOLATILES\VOA117\2022\220119A\V117_220103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Jan 04 09:06:06 2022
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox20119A\V17220119A01.D•



APPENDIX I

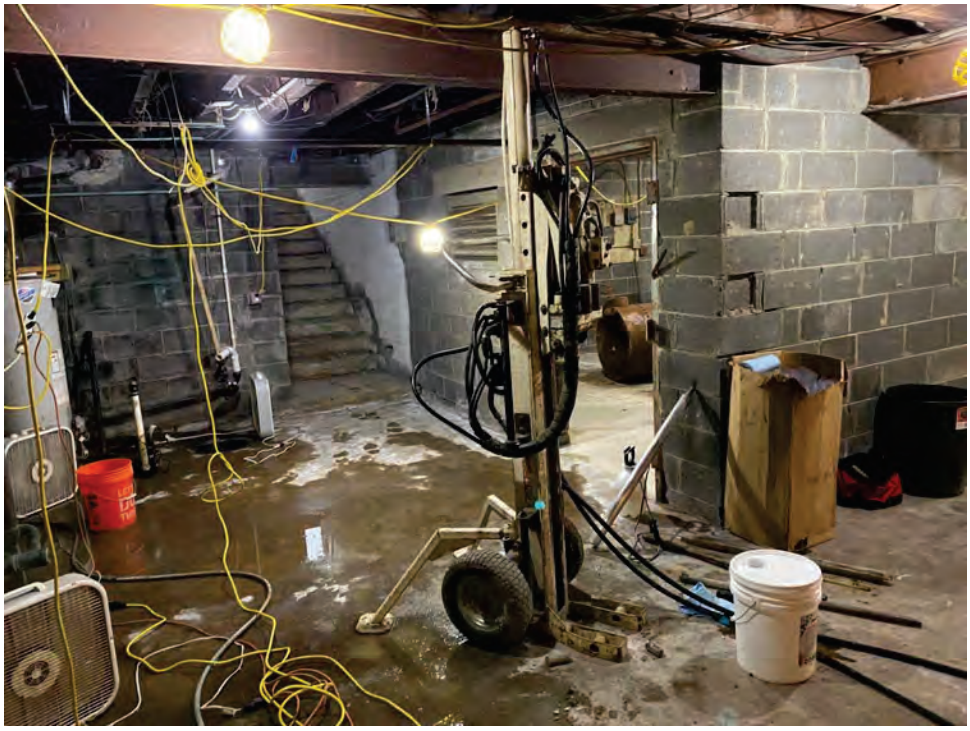
PHOTO LOG



Photograph 1 – Basement work area during January 13, 2022 soil boring investigation.



Photograph 2 – Basement work area during January 13, 2022 soil boring investigation.



Photograph 3 – Drill unit used to advance basement soil borings.



Photograph 4 – MGD137 Geoprobe, seen here installing monitoring well MW-2 (along Chestnut Street).



Photograph 5 – Monitoring well MW-2.



Photograph 6 – Installation of monitoring well MW-1 (along Lafayette Avenue).



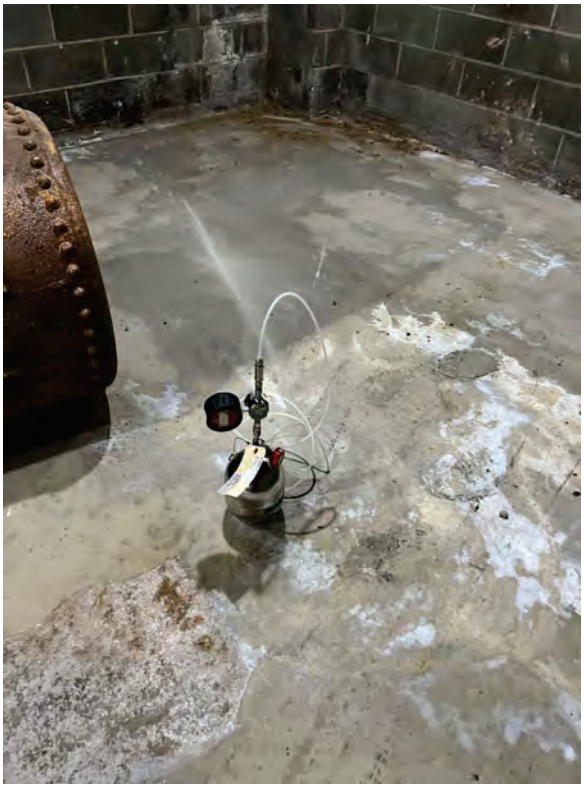
Photograph 7 – Monitoring well MW-1.



Photograph 8 – Outdoor air sample collection, near the location of MW-1.



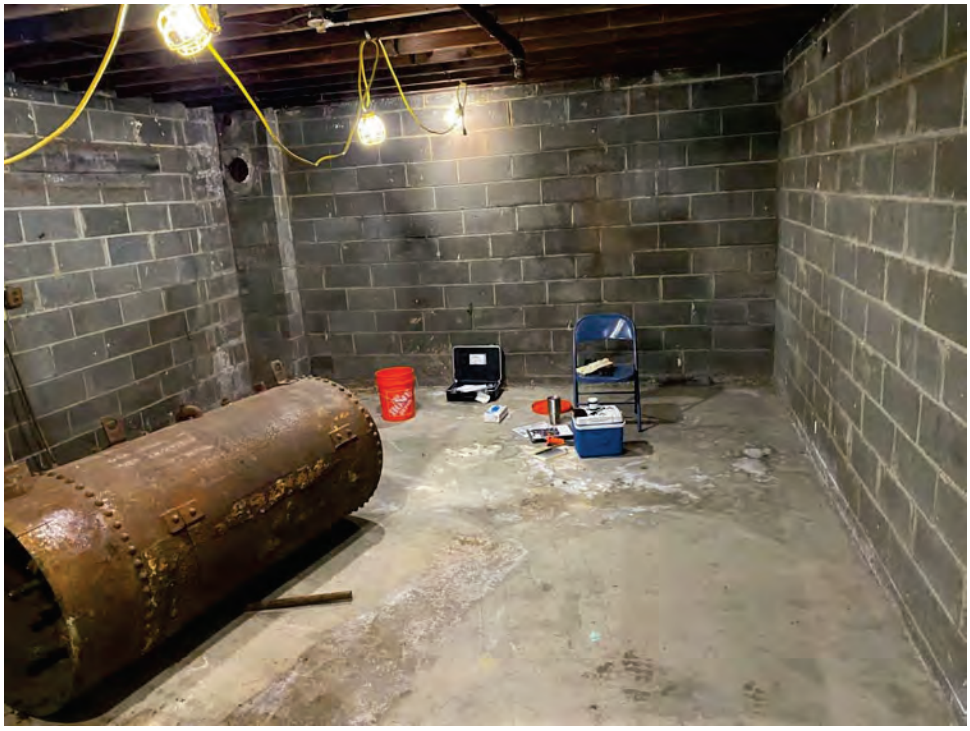
Photograph 9 – Indoor air sample collection.



Photograph 10 – Sub-slab vapor sample collection.



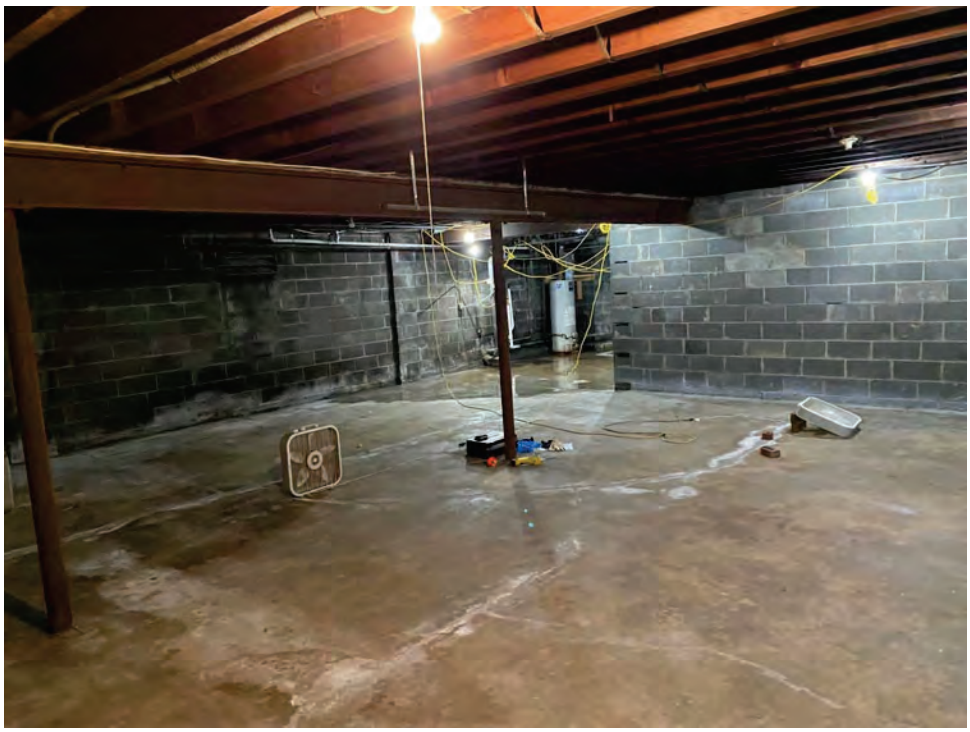
Photograph 11 – Sub-slab soil vapor sample collection.



Photograph 12 – Concrete chip sample collection work area.



Photograph 13 – Concrete chip sample collection work area.



Photograph 14 – Concrete chip sample collection work area.

Appendix C
Camp Monitoring Data



==========
23/06/26 09:40
****
Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-602546
Unit Firmware Ver	V2.22A
Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	12345678
User ID	12345678
Begin	6/26/2023 9:40
End	6/26/2023 14:39
Sample Period(s)	60
Number of Records	298
Sensor	PID(ppm)
Sensor SN	S023030022B7
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	6/19/2023 7:13
Peak	1.4
Min	0
Average	0.2

****
Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	Wind Direction	Wind Direction
1	6/26/2023 9:41	0.1	0.2	0	e	UW
2	6/26/2023 9:42	0	0.2	0	e	UW
3	6/26/2023 9:43	0	0	0	e	UW
4	6/26/2023 9:44	0	0	0	e	UW
5	6/26/2023 9:45	0	0	0	e	UW

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	Wind Direction	Wind Direction
6	6/26/2023 9:46	0	0	0	e	UW
7	6/26/2023 9:47	0	0	0	e	UW
8	6/26/2023 9:48	0	0	0	e	UW
9	6/26/2023 9:49	0	0	0	e	UW
10	6/26/2023 9:50	0	0	0	e	UW
11	6/26/2023 9:51	0	0	0	e	UW
12	6/26/2023 9:52	0	0	0	e	UW
13	6/26/2023 9:53	0	0	0	e	UW
14	6/26/2023 9:54	0	0	0	e	UW
15	6/26/2023 9:55	0	0	0	e	UW
16	6/26/2023 9:56	0	0	0	e	UW
17	6/26/2023 9:57	0	0	0	e	UW
18	6/26/2023 9:58	0	0	0	e	UW
19	6/26/2023 9:59	0	0	0	e	UW
20	6/26/2023 10:00	0	0	0	e	UW
21	6/26/2023 10:01	0	0	0	e	UW
22	6/26/2023 10:02	0	0	0	e	UW
23	6/26/2023 10:03	0	0	0	e	UW
24	6/26/2023 10:04	0	0	0	e	UW
25	6/26/2023 10:05	0	0	0	e	UW
26	6/26/2023 10:06	0	0	0	ese	UW
27	6/26/2023 10:07	0	0	0	ese	UW
28	6/26/2023 10:08	0	0	0	ese	UW
29	6/26/2023 10:09	0	0	0	ese	UW
30	6/26/2023 10:10	0	0	0	ese	UW
31	6/26/2023 10:11	0	0	0	ese	UW
32	6/26/2023 10:12	0	0	0	ese	UW
33	6/26/2023 10:13	0	0	0	ese	UW
34	6/26/2023 10:14	0	0	0	ese	UW
35	6/26/2023 10:15	0	0	0	ese	UW
36	6/26/2023 10:16	0	0	0	ese	UW
37	6/26/2023 10:17	0	0	0	ese	UW
38	6/26/2023 10:18	0	0	0	ese	UW
39	6/26/2023 10:19	0	0	0	ese	UW
40	6/26/2023 10:20	0	0	0	ese	UW
41	6/26/2023 10:21	0	0	0	ese	UW
42	6/26/2023 10:22	0	0	0	ese	UW
43	6/26/2023 10:23	0	0	0	ese	UW
44	6/26/2023 10:24	0	0	0	ese	UW
45	6/26/2023 10:25	0	0	0	ese	UW
46	6/26/2023 10:26	0	0	0	ese	UW
47	6/26/2023 10:27	0	0	0	ese	UW
48	6/26/2023 10:28	0	0	0	ese	UW
49	6/26/2023 10:29	0	0	0	ese	UW

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	Wind Direction	Wind Direction
50	6/26/2023 10:30	0	0	0	ese	UW
51	6/26/2023 10:31	0	0	0	ese	UW
52	6/26/2023 10:32	0	0	0	ese	UW
53	6/26/2023 10:33	0	0	0	ese	UW
54	6/26/2023 10:34	0	0	0	ese	UW
55	6/26/2023 10:35	0	0	0	ese	UW
56	6/26/2023 10:36	0	0	0	ese	UW
57	6/26/2023 10:37	0	0	0	ese	UW
58	6/26/2023 10:38	0	0	0	ese	UW
59	6/26/2023 10:39	0	0	0	ese	UW
60	6/26/2023 10:40	0	0	0	ese	UW
61	6/26/2023 10:41	0	0	0	ese	UW
62	6/26/2023 10:42	0	0	0	ese	UW
63	6/26/2023 10:43	0	0	0	ese	UW
64	6/26/2023 10:44	0	0	0	ese	UW
65	6/26/2023 10:45	0	0	0	ese	UW
66	6/26/2023 10:46	0	0	0	ese	UW
67	6/26/2023 10:47	0	0	0	ese	UW
68	6/26/2023 10:48	0	0	0	ese	UW
69	6/26/2023 10:49	0	0.1	0	ese	UW
70	6/26/2023 10:50	0	0.1	0	ese	UW
71	6/26/2023 10:51	0	0	0	ese	UW
72	6/26/2023 10:52	0.1	0.1	0.1	ese	UW
73	6/26/2023 10:53	0.1	0.1	0.1	ese	UW
74	6/26/2023 10:54	0.1	0.1	0.1	ese	UW
75	6/26/2023 10:55	0.1	0.1	0.1	ese	UW
76	6/26/2023 10:56	0.1	0.1	0.1	ese	UW
77	6/26/2023 10:57	0.1	0.1	0.1	ese	UW
78	6/26/2023 10:58	0.1	0.1	0.1	ese	UW
79	6/26/2023 10:59	0.1	0.1	0.1	ese	UW
80	6/26/2023 11:00	0.1	0.1	0.1	ese	UW
81	6/26/2023 11:01	0.1	0.1	0.1	ese	UW
82	6/26/2023 11:02	0.1	0.1	0.1	ese	UW
83	6/26/2023 11:03	0.1	0.1	0.1	ese	UW
84	6/26/2023 11:04	0.1	0.1	0.1	ese	UW
85	6/26/2023 11:05	0.1	0.1	0.1	ese	UW
86	6/26/2023 11:06	0.1	0.1	0.1	ese	UW
87	6/26/2023 11:07	0.1	0.1	0.1	ese	UW
88	6/26/2023 11:08	0.1	0.1	0.1	ese	UW
89	6/26/2023 11:09	0.1	0.1	0.1	ese	UW
90	6/26/2023 11:10	0.1	0.1	0.1	ese	UW
91	6/26/2023 11:11	0.1	0.1	0.1	ese	UW
92	6/26/2023 11:12	0.1	0.1	0.1	ese	UW
93	6/26/2023 11:13	0.1	0.1	0.1	ese	UW

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	Wind Direction	Wind Direction
94	6/26/2023 11:14	0.1	0.1	0.1	ese	UW
95	6/26/2023 11:15	0.1	0.1	0.1	ese	UW
96	6/26/2023 11:16	0.1	0.1	0.1	ese	UW
97	6/26/2023 11:17	0.1	0.1	0.1	ese	UW
98	6/26/2023 11:18	0.1	0.1	0.1	ese	UW
99	6/26/2023 11:19	0.1	0.1	0.1	ese	UW
100	6/26/2023 11:20	0.1	0.1	0.1	ese	UW
101	6/26/2023 11:21	0.1	0.1	0.1	ese	UW
102	6/26/2023 11:22	0.1	0.1	0.1	ese	UW
103	6/26/2023 11:23	0.1	0.1	0.1	ese	UW
104	6/26/2023 11:24	0.1	0.1	0.1	ese	UW
105	6/26/2023 11:25	0.1	0.1	0.1	ese	UW
106	6/26/2023 11:26	0.1	0.1	0.1	ese	UW
107	6/26/2023 11:27	0.1	0.1	0.1	ese	UW
108	6/26/2023 11:28	0.1	0.1	0.1	ese	UW
109	6/26/2023 11:29	0.1	0.1	0.1	ese	UW
110	6/26/2023 11:30	0.1	0.1	0.1	ese	UW
111	6/26/2023 11:31	0.1	0.1	0.1	ese	UW
112	6/26/2023 11:32	0.1	0.1	0.1	ese	UW
113	6/26/2023 11:33	0.1	0.1	0.1	ese	UW
114	6/26/2023 11:34	0.1	0.1	0.1	ese	UW
115	6/26/2023 11:35	0.1	0.1	0.1	ese	UW
116	6/26/2023 11:36	0.1	0.1	0.1	ese	UW
117	6/26/2023 11:37	0.1	0.1	0.1	ese	UW
118	6/26/2023 11:38	0.1	0.1	0.1	ese	UW
119	6/26/2023 11:39	0.1	0.1	0.1	ese	UW
120	6/26/2023 11:40	0.1	0.1	0.1	ese	UW
121	6/26/2023 11:41	0.1	0.2	0.2	ese	UW
122	6/26/2023 11:42	0.1	0.2	0.1	ese	UW
123	6/26/2023 11:43	0.2	0.2	0.2	ese	UW
124	6/26/2023 11:44	0.2	0.2	0.2	ese	UW
125	6/26/2023 11:45	0.2	0.2	0.2	ese	UW
126	6/26/2023 11:46	0.2	0.2	0.2	ese	UW
127	6/26/2023 11:47	0.2	0.2	0.2	ese	UW
128	6/26/2023 11:48	0.2	0.2	0.2	ese	UW
129	6/26/2023 11:49	0.2	0.2	0.2	ese	UW
130	6/26/2023 11:50	0.2	0.2	0.2	ese	UW
131	6/26/2023 11:51	0.2	0.2	0.2	ese	UW
132	6/26/2023 11:52	0.2	0.2	0.2	ese	UW
133	6/26/2023 11:53	0.2	0.2	0.2	ese	UW
134	6/26/2023 11:54	0.2	0.2	0.2	ese	UW
135	6/26/2023 11:55	0.2	0.2	0.2	ese	UW
136	6/26/2023 11:56	0.2	0.2	0.2	ese	UW
137	6/26/2023 11:57	0.2	0.2	0.2	ese	UW

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	Wind Direction	Wind Direction
138	6/26/2023 11:58	0.2	0.2	0.2	ese	UW
139	6/26/2023 11:59	0.2	0.2	0.2	ese	UW
140	6/26/2023 12:00	0.2	0.2	0.2	ese	UW
141	6/26/2023 12:01	0.2	0.2	0.2	ese	UW
142	6/26/2023 12:02	0.2	0.2	0.2	ese	UW
143	6/26/2023 12:03	0.2	0.2	0.2	ese	UW
144	6/26/2023 12:04	0.2	0.2	0.2	ese	UW
145	6/26/2023 12:05	0.2	0.2	0.2	ese	UW
146	6/26/2023 12:06	0.2	0.2	0.2	ese	UW
147	6/26/2023 12:07	0.2	0.2	0.2	ese	UW
148	6/26/2023 12:08	0.2	0.2	0.2	ese	UW
149	6/26/2023 12:09	0.2	0.2	0.2	ese	UW
150	6/26/2023 12:10	0.2	0.2	0.2	ese	UW
151	6/26/2023 12:11	0.2	0.2	0.2	ese	UW
152	6/26/2023 12:12	0.2	0.2	0.2	ese	UW
153	6/26/2023 12:13	0.2	0.2	0.2	ese	UW
154	6/26/2023 12:14	0.2	0.2	0.2	ese	UW
155	6/26/2023 12:15	0.2	0.2	0.2	ese	UW
156	6/26/2023 12:16	0.2	0.2	0.2	ese	UW
157	6/26/2023 12:17	0.2	0.2	0.2	ese	UW
158	6/26/2023 12:18	0.2	0.2	0.2	ese	UW
159	6/26/2023 12:19	0.2	0.2	0.2	ese	UW
160	6/26/2023 12:20	0.2	0.2	0.2	ese	UW
161	6/26/2023 12:21	0.2	0.2	0.2	ese	UW
162	6/26/2023 12:22	0.2	0.2	0.2	ese	UW
163	6/26/2023 12:23	0.2	0.2	0.2	ese	UW
164	6/26/2023 12:24	0.2	0.2	0.2	ese	UW
165	6/26/2023 12:25	0.2	0.2	0.2	ese	UW
166	6/26/2023 12:26	0.2	0.2	0.2	ese	UW
167	6/26/2023 12:27	0.2	0.2	0.2	ese	UW
168	6/26/2023 12:28	0.2	0.2	0.2	ese	UW
169	6/26/2023 12:29	0.2	0.2	0.2	ese	UW
170	6/26/2023 12:30	0.2	0.2	0.2	ese	UW
171	6/26/2023 12:31	0.2	0.2	0.2	ese	UW
172	6/26/2023 12:32	0.2	0.2	0.2	ese	UW
173	6/26/2023 12:33	0.2	0.2	0.2	ese	UW
174	6/26/2023 12:34	0.2	0.2	0.2	ese	UW
175	6/26/2023 12:35	0.2	0.2	0.2	ese	UW
176	6/26/2023 12:36	0.2	0.2	0.2	ese	UW
177	6/26/2023 12:37	0.2	0.2	0.2	ese	UW
178	6/26/2023 12:38	0.2	0.2	0.2	ese	UW
179	6/26/2023 12:39	0.2	0.2	0.2	ese	UW
180	6/26/2023 12:40	0.2	0.2	0.2	ese	UW
181	6/26/2023 12:41	0.2	0.3	0.3	ese	UW

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	Wind Direction	Wind Direction
182	6/26/2023 12:42	0.4	0.7	0.2	ese	UW
183	6/26/2023 12:43	0.2	0.2	0.2	ese	UW
184	6/26/2023 12:44	0.2	0.2	0.2	ese	UW
185	6/26/2023 12:45	0.4	1.3	1.2	ese	UW
186	6/26/2023 12:46	0.6	1.4	0.3	ese	UW
187	6/26/2023 12:47	0.3	0.4	0.3	ese	UW
188	6/26/2023 12:48	0.2	0.3	0.2	ese	UW
189	6/26/2023 12:49	0.2	0.2	0.2	ese	UW
190	6/26/2023 12:50	0.2	0.2	0.2	ese	UW
191	6/26/2023 12:51	0.2	0.2	0.2	ese	UW
192	6/26/2023 12:52	0.2	0.2	0.2	ese	UW
193	6/26/2023 12:53	0.2	0.2	0.2	ese	UW
194	6/26/2023 12:54	0.2	0.2	0.2	ese	UW
195	6/26/2023 12:55	0.2	0.2	0.2	ese	UW
196	6/26/2023 12:56	0.2	0.2	0.2	ese	UW
197	6/26/2023 12:57	0.2	0.2	0.2	ese	UW
198	6/26/2023 12:58	0.2	0.2	0.2	ese	UW
199	6/26/2023 12:59	0.2	0.2	0.2	ese	UW
200	6/26/2023 13:00	0.2	0.2	0.2	ese	UW
201	6/26/2023 13:01	0.2	0.2	0.2	ese	UW
202	6/26/2023 13:02	0.2	0.2	0.2	ese	UW
203	6/26/2023 13:03	0.2	0.3	0.2	ese	UW
204	6/26/2023 13:04	0.2	0.3	0.2	ese	UW
205	6/26/2023 13:05	0.2	0.3	0.2	ese	UW
206	6/26/2023 13:06	0.2	0.2	0.2	ese	UW
207	6/26/2023 13:07	0.2	0.2	0.2	ese	UW
208	6/26/2023 13:08	0.2	0.3	0.3	ese	UW
209	6/26/2023 13:09	0.2	0.3	0.2	ese	UW
210	6/26/2023 13:10	0.2	0.2	0.2	ese	UW
211	6/26/2023 13:11	0.2	0.2	0.2	ese	UW
212	6/26/2023 13:12	0.2	0.2	0.2	ese	UW
213	6/26/2023 13:13	0.2	0.2	0.2	ese	UW
214	6/26/2023 13:14	0.2	0.3	0.2	ese	UW
215	6/26/2023 13:15	0.2	0.2	0.2	ese	UW
216	6/26/2023 13:16	0.2	0.2	0.2	ese	UW
217	6/26/2023 13:17	0.2	0.2	0.2	ese	UW
218	6/26/2023 13:18	0.2	0.2	0.2	ese	UW
219	6/26/2023 13:19	0.2	0.2	0.2	ese	UW
220	6/26/2023 13:20	0.2	0.2	0.2	ese	UW
221	6/26/2023 13:21	0.2	0.3	0.2	ese	UW
222	6/26/2023 13:22	0.2	0.2	0.2	ese	UW
223	6/26/2023 13:23	0.2	0.3	0.3	ese	UW
224	6/26/2023 13:24	0.2	0.3	0.2	ese	UW
225	6/26/2023 13:25	0.2	0.2	0.2	ese	UW

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	Wind Direction	Wind Direction
226	6/26/2023 13:26	0.2	0.2	0.2	ese	UW
227	6/26/2023 13:27	0.2	0.2	0.2	ese	UW
228	6/26/2023 13:28	0.2	0.3	0.2	ese	UW
229	6/26/2023 13:29	0.2	0.2	0.2	ese	UW
230	6/26/2023 13:30	0.2	0.3	0.2	ese	UW
231	6/26/2023 13:31	0.2	0.3	0.2	ese	UW
232	6/26/2023 13:32	0.2	0.2	0.2	ese	UW
233	6/26/2023 13:33	0.2	0.2	0.2	ese	UW
234	6/26/2023 13:34	0.2	0.2	0.2	ese	UW
235	6/26/2023 13:35	0.2	0.2	0.2	ese	UW
236	6/26/2023 13:36	0.2	0.2	0.2	ese	UW
237	6/26/2023 13:37	0.2	0.2	0.2	ese	UW
238	6/26/2023 13:38	0.2	0.2	0.2	ese	UW
239	6/26/2023 13:39	0.2	0.2	0.2	ese	UW
240	6/26/2023 13:40	0.2	0.2	0.2	ese	UW
241	6/26/2023 13:41	0.2	0.3	0.2	ese	UW
242	6/26/2023 13:42	0.2	0.2	0.2	ese	UW
243	6/26/2023 13:43	0.2	0.2	0.2	ese	UW
244	6/26/2023 13:44	0.3	0.3	0.2	ese	UW
245	6/26/2023 13:45	0.2	0.2	0.2	ese	UW
246	6/26/2023 13:46	0.2	0.3	0.2	ese	UW
247	6/26/2023 13:47	0.2	0.2	0.2	ese	UW
248	6/26/2023 13:48	0.2	0.3	0.2	ese	UW
249	6/26/2023 13:49	0.2	0.3	0.2	ese	UW
250	6/26/2023 13:50	0.2	0.3	0.2	ese	UW
251	6/26/2023 13:51	0.2	0.3	0.3	ese	UW
252	6/26/2023 13:52	0.2	0.3	0.2	ese	UW
253	6/26/2023 13:53	0.3	0.3	0.3	ese	UW
254	6/26/2023 13:54	0.3	0.3	0.2	ese	UW
255	6/26/2023 13:55	0.3	0.3	0.3	ese	UW
256	6/26/2023 13:56	0.3	0.3	0.3	ese	UW
257	6/26/2023 13:57	0.3	0.3	0.3	ese	UW
258	6/26/2023 13:58	0.3	0.3	0.3	ese	UW
259	6/26/2023 13:59	0.3	0.3	0.3	ese	UW
260	6/26/2023 14:00	0.3	0.3	0.3	ese	UW
261	6/26/2023 14:01	0.3	0.3	0.3	ese	UW
262	6/26/2023 14:02	0.3	0.3	0.3	ese	UW
263	6/26/2023 14:03	0.3	0.4	0.3	ese	UW
264	6/26/2023 14:04	0.3	0.4	0.3	ese	UW
265	6/26/2023 14:05	0.3	0.3	0.3	ese	UW
266	6/26/2023 14:06	0.3	0.3	0.3	ese	UW
267	6/26/2023 14:07	0.3	0.3	0.3	ese	UW
268	6/26/2023 14:08	0.3	0.3	0.3	ese	UW
269	6/26/2023 14:09	0.3	0.3	0.3	ese	UW

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	Wind Direction	Wind Direction
270	6/26/2023 14:10	0.3	0.4	0.3	ese	UW
271	6/26/2023 14:11	0.3	0.3	0.3	ese	UW
272	6/26/2023 14:12	0.3	0.3	0.3	ese	UW
273	6/26/2023 14:13	0.3	0.3	0.3	ese	UW
274	6/26/2023 14:14	0.3	0.3	0.3	ese	UW
275	6/26/2023 14:15	0.3	0.3	0.3	ese	UW
276	6/26/2023 14:16	0.3	0.3	0.3	ese	UW
277	6/26/2023 14:17	0.3	0.3	0.3	ese	UW
278	6/26/2023 14:18	0.3	0.3	0.3	ese	UW
279	6/26/2023 14:19	0.3	0.3	0.3	ese	UW
280	6/26/2023 14:20	0.3	0.3	0.3	ese	UW
281	6/26/2023 14:21	0.3	0.3	0.3	ese	UW
282	6/26/2023 14:22	0.3	0.3	0.3	ese	UW
283	6/26/2023 14:23	0.3	0.3	0.3	ese	UW
284	6/26/2023 14:24	0.4	1.4	1.4	ese	UW
285	6/26/2023 14:25	1.6	3.9	0.4	ese	UW
286	6/26/2023 14:26	0.4	0.4	0.3	ese	UW
287	6/26/2023 14:27	0.4	0.5	0.4	ese	UW
288	6/26/2023 14:28	0.4	0.5	0.4	ese	UW
289	6/26/2023 14:29	0.3	0.4	0.3	ese	UW
290	6/26/2023 14:30	0.3	0.3	0.3	ese	UW
291	6/26/2023 14:31	0.3	0.3	0.3	ese	UW
292	6/26/2023 14:32	0.3	0.3	0.3	ese	UW
293	6/26/2023 14:33	0.3	0.3	0.3	ese	UW
294	6/26/2023 14:34	0.3	0.3	0.3	ese	UW
295	6/26/2023 14:35	0.3	0.3	0.3	ese	UW
296	6/26/2023 14:36	0.3	0.3	0.3	ese	UW
297	6/26/2023 14:37	0.3	0.3	0.3	ese	UW
298	6/26/2023 14:38	0.3	0.3	0.3	ese	UW
Peak		1.6	3.9	1.4		
Min		0	0	0		
Average		0.2	0.2	0.2		

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23/06/27 07:39

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Summary

Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-602546
Unit Firmware Ver	V2.22A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678
Begin	6/27/2023 7:39
End	6/27/2023 13:30
Sample Period(s)	60
Number of Records	350
Sensor	PID(ppm)
Sensor SN	S023030022B7
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	6/19/2023 7:13
Peak	0.8
Min	0
Average	0.3

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Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	Wind direction	Wind direction
1	6/27/2023 7:40	0	0	0	ssw	UW
2	6/27/2023 7:41	0	0	0	ssw	UW
3	6/27/2023 7:42	0	0	0	ssw	UW
4	6/27/2023 7:43	0	0	0	ssw	UW
5	6/27/2023 7:44	0	0	0	ssw	UW
6	6/27/2023 7:45	0.1	0.1	0.1	ssw	UW
7	6/27/2023 7:46	0	0.1	0	ssw	UW
8	6/27/2023 7:47	0	0.1	0.1	ssw	UW
9	6/27/2023 7:48	0.1	0.1	0.1	ssw	UW
10	6/27/2023 7:49	0.1	0.1	0.1	ssw	UW
11	6/27/2023 7:50	0.1	0.1	0.1	ssw	UW
12	6/27/2023 7:51	0.1	0.1	0.1	ssw	UW
13	6/27/2023 7:52	0.1	0.1	0.1	ssw	UW
14	6/27/2023 7:53	0.1	0.1	0.1	ssw	UW
15	6/27/2023 7:54	0.1	0.1	0.1	ssw	UW
16	6/27/2023 7:55	0.1	0.1	0.1	ssw	UW

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	Wind direction	Wind direction
17	6/27/2023 7:56	0.1	0.1	0.1	ssw	UW
18	6/27/2023 7:57	0.1	0.1	0.1	ssw	UW
19	6/27/2023 7:58	0.1	0.1	0.1	S	UW
20	6/27/2023 7:59	0.1	0.1	0.1	S	UW
21	6/27/2023 8:00	0.1	0.1	0.1	S	UW
22	6/27/2023 8:01	0.1	0.1	0.1	S	UW
23	6/27/2023 8:02	0.1	0.1	0.1	S	UW
24	6/27/2023 8:03	0.1	0.1	0.1	S	UW
25	6/27/2023 8:04	0.1	0.2	0.1	S	UW
26	6/27/2023 8:05	0.1	0.1	0.1	S	UW
27	6/27/2023 8:06	0.2	0.2	0.2	S	UW
28	6/27/2023 8:07	0.2	0.2	0.1	S	UW
29	6/27/2023 8:08	0.1	0.2	0.1	S	UW
30	6/27/2023 8:09	0.1	0.1	0.1	S	UW
31	6/27/2023 8:10	0.1	0.2	0.2	S	UW
32	6/27/2023 8:11	0.2	0.2	0.2	S	UW
33	6/27/2023 8:12	0.2	0.2	0.2	S	UW
34	6/27/2023 8:13	0.2	0.2	0.2	S	UW
35	6/27/2023 8:14	0.2	0.2	0.2	S	UW
36	6/27/2023 8:15	0.2	0.2	0.2	S	UW
37	6/27/2023 8:16	0.2	0.2	0.2	S	UW
38	6/27/2023 8:17	0.2	0.2	0.2	S	UW
39	6/27/2023 8:18	0.2	0.2	0.2	S	UW
40	6/27/2023 8:19	0.2	0.2	0.2	S	UW
41	6/27/2023 8:20	0.2	0.2	0.2	SSW	UW
42	6/27/2023 8:21	0.2	0.2	0.2	SSW	UW
43	6/27/2023 8:22	0.2	0.2	0.2	SSW	UW
44	6/27/2023 8:23	0.2	0.2	0.2	SSW	UW
45	6/27/2023 8:24	0.2	0.2	0.2	SSW	UW
46	6/27/2023 8:25	0.2	0.2	0.2	SSW	UW
47	6/27/2023 8:26	0.2	0.2	0.2	SSW	UW
48	6/27/2023 8:27	0.2	0.2	0.2	SSW	UW
49	6/27/2023 8:28	0.2	0.2	0.2	SSW	UW
50	6/27/2023 8:29	0.2	0.2	0.2	SSW	UW
51	6/27/2023 8:30	0.2	0.2	0.2	SSW	UW
52	6/27/2023 8:31	0.2	0.2	0.2	SSW	UW
53	6/27/2023 8:32	0.2	0.2	0.2	SSW	UW
54	6/27/2023 8:33	0.2	0.2	0.2	SSW	UW
55	6/27/2023 8:34	0.2	0.2	0.2	SSW	UW
56	6/27/2023 8:35	0.2	0.2	0.2	SSW	UW
57	6/27/2023 8:36	0.2	0.2	0.2	SSW	UW
58	6/27/2023 8:37	0.2	0.2	0.2	SSW	UW
59	6/27/2023 8:38	0.2	0.2	0.2	SSW	UW
60	6/27/2023 8:39	0.2	0.2	0.2	SSW	UW

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	Wind direction	Wind direction
61	6/27/2023 8:40	0.2	0.2	0.2	SSW	UW
62	6/27/2023 8:41	0.2	0.2	0.2	SSW	UW
63	6/27/2023 8:42	0.2	0.2	0.2	SSW	UW
64	6/27/2023 8:43	0.2	0.2	0.2	SSW	UW
65	6/27/2023 8:44	0.2	0.2	0.2	SSW	UW
66	6/27/2023 8:45	0.2	0.2	0.2	SSW	UW
67	6/27/2023 8:46	0.2	0.2	0.2	SSW	UW
68	6/27/2023 8:47	0.2	0.2	0.2	SSW	UW
69	6/27/2023 8:48	0.2	0.2	0.2	SSW	UW
70	6/27/2023 8:49	0.2	0.2	0.2	SSW	UW
71	6/27/2023 8:50	0.2	0.2	0.2	SSW	UW
72	6/27/2023 8:51	0.2	0.2	0.2	SSW	UW
73	6/27/2023 8:52	0.2	0.2	0.2	SSW	UW
74	6/27/2023 8:53	0.2	0.2	0.2	SSW	UW
75	6/27/2023 8:54	0.2	0.2	0.2	SSW	UW
76	6/27/2023 8:55	0.2	0.2	0.2	SSW	UW
77	6/27/2023 8:56	0.2	0.2	0.2	SSW	UW
78	6/27/2023 8:57	0.2	0.3	0.2	SSW	UW
79	6/27/2023 8:58	0.2	0.2	0.2	SSW	UW
80	6/27/2023 8:59	0.2	0.2	0.2	SSW	UW
81	6/27/2023 9:00	0.2	0.2	0.2	SSW	UW
82	6/27/2023 9:01	0.2	0.2	0.2	SSW	UW
83	6/27/2023 9:02	0.2	0.2	0.2	SSW	UW
84	6/27/2023 9:03	0.2	0.2	0.2	SSW	UW
85	6/27/2023 9:04	0.2	0.2	0.2	SSW	UW
86	6/27/2023 9:05	0.2	0.3	0.2	SSW	UW
87	6/27/2023 9:06	0.2	0.2	0.2	SSW	UW
88	6/27/2023 9:07	0.2	0.2	0.2	SSW	UW
89	6/27/2023 9:08	0.2	0.2	0.2	SSW	UW
90	6/27/2023 9:09	0.2	0.2	0.2	SSW	UW
91	6/27/2023 9:10	0.2	0.2	0.2	SSW	UW
92	6/27/2023 9:11	0.2	0.3	0.2	SSW	UW
93	6/27/2023 9:12	0.2	0.3	0.2	SSW	UW
94	6/27/2023 9:13	0.2	0.2	0.2	SSW	UW
95	6/27/2023 9:14	0.2	0.2	0.2	SSW	UW
96	6/27/2023 9:15	0.3	0.3	0.3	SSW	UW
97	6/27/2023 9:16	0.2	0.3	0.2	SSW	UW
98	6/27/2023 9:17	0.2	0.2	0.2	SSW	UW
99	6/27/2023 9:18	0.2	0.2	0.2	SSW	UW
100	6/27/2023 9:19	0.2	0.2	0.2	SSW	UW
101	6/27/2023 9:20	0.2	0.2	0.2	SSW	UW
102	6/27/2023 9:21	0.2	0.2	0.2	SSW	UW
103	6/27/2023 9:22	0.2	0.2	0.2	SSW	UW
104	6/27/2023 9:23	0.2	0.2	0.2	SSW	UW

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	Wind direction	Wind direction
105	6/27/2023 9:24	0.2	0.2	0.2	SSW	UW
106	6/27/2023 9:25	0.2	0.2	0.2	SSW	UW
107	6/27/2023 9:26	0.2	0.2	0.2	SSW	UW
108	6/27/2023 9:27	0.2	0.2	0.2	SSW	UW
109	6/27/2023 9:28	0.2	0.2	0.2	SSW	UW
110	6/27/2023 9:29	0.2	0.3	0.3	SSW	UW
111	6/27/2023 9:30	0.3	0.4	0.3	SSW	UW
112	6/27/2023 9:31	0.2	0.3	0.2	SSW	UW
113	6/27/2023 9:32	0.2	0.2	0.2	SSW	UW
114	6/27/2023 9:33	0.2	0.2	0.2	SSW	UW
115	6/27/2023 9:34	0.2	0.2	0.2	SSW	UW
116	6/27/2023 9:35	0.2	0.2	0.2	SSW	UW
117	6/27/2023 9:36	0.2	0.3	0.3	SSW	UW
118	6/27/2023 9:37	0.3	0.3	0.3	SSW	UW
119	6/27/2023 9:38	0.3	0.3	0.3	SSW	UW
120	6/27/2023 9:39	0.3	0.3	0.3	SSW	UW
121	6/27/2023 9:40	0.3	0.3	0.3	SSW	UW
122	6/27/2023 9:41	0.3	0.3	0.3	SSW	UW
123	6/27/2023 9:42	0.3	0.3	0.3	SSW	UW
124	6/27/2023 9:43	0.3	0.3	0.3	SSW	UW
125	6/27/2023 9:44	0.3	0.3	0.3	SSW	UW
126	6/27/2023 9:45	0.3	0.3	0.3	SSW	UW
127	6/27/2023 9:46	0.3	0.3	0.3	SSW	UW
128	6/27/2023 9:47	0.3	0.3	0.3	SSW	UW
129	6/27/2023 9:48	0.3	0.3	0.3	SSW	UW
130	6/27/2023 9:49	0.3	0.3	0.3	SSW	UW
131	6/27/2023 9:50	0.3	0.3	0.3	SSW	UW
132	6/27/2023 9:51	0.3	0.3	0.3	SSW	UW
133	6/27/2023 9:52	0.3	0.3	0.3	SSW	UW
134	6/27/2023 9:53	0.3	0.3	0.3	SSW	UW
135	6/27/2023 9:54	0.3	0.3	0.3	SSW	UW
136	6/27/2023 9:55	0.3	0.3	0.3	SSW	UW
137	6/27/2023 9:56	0.3	0.3	0.3	SSW	UW
138	6/27/2023 9:57	0.3	0.3	0.3	SSW	UW
139	6/27/2023 9:58	0.3	0.3	0.3	SSW	UW
140	6/27/2023 9:59	0.3	0.3	0.3	SSW	UW
141	6/27/2023 10:00	0.3	0.3	0.3	SSW	UW
142	6/27/2023 10:01	0.3	0.3	0.3	SSW	UW
143	6/27/2023 10:02	0.3	0.3	0.3	SSW	UW
144	6/27/2023 10:03	0.3	0.3	0.3	SSW	UW
145	6/27/2023 10:04	0.3	0.3	0.3	SSW	UW
146	6/27/2023 10:05	0.3	0.3	0.3	SSW	UW
147	6/27/2023 10:06	0.3	0.3	0.3	SSW	UW
148	6/27/2023 10:07	0.3	0.3	0.3	SSW	UW

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	Wind direction	Wind direction
149	6/27/2023 10:08	0.3	0.3	0.3	SSW	UW
150	6/27/2023 10:09	0.3	0.3	0.3	SSW	UW
151	6/27/2023 10:10	0.3	0.3	0.3	SSW	UW
152	6/27/2023 10:11	0.3	0.3	0.3	SSW	UW
153	6/27/2023 10:12	0.3	0.3	0.3	SSW	UW
154	6/27/2023 10:13	0.3	0.3	0.3	SSW	UW
155	6/27/2023 10:14	0.3	0.3	0.3	SSW	UW
156	6/27/2023 10:15	0.3	0.3	0.3	SSW	UW
157	6/27/2023 10:16	0.3	0.3	0.3	SSW	UW
158	6/27/2023 10:17	0.3	0.3	0.3	SSW	UW
159	6/27/2023 10:18	0.3	0.3	0.3	SSW	UW
160	6/27/2023 10:19	0.3	0.3	0.3	SSW	UW
161	6/27/2023 10:20	0.3	0.3	0.3	SSW	UW
162	6/27/2023 10:21	0.3	0.3	0.3	SSW	UW
163	6/27/2023 10:22	0.3	0.3	0.3	SSW	UW
164	6/27/2023 10:23	0.3	0.3	0.3	SSW	UW
165	6/27/2023 10:24	0.3	0.3	0.3	SSW	UW
166	6/27/2023 10:25	0.3	0.3	0.3	SSW	UW
167	6/27/2023 10:26	0.3	0.3	0.3	SSW	UW
168	6/27/2023 10:27	0.3	0.3	0.3	SSW	UW
169	6/27/2023 10:28	0.3	0.3	0.3	SSW	UW
170	6/27/2023 10:29	0.3	0.3	0.3	SSW	UW
171	6/27/2023 10:30	0.3	0.3	0.3	SSW	UW
172	6/27/2023 10:31	0.3	0.3	0.3	SSW	UW
173	6/27/2023 10:32	0.3	0.3	0.3	SSW	UW
174	6/27/2023 10:33	0.3	0.3	0.3	SSW	UW
175	6/27/2023 10:34	0.3	0.3	0.3	SSW	UW
176	6/27/2023 10:35	0.3	0.3	0.3	SSW	UW
177	6/27/2023 10:36	0.3	0.3	0.3	SSW	UW
178	6/27/2023 10:37	0.3	0.3	0.3	SSW	UW
179	6/27/2023 10:38	0.3	0.3	0.3	SSW	UW
180	6/27/2023 10:39	0.3	0.3	0.3	SSW	UW
181	6/27/2023 10:40	0.3	0.3	0.3	SSW	UW
182	6/27/2023 10:41	0.3	0.3	0.3	SSW	UW
183	6/27/2023 10:42	0.3	0.3	0.3	SSW	UW
184	6/27/2023 10:43	0.3	0.3	0.3	SSW	UW
185	6/27/2023 10:44	0.3	0.3	0.3	SSW	UW
186	6/27/2023 10:45	0.3	0.3	0.3	SSW	UW
187	6/27/2023 10:46	0.3	0.3	0.3	SSW	UW
188	6/27/2023 10:47	0.3	0.3	0.3	SSW	UW
189	6/27/2023 10:48	0.3	0.3	0.3	SSW	UW
190	6/27/2023 10:49	0.3	0.4	0.3	SSW	UW
191	6/27/2023 10:50	0.3	0.3	0.3	SSW	UW
192	6/27/2023 10:51	0.3	0.3	0.3	SSW	UW

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	Wind direction	Wind direction
193	6/27/2023 10:52	0.3	0.3	0.3	SSW	UW
194	6/27/2023 10:53	0.3	0.3	0.3	SSW	UW
195	6/27/2023 10:54	0.3	0.3	0.3	SSW	UW
196	6/27/2023 10:55	0.3	0.3	0.3	SSW	UW
197	6/27/2023 10:56	0.3	0.3	0.3	SSW	UW
198	6/27/2023 10:57	0.3	0.3	0.3	SSW	UW
199	6/27/2023 10:58	0.3	0.3	0.3	SSW	UW
200	6/27/2023 10:59	0.3	0.3	0.3	SSW	UW
201	6/27/2023 11:00	0.3	0.3	0.3	SSW	UW
202	6/27/2023 11:01	0.3	0.3	0.3	SSW	UW
203	6/27/2023 11:02	0.3	0.4	0.4	SSW	UW
204	6/27/2023 11:03	0.4	0.4	0.4	SSW	UW
205	6/27/2023 11:04	0.4	0.4	0.4	SSW	UW
206	6/27/2023 11:05	0.4	0.4	0.4	SSW	UW
207	6/27/2023 11:06	0.4	0.4	0.4	SSW	UW
208	6/27/2023 11:07	0.3	0.4	0.4	SSW	UW
209	6/27/2023 11:08	0.4	0.4	0.3	SSW	UW
210	6/27/2023 11:09	0.3	0.3	0.3	SSW	UW
211	6/27/2023 11:10	0.3	0.3	0.3	SSW	UW
212	6/27/2023 11:11	0.3	0.3	0.3	SSW	UW
213	6/27/2023 11:12	0.3	0.3	0.3	SSW	UW
214	6/27/2023 11:13	0.3	0.3	0.3	SSW	UW
215	6/27/2023 11:14	0.3	0.3	0.3	SSW	UW
216	6/27/2023 11:15	0.3	0.3	0.3	SSW	UW
217	6/27/2023 11:16	0.3	0.3	0.3	SSW	UW
218	6/27/2023 11:17	0.3	0.4	0.3	SSW	UW
219	6/27/2023 11:18	0.4	0.4	0.4	SSW	UW
220	6/27/2023 11:19	0.4	0.4	0.4	SSW	UW
221	6/27/2023 11:20	0.4	0.5	0.4	SSW	UW
222	6/27/2023 11:21	0.4	0.4	0.4	SSW	UW
223	6/27/2023 11:22	0.4	0.4	0.4	SSW	UW
224	6/27/2023 11:23	0.4	0.4	0.4	SSW	UW
225	6/27/2023 11:24	0.4	0.4	0.4	SSW	UW
226	6/27/2023 11:25	0.4	0.5	0.4	SSW	UW
227	6/27/2023 11:26	0.4	0.4	0.4	SSW	UW
228	6/27/2023 11:27	0.4	0.5	0.4	SSW	UW
229	6/27/2023 11:28	0.4	0.4	0.4	SSW	UW
230	6/27/2023 11:29	0.4	0.4	0.4	SSW	UW
231	6/27/2023 11:30	0.4	0.5	0.4	SSW	UW
232	6/27/2023 11:31	0.4	0.4	0.4	SSW	UW
233	6/27/2023 11:32	0.4	0.4	0.4	SSW	UW
234	6/27/2023 11:33	0.4	0.4	0.4	SSW	UW
235	6/27/2023 11:34	0.4	0.4	0.4	SSW	UW
236	6/27/2023 11:35	0.4	0.4	0.4	SSW	UW

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	Wind direction	Wind direction
237	6/27/2023 11:36	0.4	0.4	0.4	SSW	UW
238	6/27/2023 11:37	0.4	0.4	0.4	SSW	UW
239	6/27/2023 11:38	0.4	0.4	0.4	SSW	UW
240	6/27/2023 11:39	0.4	0.4	0.4	SSW	UW
241	6/27/2023 11:40	0.4	0.4	0.4	SSW	UW
242	6/27/2023 11:41	0.4	0.4	0.4	SSW	UW
243	6/27/2023 11:42	0.4	0.4	0.4	SSW	UW
244	6/27/2023 11:43	0.4	0.4	0.4	SSW	UW
245	6/27/2023 11:44	0.4	0.4	0.4	SSW	UW
246	6/27/2023 11:45	0.4	0.4	0.4	SSW	UW
247	6/27/2023 11:46	0.4	0.4	0.4	SSW	UW
248	6/27/2023 11:47	0.4	0.4	0.4	SSW	UW
249	6/27/2023 11:48	0.4	0.4	0.4	SSW	UW
250	6/27/2023 11:49	0.4	0.4	0.4	SSW	UW
251	6/27/2023 11:50	0.4	0.5	0.4	SSW	UW
252	6/27/2023 11:51	0.4	0.5	0.5	SSW	UW
253	6/27/2023 11:52	0.4	0.5	0.4	SSW	UW
254	6/27/2023 11:53	0.4	0.5	0.4	SSW	UW
255	6/27/2023 11:54	0.4	0.5	0.4	SSW	UW
256	6/27/2023 11:55	0.4	0.5	0.4	SSW	UW
257	6/27/2023 11:56	0.4	0.4	0.4	SSW	UW
258	6/27/2023 11:57	0.4	0.4	0.4	SSW	UW
259	6/27/2023 11:58	0.4	0.4	0.4	SSW	UW
260	6/27/2023 11:59	0.4	0.4	0.4	SSW	UW
261	6/27/2023 12:00	0.4	0.5	0.4	SSW	UW
262	6/27/2023 12:01	0.4	0.5	0.4	SSW	UW
263	6/27/2023 12:02	0.5	0.5	0.4	SSW	UW
264	6/27/2023 12:03	0.4	0.5	0.4	SSW	UW
265	6/27/2023 12:04	0.4	0.5	0.5	SSW	UW
266	6/27/2023 12:05	0.5	0.8	0.8	SSW	UW
267	6/27/2023 12:06	0.5	0.8	0.4	SSW	UW
268	6/27/2023 12:07	0.4	0.4	0.4	SSW	UW
269	6/27/2023 12:08	0.4	0.4	0.4	SSW	UW
270	6/27/2023 12:09	0.4	0.4	0.4	SSW	UW
271	6/27/2023 12:10	0.4	0.4	0.4	SSW	UW
272	6/27/2023 12:11	0.4	0.4	0.4	SSW	UW
273	6/27/2023 12:12	0.4	0.4	0.4	SSW	UW
274	6/27/2023 12:13	0.4	0.4	0.4	SSW	UW
275	6/27/2023 12:14	0.4	0.4	0.4	SSW	UW
276	6/27/2023 12:15	0.4	0.4	0.4	SSW	UW
277	6/27/2023 12:16	0.4	0.5	0.4	SSW	UW
278	6/27/2023 12:17	0.4	0.4	0.4	SSW	UW
279	6/27/2023 12:18	0.4	0.4	0.4	SSW	UW
280	6/27/2023 12:19	0.4	0.4	0.4	SSW	UW

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	Wind direction	Wind direction
281	6/27/2023 12:20	0.4	0.4	0.4	SSW	UW
282	6/27/2023 12:21	0.4	0.4	0.4	SSW	UW
283	6/27/2023 12:22	0.4	0.4	0.4	SSW	UW
284	6/27/2023 12:23	0.4	0.4	0.4	SSW	UW
285	6/27/2023 12:24	0.4	0.4	0.4	SSW	UW
286	6/27/2023 12:25	0.4	0.4	0.4	SSW	UW
287	6/27/2023 12:26	0.4	0.4	0.4	SSW	UW
288	6/27/2023 12:27	0.4	0.4	0.4	SSW	UW
289	6/27/2023 12:28	0.4	0.4	0.4	SSW	UW
290	6/27/2023 12:29	0.4	0.4	0.4	SSW	UW
291	6/27/2023 12:30	0.4	0.4	0.4	SSW	UW
292	6/27/2023 12:31	0.4	0.4	0.4	SSW	UW
293	6/27/2023 12:32	0.4	0.4	0.4	SSW	UW
294	6/27/2023 12:33	0.4	0.4	0.4	SSW	UW
295	6/27/2023 12:34	0.4	0.4	0.4	SSW	UW
296	6/27/2023 12:35	0.4	0.4	0.4	SSW	UW
297	6/27/2023 12:36	0.4	0.4	0.4	SSW	UW
298	6/27/2023 12:37	0.4	0.4	0.4	SSW	UW
299	6/27/2023 12:38	0.4	0.4	0.4	SSW	UW
300	6/27/2023 12:39	0.4	0.4	0.4	SSW	UW
301	6/27/2023 12:40	0.4	0.4	0.4	SSW	UW
302	6/27/2023 12:41	0.4	0.4	0.4	SSW	UW
303	6/27/2023 12:42	0.4	0.4	0.4	SSW	UW
304	6/27/2023 12:43	0.4	0.4	0.4	SSW	UW
305	6/27/2023 12:44	0.4	0.4	0.4	SSW	UW
306	6/27/2023 12:45	0.4	0.4	0.4	SSW	UW
307	6/27/2023 12:46	0.4	0.4	0.4	SSW	UW
308	6/27/2023 12:47	0.4	0.4	0.3	SSW	UW
309	6/27/2023 12:48	0.4	0.4	0.4	SSW	UW
310	6/27/2023 12:49	0.3	0.3	0.3	SSW	UW
311	6/27/2023 12:50	0.3	0.3	0.3	SSW	UW
312	6/27/2023 12:51	0.3	0.3	0.3	SSW	UW
313	6/27/2023 12:52	0.3	0.3	0.3	SSW	UW
314	6/27/2023 12:53	0.3	0.3	0.3	SSW	UW
315	6/27/2023 12:54	0.3	0.3	0.3	SSW	UW
316	6/27/2023 12:55	0.3	0.3	0.3	SSW	UW
317	6/27/2023 12:56	0.2	0.3	0.2	SSW	UW
318	6/27/2023 12:57	0.2	0.2	0.2	SSW	UW
319	6/27/2023 12:58	0.2	0.2	0.2	SSW	UW
320	6/27/2023 12:59	0.2	0.2	0.2	SSW	UW
321	6/27/2023 13:00	0.2	0.2	0.2	SSW	UW
322	6/27/2023 13:01	0.2	0.2	0.2	SSW	UW
323	6/27/2023 13:02	0.2	0.2	0.2	SSW	UW
324	6/27/2023 13:03	0.2	0.2	0.2	SSW	UW

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	Wind direction	Wind direction
325	6/27/2023 13:04	0.2	0.2	0.2	SSW	UW
326	6/27/2023 13:05	0.1	0.2	0.1	SSW	UW
327	6/27/2023 13:06	0.1	0.1	0.1	SSW	UW
328	6/27/2023 13:07	0.1	0.1	0	SSW	UW
329	6/27/2023 13:08	0	0	0	SSW	UW
330	6/27/2023 13:09	0	0	0	SSW	UW
331	6/27/2023 13:10	0	0	0	SSW	UW
332	6/27/2023 13:11	0	0	0	SSW	UW
333	6/27/2023 13:12	0	0	0	SSW	UW
334	6/27/2023 13:13	0	0	0	SSW	UW
335	6/27/2023 13:14	0	0	0	SSW	UW
336	6/27/2023 13:15	0	0	0	SSW	UW
337	6/27/2023 13:16	0	0	0	SSW	UW
338	6/27/2023 13:17	0	0	0	SSW	UW
339	6/27/2023 13:18	0	0	0	SSW	UW
340	6/27/2023 13:19	0	0	0	SSW	UW
341	6/27/2023 13:20	0	0	0	SSW	UW
342	6/27/2023 13:21	0	0	0	SSW	UW
343	6/27/2023 13:22	0	0	0	SSW	UW
344	6/27/2023 13:23	0	0	0	SSW	UW
345	6/27/2023 13:24	0	0	0	SSW	UW
346	6/27/2023 13:25	0.1	0.1	0.1	SSW	UW
347	6/27/2023 13:26	0.1	0.1	0.1	SSW	UW
348	6/27/2023 13:27	0.1	0.1	0.1	SSW	UW
349	6/27/2023 13:28	0.1	0.1	0.1	SSW	UW
350	6/27/2023 13:29	0.1	0.1	0.1	SSW	UW
Peak		0.5	0.8	0.8		
Min		0	0	0		
Average		0.3	0.3	0.3		

Appendix D
Soil Boring/ Well Construction Logs



Environmental Consulting & Management Services, Inc.
New City, NY

Boring LOG

BORING NAME: SB-A Sump

CLIENT: Redscrib, LLC
PROJECT: BCP ID: C344085 Former DEC ID: 3-3926-00285
LOCATION: 43-45 Lafayette Ave. Suffern, NY

DATE STARTED/COMPLETED: 7/24/23 & 7/31/23
LOGGED BY: H. Sudwischer
DRILLER: ECMS, Inc.
RIG: Hand Auger

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Completion
0"				
12"	*1	Not Recorded		
24"	*2	NR		
36"	*3	>5000ppm		
	▽5			
48"	*4	65ppm		

Hand Auger

Soil Samples ID

*1 SB-A Sump W (1') @ 1140
*2 SB-A Sump B (2.5') @ 1155
*3 SB-A Sump H (3.0') @ 1235
*4 SB-A Sump B (4.0') @ 1320

Ground Water Sample ID

Grab

▽5 Sump

Notes: ppm=parts per million,

Field Description of Soil

(0"-18") Avoid was present where the Plastic liner was present.
*1 was collected from 12" on west sidewall of the sump
▷ 0" starts at Basement grade.
@(12") soils were Brown f. sands, silts w/few gravels Brown unsorted dry NO odor
30" Gray stained soils have sewer smell consistany f. sands silts w/few gravel is same unsorted moist
36" Brown soils with obvious solvent odor soon as Hand Auger flight removed from boring mostly f. sand & silts
48" SAA odor not obvious and
@48" - Refusal with Hand Auger

BORE HOLE DATA
Drilling Method: Hand Auger
Hole Dia.: 3-inch
Depth: 48-inches

WELL DATA
Riser Type: N/A
Riser Dia.:
Riser Length:
Interval:
Screen Type:
Screen Dia.:
Screen Length:
Slot:
Interval:

FILTER PACK
Source:
Composition:
Volume Used:
Interval:

GROUT / SEAL
Type: Bentonite
Volume Used:
Interval:

WELL HEAD COMPLETION
Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

WELL DEVELOPMENT
Performed: ☐ YES ☐ NO
Method:
Amt. Purged: N/A
Date:

LEGEND

Native Soils
* Sump ext. Below grade
▽ Depth to water @ 36"

trace=1–10%
little=10–20%
some=20–30%
and=30–50%

very fine sand=0.6–0.13mm
fine sand=0.13–0.25mm
medium sand=0.25–0.50mm
course sand=0.5–1mm
very course sand=1–2mm

pebble=2–4mm
gravel=4–64mm
cobble=64–256mm
boulder=256mm
groundwater table

Environmental Consulting & Management Services, Inc.
New City, NY

Boring LOG

BORING NAME: SB-A #1

CLIENT: Redscrib, LLC
PROJECT: BCP ID: C344085 Former DEC ID: 3-3926-00285
LOCATION: 43-45 Lafayette Ave. Suffern, NY

DATE STARTED/COMPLETED: 7/31/23
LOGGED BY: H. Sudwischer
DRILLER: ECMS, Inc.
RIG: Hand Auger

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Completion	Field Description of Soil
0"					(0"-4") Concrete & Fill Base
12"		15.0 ppm			(4"-20") Brown F. sand & Silt with some F.-C. gravels
24"	*1	17.2 ppm	Hand Augers		(20"-28") Mostly f. sand & Silts/clay sorted Brown
36"		16.4 ppm			(28"-32") More silts/clay w/ some f. sands & f. gravels
48"	*2	109 ppm			(32"-42") SAA
		41 ppm			(42"-49") Majority Silts and clay soils dry
60"					(49"-59") SAA Refusal @ 59" with Hand Auger

0835

Soil Samples ID
*1 SB-A #1 (26"-32")
*2 SB-A #1 (42"-59")

Notes: ppm=parts per million,

BORE HOLE DATA
Drilling Method: Hand Auger
Hole Dia.: 3-inch
Depth: 59"

WELL DATA
Riser Type: N/A
Riser Dia.:
Riser Length:
Interval:
Screen Type:
Screen Dia.:
Screen Length:
Slot:
Interval:

FILTER PACK
Source:
Composition:
Volume Used:
Interval:

GROUT / SEAL
Type: Bentonite
Volume Used:
Interval:

WELL HEAD COMPLETION
Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

WELL DEVELOPMENT
Performed: ☐ YES ☐ NO
Method: N/A
Amt. Purged:
Date:

LEGEND

Native
Concrete Slab
Boring

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

pebble=2-4mm
gravel=4-64mm
cobble=64-256mm
boulder=256mm
groundwater table

Environmental Consulting & Management Services, Inc.
New City, NY

Boring LOG

BORING NAME
SB-A #2

CLIENT: Redscrib, LLC
PROJECT: BCP ID: C344085 Former DEC ID: 3-3926-00285
LOCATION: 43-45 Lafayette Ave. Suffern, NY

DATE STARTED/COMPLETED: 7/31/23
LOGGED BY: H. Sudwischer
DRILLER: ECMS, Inc.
RIG: Hand Auger

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Completion
12"		3.5		
24"		7.2		
36"	*1	5.1		
	*2	9.8		
48"		8.5		

Hand Auger

Field Description of Soil

(0"-3") Concrete + Fill base
(3"-12") Brown f. sand & silt with some f.-c. gravel not sorted dry
(12"-24") SAA, with more silt/clay sorted into lens of silt/clay and f. sand dry
(24"-36") Silt/clay moist sorted few sands No odors observable
(36"-48") SAA

Refusal @ 48" with Hand Auger

Soil Sample ID

*1 SB-A #2 (31"-36") @ 0940
*2 SB-A #2 (39"-45") @ 0950

Notes: ppm=parts per million,

BORE HOLE DATA
Drilling Method: Hand Auger
Hole Dia.: 3-inch
Depth: 47"

WELL DATA
Riser Type: N/A
Riser Dia.:
Riser Length:
Interval:
Screen Type:
Screen Dia.:
Screen Length:
Slot:
Interval:

FILTER PACK
Source:
Composition:
Volume Used:
Interval:

GROUT / SEAL
Type: Bentonite
Volume Used:
Interval:

WELL HEAD COMPLETION
Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

WELL DEVELOPMENT
Performed: ☐ YES ☐ NO
Method: N/A
Amt. Purged:
Date:

LEGEND

concrete
Native soils

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

pebble=2-4mm
gravel=4-64mm
cobble=64-256mm
boulder=256mm
groundwater table

Environmental Consulting & Management Services, Inc. New City, NY

Boring LOG

BORING NAME SB-B #5

CLIENT: Redscrib LLC
PROJECT: BCP ID: C 344085 / Former DEC ID: 3-3926-00285
LOCATION: 43-45 Lafayette Ave. Suffern, NY

DATE STARTED/COMPLETED: 6/27/23 & 7/31/23
LOGGED BY: H. Sudwischer
DRILLER: ~~Costal~~ ECMS
RIG: ~~Geoprobe~~ None Hand Auger

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Boring ~~Well~~ Completion	Field Description of Soil
0"					(0'-0.5') Concrete + fill
6"	*1	10ppm			(0.5'-18") f.-c. Sand gravels f.-c. and trace silts/clays
12"					18"-31" Brown Silt and f. sand little to few clays
18"		2.1			31"-38" Same as Above
24"					38"-43" Same as Above Refusal @ 43"
30"	*2	2.8ppm			
36"					
42"		1.2			
48"					

Hand Auger pull

Samples Collected
6/27/23 *1 SB-B (0'-1') @ 1310
7/31/23 *2 SB-B #5 (32"-38") @ 1200

6/27/23 - Groundwater was present @ 12". Couldn't advance Auger further due to Hole collasping

7/31/23 - Groundwater recorded from basement was able to advance until 48".

Notes: ppm=parts per million, nd=not detected

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LEGEND

Native
Concrete

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

pebble=2-4mm
gravel=4-64mm
cobble=64-256mm
boulder=256mm
groundwater table

BORE HOLE DATA

Drilling Method: ~~Direct Push~~ Auger
Hole Dia.: 3-inch
Depth: 3

WELL DATA

Riser Type: N/A
Riser Dia.:
Riser Length:
Interval:

Screen Type:
Screen Dia.:
Screen Length:
Slot:
Interval:

FILTER PACK

Source:
Composition:
Volume Used:
Interval:

GROUT / SEAL

Type: Bentonite
Volume Used:
Interval:

WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method:
Amt. Purged: N/A
Date:

Environmental Consulting & Management Services, Inc.
New City, NY

Boring LOG

BORING NAME: SB-B #6

CLIENT: Redscrib, LLC
PROJECT: BCP ID: C344085 Former DEC ID: 3-3926-00285
LOCATION: 43-45 Lafayette Ave. Suffern, NY

DATE STARTED/COMPLETED: 7/31/23
LOGGED BY: H. Sudwischer
DRILLER: ECMS, Inc.
RIG: Hand Auger

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Completion	Field Description of Soil
0"					(0"-3") Concrete & fill base
12"		1.1 ppm	Hand Auger		(3"-12") Brown f. sand & silt with some f.-c. gravels dry unsorted
24"		1.2 ppm			(12"-24") Same As Above (SAA) with silt/clay as main soils
36"	*	1.7 ppm			(24"-36") Brown Moist Silt/clay sorted no decernable odor
48"		0.7 ppm			(36"-45") SAA
					Refusal @ 45" with Hand Auger
					Soil Sample ID *SB-B #6 (30"-35")

Notes: ppm=parts per million,

BORE HOLE DATA
Drilling Method: Hand Auger
Hole Dia.: 3-inch
Depth: 45"

WELL DATA
Riser Type: N/A
Riser Dia.:
Riser Length:
Interval:
Screen Type:
Screen Dia.:
Screen Length:
Slot:
Interval:

FILTER PACK
Source:
Composition:
Volume Used:
Interval:

GROUT / SEAL
Type: Bentonite
Volume Used:
Interval:

WELL HEAD COMPLETION
Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

WELL DEVELOPMENT
Performed: ☐ YES ☐ NO
Method: N/A
Amt. Purged:
Date:

LEGEND

Native
Concrete

trace=1–10%
little=10–20%
some=20–30%
and=30–50%

very fine sand=0.6–0.13mm
fine sand=0.13–0.25mm
medium sand=0.25–0.50mm
course sand=0.5–1mm
very course sand=1–2mm

pebble=2–4mm
gravel=4–64mm
cobble=64–256mm
boulder=256mm
groundwater table

Environmental Consulting & Management Services, Inc.
New City, NY

Boring LOG

BORING NAME: SB-B#7

CLIENT: Redscrib, LLC
PROJECT: BCP ID: C344085 Former DEC ID: 3-3926-00285
LOCATION: 43-45 Lafayette Ave. Suffern, NY

DATE STARTED/COMPLETED: 7/31/23
LOGGED BY: H. Sudwischer
DRILLER: ECMS, Inc.
RIG: Hand Auger

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Completion	Field Description of Soil
0"					(0"-3") Concrete & Fill
12"		0.4ppm	Hand Auger		(3"-12") Brown f. sand silt/ clay with f. to c gravels NO sorting, dry
24"		0.7ppm			(12"-24") SAA with increasing more clay/silt as Auger Advanced. Dry Sorting w/lens of silt/clay & f. sand
36"	*	2.0ppm			(24"-36") Mostly silt/clay moist sorted less f. sand NO odors
48"		1.2ppm			(36"-46") SAA

Refusal @ 46" with Hand Auger

Soil Sample ID
* SB-B#7 (36"-41") @1345

Notes: ppm=parts per million,

BORE HOLE DATA
Drilling Method: Hand Auger
Hole Dia.: 3-inch
Depth: 46"

WELL DATA
Riser Type: N/A
Riser Dia.:
Riser Length:
Interval:
Screen Type:
Screen Dia.:
Screen Length:
Slot:
Interval:

FILTER PACK
Source:
Composition:
Volume Used:
Interval:

GROUT / SEAL
Type: Bentonite
Volume Used:
Interval:

WELL HEAD COMPLETION
Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

WELL DEVELOPMENT
Performed: ☐ YES ☐ NO
Method: N/A
Amt. Purged:
Date:

LEGEND

Concrete
Native soils

trace=1–10%
little=10–20%
some=20–30%
and=30–50%

very fine sand=0.6–0.13mm
fine sand=0.13–0.25mm
medium sand=0.25–0.50mm
course sand=0.5–1mm
very course sand=1–2mm

pebble=2–4mm
gravel=4–64mm
cobble=64–256mm
boulder=256mm
groundwater table

Environmental Consulting & Management Services, Inc.
New City, NY

Well / Boring LOG

BORING NAME: SB-C / MW-3

CLIENT: Redscrib, LLC
PROJECT: BCP ID: C344085/Former DEC ID 3-3926-00285
LOCATION: 43-45 Lafayette Ave, Suffern, NY

DATE STARTED/COMPLETED: 6/26 - 6/27/23
LOGGED BY: H. Sudwischer
DRILLER: Costal
RIG: Geoprobe 6011 DT

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Well Completion	Field Description of Soil
0					(0'-0.5') Concrete
4					(0.5'-5') Cobbles w/ f. sand and Silt little f. gravels and Lt Brown dry unsorted
8					Materials are likely fill as most are above the surrounding sidewalk grade.
12					
16	*1				(5'-10') Same as Above
20					
24					Water table 27.75
28					(10'-19.5') Brown mostly Silt and f. Sand w/ few/trace f-m. gravels.
32					
36	*2				Augers were advanced to 19.5' then hit obstruction. Hammer was installed and used w/ no success
40					Direct Push was implemented to 38' feet. Augers & Hammer still could not advance Bedrock well was Not successfully installed only over-burden
					(19.5' to 38') Mostly Silt with little f. sands & trace f. gravels moist @ 27' bgs

Soil Samples
*1 SB-C (14'-16') @ 11:05
*2 SB-C (35'-38') @ 12:00

Notes: ppm=parts per million, nd=not detected

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Flush mount

Bentonite
#2 Morie Sand
Native
Riser
Screen

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

LEGEND

very fine sand=0.6-0.13mm	pebble=2-4mm	
fine sand=0.13-0.25mm	gravel=4-64mm	
medium sand=0.25-0.50mm	cobble=64-256mm	
course sand=0.5-1mm	boulder=256mm	
very course sand=1-2mm	groundwater table	

BORE HOLE DATA

Drilling Method: Direct Push / Auger / Hammer (21-38' / 19.5' / 21ft)
Hole Dia.: 2-inch
Depth: 38ft

WELL DATA

Riser Type: PVC sch.40
Riser Dia.: 1-inch
Riser Length: 23 feet
Interval: 0'-24

Screen Type: PVC sch.40
Screen Dia.: 1-inch
Screen Length: 15
Slot: 0.02
Interval: (23'-38')

FILTER PACK

Source: US Silica Sand
Composition: #2 Morie
Volume Used: 10 bags
Interval: 0-38 except @ 9-12' for bentonite

GROUT / SEAL

Type: Bentonite
Volume Used: 1 bag
Interval: (9-12')

WELL HEAD COMPLETION

Manhole: [X] YES [ ] NO
Size: 6-inch
Concrete Pad: [X] YES [ ] NO
Size: 10-inch

WELL DEVELOPMENT

Performed: [X] YES [ ] NO
Method: Peristaltic
Amt. Purged: 3 gallons
Date: 7/24/23

Environmental Consulting & Management Services, Inc.
New City, NY

Boring LOG

BORING NAME: SB-D #3

CLIENT: Redscrib, LLC
PROJECT: BCP ID: C344085 Former DEC ID: 3-3926-00285
LOCATION: 43-45 Lafayette Ave. Suffern, NY

DATE STARTED/COMPLETED: 7/31/23
LOGGED BY: H. Sudwischer
DRILLER: ECMS, Inc.
RIG: Hand Auger

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Completion	Field Description of Soil
0"					(0"-3") Concrete & fill
					(3"-12") Brown f. sand, silt/clay with some f.-c. gravels unsorted, dry
12"		1.6ppm			(12"-24") Mostly silt/clay sorted w/ f. sand lenses, dry Some f. sand and gravels
24"		2.8ppm			(24"-36") gray silt/clay lenses of brown silt and clay
		3.9ppm			(36"-45") SAA mostly Brown clay/silt
36"	*	4.0ppm			Refusal @ 45" with Hand Auger
		4.1ppm			
48"					

Hand Auger

Soil Same ID
*SB-D #3 (40"-45") @ 1100

Notes: ppm=parts per million,

BORE HOLE DATA
Drilling Method: Hand Auger
Hole Dia.: 3-inch
Depth: 45"

WELL DATA
Riser Type: N/A
Riser Dia.:
Riser Length:
Interval:
Screen Type:
Screen Dia.:
Screen Length:
Slot:
Interval:

FILTER PACK
Source:
Composition:
Volume Used:
Interval:

GROUT / SEAL
Type: Bentonite
Volume Used:
Interval:

WELL HEAD COMPLETION
Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

WELL DEVELOPMENT
Performed: ☐ YES ☐ NO
Method: N/A
Amt. Purged:
Date:

LEGEND

Concrete
Native Soils

trace=1-10%
little=10-20%
some=20-30%
and=30-50%

very fine sand=0.6-0.13mm
fine sand=0.13-0.25mm
medium sand=0.25-0.50mm
course sand=0.5-1mm
very course sand=1-2mm

pebble=2-4mm
gravel=4-64mm
cobble=64-256mm
boulder=256mm
groundwater table

Environmental Consulting & Management Services, Inc.
New City, NY

Boring LOG

BORING NAME: SB-D#4

CLIENT: Redscrib, LLC
PROJECT: BCP ID: C344085 Former DEC ID: 3-3926-00285
LOCATION: 43-45 Lafayette Ave. Suffern, NY

DATE STARTED/COMPLETED: 7/31/23
LOGGED BY: H. Sudwischer
DRILLER: ECMS, Inc.
RIG: Hand Auger

Depth Below Grade	Sample Interval & Name	P.I.D. Reading (ppm)	Blow Counts/ Recovery (feet)	Completion	Field Description of Soil
0"					(0"-3") Concrete and fill
12"		2.7ppm			(3"-12") Brown f. sand, silt/clay and f. to c. gravels not sorted, dry
24"		4.3ppm			(12"-24") SAA with more silt & clay, sorted
36"	*	26.8ppm			(24"-36") SAA moist sorted No odors observed
48"		3.2ppm			(36"-42") SAA
					Refusal @ 42" with Hand Auger

Hand Auger

Soil Sample ID
* SB-D#4 (31"-36") @1125

Notes: ppm=parts per million,

BORE HOLE DATA

Drilling Method: Hand Auger
Hole Dia.: 3-inch
Depth: 42

WELL DATA

Riser Type: N/A
Riser Dia.:
Riser Length:
Interval:

Screen Type:
Screen Dia.:
Screen Length:
Slot:
Interval:

FILTER PACK

Source:
Composition:
Volume Used:
Interval:

GROUT / SEAL

Type: Bentonite
Volume Used:
Interval:

WELL HEAD COMPLETION

Manhole: ☐ YES ☐ NO
Size:
Concrete Pad: ☐ YES ☐ NO
Size:

WELL DEVELOPMENT

Performed: ☐ YES ☐ NO
Method: N/A
Amt. Purged:
Date:

LEGEND

- Concrete
- Native Soils

trace=1–10%
little=10–20%
some=20–30%
and=30–50%

very fine sand=0.6–0.13mm
fine sand=0.13–0.25mm
medium sand=0.25–0.50mm
course sand=0.5–1mm
very course sand=1–2mm

pebble=2–4mm
gravel=4–64mm
cobble=64–256mm
boulder=256mm
groundwater table

Appendix E
Phoenix Environmental Laboratories, Inc. Analytical Reports
Report Dates: July 1, 2023, August 8, 2023, August 9, 2023, August 28, 2023

Saturday, July 01, 2023

Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Project ID: **43 LAFAYETTE AVE**
SDG ID: **GCO39687**
Sample ID#s: **CO39687 - CO39689**

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.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

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.

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

PHOENIX
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

Sample Id Cross Reference

July 01, 2023

SDG I.D.: GCO39687

Project ID: 43 LAFAYETTE AVE

Client Id	Lab Id	Matrix
SB-B (0-1`)	CO39687	SOIL
SB-C (14-16`)	CO39688	SOIL
SB-C (35-38`)	CO39689	SOIL

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

Analysis Report

July 01, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		06/26/23	13:10
Location Code:	ECMS	Received by:	SW	06/28/23	17:23
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO39687
Phoenix ID: CO39687

Project ID: 43 LAFAYETTE AVE
Client ID: SB-B (0-1`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	79		%		06/28/23	CV	SW846-%Solid
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
1,1-Dichloroethane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
1,1-Dichloroethene	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
1,1-Dichloropropene	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
1,2-Dibromoethane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
1,2-Dichloroethane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
1,2-Dichloropropane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
1,3-Dichloropropane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
2,2-Dichloropropane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
Bromobenzene	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
Bromodichloromethane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
Bromoform	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
Bromomethane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
Carbon tetrachloride	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
Chlorobenzene	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
Chloroethane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
Chloroform	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C

Project ID: 43 LAFAYETTE AVE
Client ID: SB-B (0-1`)

Phoenix I.D.: CO39687

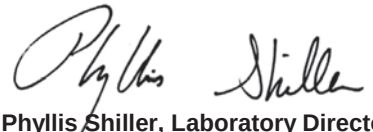
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloromethane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
Dibromochloromethane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
Dibromomethane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
Dichlorodifluoromethane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
Methylene chloride	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
Tetrachloroethene	440	300	ug/Kg	50	06/29/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.1	ug/Kg	1	06/29/23	JLI	SW8260C
Trichloroethene	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
Trichlorofluoromethane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
Vinyl chloride	ND	4.6	ug/Kg	1	06/29/23	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	06/29/23	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	06/29/23	JLI	70 - 130 %
% Dibromofluoromethane	97		%	1	06/29/23	JLI	70 - 130 %
% Toluene-d8	102		%	1	06/29/23	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	99		%	50	06/29/23	JLI	70 - 130 %
% Bromofluorobenzene (50x)	97		%	50	06/29/23	JLI	70 - 130 %
% Dibromofluoromethane (50x)	94		%	50	06/29/23	JLI	70 - 130 %
% Toluene-d8 (50x)	101		%	50	06/29/23	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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:

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Phyllis Shiller, Laboratory Director
July 01, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

July 01, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		06/27/23	11:05
Location Code:	ECMS	Received by:	SW	06/28/23	17:23
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO39687
Phoenix ID: CO39688

Project ID: 43 LAFAYETTE AVE
Client ID: SB-C (14-16`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	83		%		06/28/23	CV	SW846-%Solid
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
1,1-Dichloroethane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
1,1-Dichloroethene	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
1,1-Dichloropropene	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
1,2-Dibromoethane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
1,2-Dichloroethane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
1,2-Dichloropropane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
1,3-Dichloropropane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
2,2-Dichloropropane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
Bromobenzene	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
Bromodichloromethane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
Bromoform	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
Bromomethane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
Carbon tetrachloride	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
Chlorobenzene	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
Chloroethane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
Chloroform	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C

Project ID: 43 LAFAYETTE AVE
Client ID: SB-C (14-16`)

Phoenix I.D.: CO39688

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloromethane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
Dibromochloromethane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
Dibromomethane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
Dichlorodifluoromethane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
Methylene chloride	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
Tetrachloroethene	170	170	ug/Kg	50	06/29/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.6	ug/Kg	1	06/29/23	JLI	SW8260C
Trichloroethene	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
Trichlorofluoromethane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
Vinyl chloride	ND	4.3	ug/Kg	1	06/29/23	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	06/29/23	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	06/29/23	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	06/29/23	JLI	70 - 130 %
% Toluene-d8	102		%	1	06/29/23	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	100		%	50	06/29/23	JLI	70 - 130 %
% Bromofluorobenzene (50x)	97		%	50	06/29/23	JLI	70 - 130 %
% Dibromofluoromethane (50x)	92		%	50	06/29/23	JLI	70 - 130 %
% Toluene-d8 (50x)	102		%	50	06/29/23	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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:

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Phyllis Shiller, Laboratory Director
July 01, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

July 01, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		06/27/23	12:00
Location Code:	ECMS	Received by:	SW	06/28/23	17:23
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO39687
Phoenix ID: CO39689

Project ID: 43 LAFAYETTE AVE
Client ID: SB-C (35-38`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	97		%		06/28/23	CV	SW846-%Solid
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
1,1-Dichloroethane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
1,1-Dichloroethene	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
1,1-Dichloropropene	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
1,2-Dibromoethane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
1,2-Dichloroethane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
1,2-Dichloropropane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
1,3-Dichloropropane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
2,2-Dichloropropane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
Bromobenzene	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
Bromodichloromethane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
Bromoform	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
Bromomethane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
Carbon tetrachloride	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
Chlorobenzene	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
Chloroethane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
Chloroform	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C

Project ID: 43 LAFAYETTE AVE
Client ID: SB-C (35-38`)

Phoenix I.D.: CO39689

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloromethane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
Dibromochloromethane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
Dibromomethane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
Dichlorodifluoromethane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
Methylene chloride	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
Tetrachloroethene	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.1	ug/Kg	1	06/29/23	JLI	SW8260C
Trichloroethene	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
Trichlorofluoromethane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
Vinyl chloride	ND	4.1	ug/Kg	1	06/29/23	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	06/29/23	JLI	70 - 130 %
% Bromofluorobenzene	97		%	1	06/29/23	JLI	70 - 130 %
% Dibromofluoromethane	93		%	1	06/29/23	JLI	70 - 130 %
% Toluene-d8	102		%	1	06/29/23	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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:

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Phyllis Shiller, Laboratory Director
July 01, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

July 01, 2023

QA/QC Data

SDG I.D.: GCO39687

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 684825 (ug/kg), QC Sample No: CO39162 (CO39687, CO39688, CO39689)										
Volatiles - Soil (Low Level)										
1,1,1,2-Tetrachloroethane	ND	5.0	110	111	0.9				70 - 130	30
1,1,1-Trichloroethane	ND	5.0	101	103	2.0				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	102	103	1.0				70 - 130	30
1,1,2-Trichloroethane	ND	5.0	103	105	1.9				70 - 130	30
1,1-Dichloroethane	ND	5.0	101	104	2.9				70 - 130	30
1,1-Dichloroethene	ND	5.0	98	101	3.0				70 - 130	30
1,1-Dichloropropene	ND	5.0	104	106	1.9				70 - 130	30
1,2,3-Trichloropropane	ND	5.0	100	102	2.0				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	106	113	6.4				70 - 130	30
1,2-Dibromoethane	ND	5.0	107	108	0.9				70 - 130	30
1,2-Dichlorobenzene	ND	5.0	102	104	1.9				70 - 130	30
1,2-Dichloroethane	ND	5.0	102	102	0.0				70 - 130	30
1,2-Dichloropropane	ND	5.0	102	103	1.0				70 - 130	30
1,3-Dichlorobenzene	ND	5.0	102	105	2.9				70 - 130	30
1,3-Dichloropropane	ND	5.0	105	107	1.9				70 - 130	30
1,4-Dichlorobenzene	ND	5.0	101	103	2.0				70 - 130	30
2,2-Dichloropropane	ND	5.0	106	107	0.9				70 - 130	30
Bromobenzene	ND	5.0	104	106	1.9				70 - 130	30
Bromodichloromethane	ND	5.0	106	108	1.9				70 - 130	30
Bromoform	ND	5.0	116	118	1.7				70 - 130	30
Bromomethane	ND	5.0	101	105	3.9				70 - 130	30
Carbon tetrachloride	ND	5.0	119	121	1.7				70 - 130	30
Chlorobenzene	ND	5.0	102	104	1.9				70 - 130	30
Chloroethane	ND	5.0	97	99	2.0				70 - 130	30
Chloroform	ND	5.0	101	102	1.0				70 - 130	30
Chloromethane	ND	5.0	104	107	2.8				70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	105	105	0.0				70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	109	112	2.7				70 - 130	30
Dibromochloromethane	ND	3.0	113	114	0.9				70 - 130	30
Dibromomethane	ND	5.0	105	107	1.9				70 - 130	30
Dichlorodifluoromethane	ND	5.0	103	106	2.9				70 - 130	30
Methylene chloride	ND	5.0	96	97	1.0				70 - 130	30
Tetrachloroethene	ND	5.0	101	102	1.0				70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	99	102	3.0				70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	111	114	2.7				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	112	113	0.9				70 - 130	30
Trichloroethene	ND	5.0	101	103	2.0				70 - 130	30
Trichlorofluoromethane	ND	5.0	103	105	1.9				70 - 130	30
Trichlorotrifluoroethane	ND	5.0	92	93	1.1				70 - 130	30
Vinyl chloride	ND	5.0	100	104	3.9				70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	100	100	0.0				70 - 130	30

QA/QC Data

SDG I.D.: GCO39687

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Bromofluorobenzene	97	%		102	102	0.0				70 - 130	30
% Dibromofluoromethane	97	%		100	99	1.0				70 - 130	30
% Toluene-d8	102	%		100	100	0.0				70 - 130	30

Comment:

The Low Level MS/MSD are not reported for this batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 685073H (ug/kg), QC Sample No: CO39687 50X (CO39687 (50X) , CO39688 (50X))

Volatiles - Soil (High Level)

Tetrachloroethene	ND	250		105	106	0.9	94	102	8.2	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%		100	99	1.0	100	100	0.0	70 - 130	30
% Bromofluorobenzene	98	%		102	102	0.0	103	102	1.0	70 - 130	30
% Dibromofluoromethane	93	%		98	98	0.0	96	98	2.1	70 - 130	30
% Toluene-d8	101	%		100	99	1.0	99	99	0.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

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

Phyllis Shiller, Laboratory Director
July 01, 2023

Saturday, July 01, 2023

Criteria: NY: 375

State: NY

Sample Criteria Exceedances Report

GCO39687 - ECMS

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

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.

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

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Analysis Comments

July 01, 2023 SDG I.D.: GCO39687

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

VOA Narration

CHEM03 06/28/23-2: CO39687, CO39688, CO39689

The following Initial Calibration compounds did not meet RSD% criteria: Bromoform 22% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Tetrachloroethene 0.174 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

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NY Temperature Narration

July 01, 2023

SDG I.D.: GCO39687

The samples in this delivery group were received at 1.0°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐
Temp 10 C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Phone: 203 241 0330
☐ Fax:
☐ Email: harry@ecmsny

Customer: ECMS, Inc
Address: 10 Elmont Dr
New City, NY

Project: 43 Lafayette Ave
Report to: Harry Sanderson
Invoice to:
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 6/27/23

Client Sample - Information - Identification

Analysis Request: EPA Method 8260 ONLY CVOCs

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled		GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (4) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/hypo	Bacteria Bottle as is
39687	SB-B (0'-1')	S	6/26/23	1310	X			3	1								
39688	SB-C (14'-16')	S	6/27/23	1105	X			3	1								
39689	SB-C (35'-38')	S	6/27/23	1200	X			3	1								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6-26-23	957
	[signature]	6-27-23	17:23

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

NY
☐ TOGS GW
☐ CP-51 SOIL
☒ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential Restricted Soil
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected? NY

Comments, Special Requirements or Regulations:

Data Format:
☐ Phoenix Std Report ☒ EQuIS
☒ Excel ☐ NJ Hazsite EDD
☒ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

PHOENIX
Environmental Laboratories, Inc.

Tuesday, August 08, 2023

Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Project ID: 43 LAFAYETTE AVE
SDG ID: GCO64578
Sample ID#s: CO64578 - CO64581

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.

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.

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

PHOENIX
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

August 08, 2023

SDG I.D.: GCO64578

Project ID: 43 LAFAYETTE AVE

Client Id	Lab Id	Matrix
MW-1	CO64578	GROUND WATER
MW-2	CO64579	GROUND WATER
MW-3	CO64580	GROUND WATER
SUMP	CO64581	GROUND WATER

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 08, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		07/24/23	13:30
Location Code:	ECMS	Received by:	SR1	08/02/23	16:54
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO64578
Phoenix ID: CO64578

Project ID: 43 LAFAYETTE AVE
Client ID: MW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	08/04/23	RM	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2-Dichloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Bromobenzene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	08/04/23	RM	SW8260C
Bromoform	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Bromomethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Chloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Chloroform	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Chloromethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C

Project ID: 43 LAFAYETTE AVE
Client ID: MW-1

Phoenix I.D.: CO64578

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	08/04/23	RM	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	08/04/23	RM	SW8260C
Dibromomethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Methylene chloride	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Tetrachloroethene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	08/04/23	RM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	ug/L	1	08/04/23	RM	SW8260C
Trichloroethene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	08/04/23	RM	70 - 130 %
% Bromofluorobenzene	98		%	1	08/04/23	RM	70 - 130 %
% Dibromofluoromethane	102		%	1	08/04/23	RM	70 - 130 %
% Toluene-d8	97		%	1	08/04/23	RM	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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.
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Phyllis Shiller, Laboratory Director
August 08, 2023
Reviewed and Released by: Anil Makol, Project Manager

PHOENIX
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

Analysis Report

August 08, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		07/24/23	13:00
Location Code:	ECMS	Received by:	SR1	08/02/23	16:54
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO64578
Phoenix ID: CO64579

Project ID: 43 LAFAYETTE AVE
Client ID: MW-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	08/04/23	RM	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2-Dichloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Bromobenzene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	08/04/23	RM	SW8260C
Bromoform	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Bromomethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Chloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Chloroform	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Chloromethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C

Project ID: 43 LAFAYETTE AVE
Client ID: MW-2

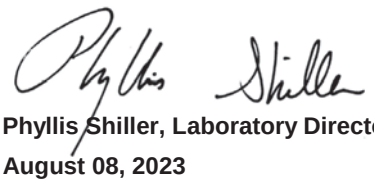
Phoenix I.D.: CO64579

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
cis-1,2-Dichloroethene	1.2	1.0	ug/L	1	08/04/23	RM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	08/04/23	RM	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	08/04/23	RM	SW8260C
Dibromomethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Methylene chloride	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Tetrachloroethene	1.1	1.0	ug/L	1	08/04/23	RM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	08/04/23	RM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	ug/L	1	08/04/23	RM	SW8260C
Trichloroethene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	08/04/23	RM	70 - 130 %
% Bromofluorobenzene	99		%	1	08/04/23	RM	70 - 130 %
% Dibromofluoromethane	106		%	1	08/04/23	RM	70 - 130 %
% Toluene-d8	97		%	1	08/04/23	RM	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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:

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Phyllis Shiller, Laboratory Director
August 08, 2023
Reviewed and Released by: Anil Makol, Project Manager

PHOENIX
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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

Analysis Report

August 08, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		07/24/23	14:00
Location Code:	ECMS	Received by:	SR1	08/02/23	16:54
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO64578
Phoenix ID: CO64580

Project ID: 43 LAFAYETTE AVE
Client ID: MW-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	08/04/23	RM	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2-Dichloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Bromobenzene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	08/04/23	RM	SW8260C
Bromoform	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Bromomethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Chloroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Chloroform	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Chloromethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C

Project ID: 43 LAFAYETTE AVE
Client ID: MW-3

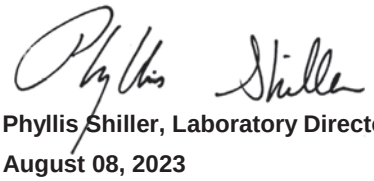
Phoenix I.D.: CO64580

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	08/04/23	RM	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	08/04/23	RM	SW8260C
Dibromomethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Methylene chloride	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Tetrachloroethene	4.4	1.0	ug/L	1	08/04/23	RM	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	08/04/23	RM	SW8260C
trans-1,4-dichloro-2-butene	ND	2.5	ug/L	1	08/04/23	RM	SW8260C
Trichloroethene	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	08/04/23	RM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	08/04/23	RM	70 - 130 %
% Bromofluorobenzene	99		%	1	08/04/23	RM	70 - 130 %
% Dibromofluoromethane	102		%	1	08/04/23	RM	70 - 130 %
% Toluene-d8	97		%	1	08/04/23	RM	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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
August 08, 2023
Reviewed and Released by: Anil Makol, Project Manager

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

Analysis Report

August 08, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		07/24/23	14:45
Location Code:	ECMS	Received by:	SR1	08/02/23	16:54
Rush Request:	5 Day	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO64578
Phoenix ID: CO64581

Project ID: 43 LAFAYETTE AVE
Client ID: SUMP

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/L	20	08/03/23	RM	SW8260C
1,1,1-Trichloroethane	ND	20	ug/L	20	08/03/23	RM	SW8260C
1,1,2,2-Tetrachloroethane	ND	10	ug/L	20	08/03/23	RM	SW8260C
1,1,2-Trichloroethane	ND	20	ug/L	20	08/03/23	RM	SW8260C
1,1-Dichloroethane	ND	20	ug/L	20	08/03/23	RM	SW8260C
1,1-Dichloroethene	ND	20	ug/L	20	08/03/23	RM	SW8260C
1,1-Dichloropropene	ND	20	ug/L	20	08/03/23	RM	SW8260C
1,2,3-Trichloropropane	ND	20	ug/L	20	08/03/23	RM	SW8260C
1,2-Dibromo-3-chloropropane	ND	20	ug/L	20	08/03/23	RM	SW8260C
1,2-Dibromoethane	ND	20	ug/L	20	08/03/23	RM	SW8260C
1,2-Dichlorobenzene	ND	20	ug/L	20	08/03/23	RM	SW8260C
1,2-Dichloroethane	ND	20	ug/L	20	08/03/23	RM	SW8260C
1,2-Dichloropropane	ND	20	ug/L	20	08/03/23	RM	SW8260C
1,3-Dichlorobenzene	ND	20	ug/L	20	08/03/23	RM	SW8260C
1,3-Dichloropropane	ND	20	ug/L	20	08/03/23	RM	SW8260C
1,4-Dichlorobenzene	ND	20	ug/L	20	08/03/23	RM	SW8260C
2,2-Dichloropropane	ND	20	ug/L	20	08/03/23	RM	SW8260C
Bromobenzene	ND	20	ug/L	20	08/03/23	RM	SW8260C
Bromodichloromethane	ND	10	ug/L	20	08/03/23	RM	SW8260C
Bromoform	ND	20	ug/L	20	08/03/23	RM	SW8260C
Bromomethane	ND	20	ug/L	20	08/03/23	RM	SW8260C
Carbon tetrachloride	ND	20	ug/L	20	08/03/23	RM	SW8260C
Chlorobenzene	ND	20	ug/L	20	08/03/23	RM	SW8260C
Chloroethane	ND	20	ug/L	20	08/03/23	RM	SW8260C
Chloroform	ND	20	ug/L	20	08/03/23	RM	SW8260C
Chloromethane	ND	20	ug/L	20	08/03/23	RM	SW8260C

Project ID: 43 LAFAYETTE AVE
Client ID: SUMP

Phoenix I.D.: CO64581

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
cis-1,2-Dichloroethene	4800	400	ug/L	400	08/04/23	RM	SW8260C
cis-1,3-Dichloropropene	ND	8.0	ug/L	20	08/03/23	RM	SW8260C
Dibromochloromethane	ND	10	ug/L	20	08/03/23	RM	SW8260C
Dibromomethane	ND	20	ug/L	20	08/03/23	RM	SW8260C
Dichlorodifluoromethane	ND	20	ug/L	20	08/03/23	RM	SW8260C
Methylene chloride	ND	20	ug/L	20	08/03/23	RM	SW8260C
Tetrachloroethene	110	20	ug/L	20	08/03/23	RM	SW8260C
trans-1,2-Dichloroethene	ND	20	ug/L	20	08/03/23	RM	SW8260C
trans-1,3-Dichloropropene	ND	8.0	ug/L	20	08/03/23	RM	SW8260C
trans-1,4-dichloro-2-butene	ND	50	ug/L	20	08/03/23	RM	SW8260C
Trichloroethene	86	20	ug/L	20	08/03/23	RM	SW8260C
Trichlorofluoromethane	ND	20	ug/L	20	08/03/23	RM	SW8260C
Trichlorotrifluoroethane	ND	20	ug/L	20	08/03/23	RM	SW8260C
Vinyl chloride	560	20	ug/L	20	08/03/23	RM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (20x)	99		%	20	08/03/23	RM	70 - 130 %
% Bromofluorobenzene (20x)	95		%	20	08/03/23	RM	70 - 130 %
% Dibromofluoromethane (20x)	98		%	20	08/03/23	RM	70 - 130 %
% Toluene-d8 (20x)	98		%	20	08/03/23	RM	70 - 130 %
% 1,2-dichlorobenzene-d4 (400x)	101		%	400	08/04/23	RM	70 - 130 %
% Bromofluorobenzene (400x)	98		%	400	08/04/23	RM	70 - 130 %
% Dibromofluoromethane (400x)	105		%	400	08/04/23	RM	70 - 130 %
% Toluene-d8 (400x)	97		%	400	08/04/23	RM	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

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
August 08, 2023
Reviewed and Released by: Anil Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

August 08, 2023

QA/QC Data

SDG I.D.: GCO64578

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 690930 (ug/L), QC Sample No: CO63136 (CO64578, CO64579, CO64580, CO64581 (400X))										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	108	107	0.9	106	110	3.7	70 - 130	30
1,1,1-Trichloroethane	ND	1.0	103	102	1.0	102	106	3.8	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	98	96	2.1	98	97	1.0	70 - 130	30
1,1,2-Trichloroethane	ND	1.0	99	99	0.0	102	100	2.0	70 - 130	30
1,1-Dichloroethane	ND	1.0	95	92	3.2	92	96	4.3	70 - 130	30
1,1-Dichloroethene	ND	1.0	97	96	1.0	93	98	5.2	70 - 130	30
1,1-Dichloropropene	ND	1.0	101	103	2.0	103	104	1.0	70 - 130	30
1,2,3-Trichloropropane	ND	1.0	92	91	1.1	101	102	1.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	105	100	4.9	101	102	1.0	70 - 130	30
1,2-Dibromoethane	ND	1.0	103	99	4.0	102	103	1.0	70 - 130	30
1,2-Dichlorobenzene	ND	1.0	97	97	0.0	95	99	4.1	70 - 130	30
1,2-Dichloroethane	ND	1.0	108	107	0.9	112	111	0.9	70 - 130	30
1,2-Dichloropropane	ND	1.0	91	92	1.1	95	95	0.0	70 - 130	30
1,3-Dichlorobenzene	ND	1.0	100	100	0.0	99	101	2.0	70 - 130	30
1,3-Dichloropropane	ND	1.0	102	100	2.0	103	104	1.0	70 - 130	30
1,4-Dichlorobenzene	ND	1.0	99	98	1.0	99	101	2.0	70 - 130	30
2,2-Dichloropropane	ND	1.0	103	102	1.0	81	84	3.6	70 - 130	30
Bromobenzene	ND	1.0	103	101	2.0	101	104	2.9	70 - 130	30
Bromodichloromethane	ND	0.50	103	104	1.0	107	107	0.0	70 - 130	30
Bromoform	ND	1.0	111	108	2.7	110	112	1.8	70 - 130	30
Bromomethane	ND	1.0	106	97	8.9	84	97	14.4	70 - 130	30
Carbon tetrachloride	ND	1.0	103	101	2.0	118	123	4.1	70 - 130	30
Chlorobenzene	ND	1.0	101	99	2.0	101	102	1.0	70 - 130	30
Chloroethane	ND	1.0	108	105	2.8	100	108	7.7	70 - 130	30
Chloroform	ND	1.0	99	101	2.0	101	101	0.0	70 - 130	30
Chloromethane	ND	1.0	94	96	2.1	90	98	8.5	70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	98	95	3.1	96	99	3.1	70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	102	101	1.0	99	101	2.0	70 - 130	30
Dibromochloromethane	ND	0.50	106	104	1.9	108	108	0.0	70 - 130	30
Dibromomethane	ND	1.0	102	100	2.0	103	103	0.0	70 - 130	30
Dichlorodifluoromethane	ND	1.0	108	106	1.9	103	109	5.7	70 - 130	30
Methylene chloride	ND	1.0	92	90	2.2	90	94	4.3	70 - 130	30
Tetrachloroethene	ND	1.0	103	104	1.0	104	105	1.0	70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	96	97	1.0	95	101	6.1	70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	107	109	1.9	106	106	0.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	111	109	1.8	90	90	0.0	70 - 130	30
Trichloroethene	ND	1.0	98	99	1.0	101	100	1.0	70 - 130	30
Trichlorofluoromethane	ND	1.0	109	108	0.9	107	112	4.6	70 - 130	30
Trichlorotrifluoroethane	ND	1.0	93	91	2.2	88	93	5.5	70 - 130	30
Vinyl chloride	ND	1.0	94	94	0.0	88	97	9.7	70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	100	99	1.0	100	100	0.0	70 - 130	30

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Bromofluorobenzene	98	%		103	103	0.0	103	104	1.0	70 - 130	30
% Dibromofluoromethane	104	%		98	98	0.0	98	101	3.0	70 - 130	30
% Toluene-d8	97	%		97	98	1.0	100	98	2.0	70 - 130	30

Comment:

A blank MS was analyzed with this batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 690676 (ug/L), QC Sample No: CO64665 (CO64581 (20X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	5.0		110	117	6.2				70 - 130	30
1,1,1-Trichloroethane	ND	5.0		100	111	10.4				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	5.0		100	101	1.0				70 - 130	30
1,1,2-Trichloroethane	ND	5.0		96	98	2.1				70 - 130	30
1,1-Dichloroethane	ND	5.0		101	108	6.7				70 - 130	30
1,1-Dichloroethene	ND	5.0		103	111	7.5				70 - 130	30
1,1-Dichloropropene	ND	5.0		88	106	18.6				70 - 130	30
1,2,3-Trichloropropane	ND	5.0		96	99	3.1				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0		102	107	4.8				70 - 130	30
1,2-Dibromoethane	ND	5.0		99	102	3.0				70 - 130	30
1,2-Dichlorobenzene	ND	1.0		98	107	8.8				70 - 130	30
1,2-Dichloroethane	ND	0.60		91	94	3.2				70 - 130	30
1,2-Dichloropropane	ND	5.0		96	102	6.1				70 - 130	30
1,3-Dichlorobenzene	ND	1.0		98	108	9.7				70 - 130	30
1,3-Dichloropropane	ND	5.0		98	102	4.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0		97	106	8.9				70 - 130	30
2,2-Dichloropropane	ND	5.0		103	115	11.0				70 - 130	30
Bromobenzene	ND	5.0		101	109	7.6				70 - 130	30
Bromodichloromethane	ND	5.0		97	104	7.0				70 - 130	30
Bromoform	ND	5.0		104	111	6.5				70 - 130	30
Bromomethane	ND	5.0		87	104	17.8				70 - 130	30
Carbon tetrachloride	ND	5.0		112	123	9.4				70 - 130	30
Chlorobenzene	ND	1.0		98	107	8.8				70 - 130	30
Chloroethane	ND	5.0		102	112	9.3				70 - 130	30
Chloroform	ND	5.0		97	113	15.2				70 - 130	30
Chloromethane	ND	5.0		95	104	9.0				70 - 130	30
cis-1,3-Dichloropropene	ND	5.0		100	106	5.8				70 - 130	30
Dibromochloromethane	ND	5.0		103	111	7.5				70 - 130	30
Dibromomethane	ND	5.0		99	100	1.0				70 - 130	30
Dichlorodifluoromethane	ND	5.0		86	94	8.9				70 - 130	30
Methylene chloride	ND	5.0		99	104	4.9				70 - 130	30
Tetrachloroethene	ND	1.0		97	107	9.8				70 - 130	30
trans-1,2-Dichloroethene	ND	5.0		101	110	8.5				70 - 130	30
trans-1,3-Dichloropropene	ND	5.0		104	108	3.8				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0		79	85	7.3				70 - 130	30
Trichloroethene	ND	5.0		96	104	8.0				70 - 130	30
Trichlorofluoromethane	ND	5.0		101	111	9.4				70 - 130	30
Trichlorotrifluoroethane	ND	5.0		96	102	6.1				70 - 130	30
Vinyl chloride	ND	5.0		101	110	8.5				70 - 130	30
% 1,2-dichlorobenzene-d4	99	%		100	100	0.0				70 - 130	30
% Bromofluorobenzene	93	%		98	97	1.0				70 - 130	30
% Dibromofluoromethane	101	%		102	99	3.0				70 - 130	30
% Toluene-d8	96	%		100	100	0.0				70 - 130	30

QA/QC Data

SDG I.D.: GCO64578

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

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

Phyllis Shiller, Laboratory Director
August 08, 2023

Tuesday, August 08, 2023

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCO64578 - ECMS

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

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.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

August 08, 2023 SDG I.D.: GCO64578

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

VOA Narration

CHEM17 08/03/23-1: CO64581

Chem 17 is a 25ml purge instrument. The laboratory minimum response factor is set at 0.01 instead of 0.05 for the 25ml purge instruments. EPA method 8260D Table 4 supports this approach.

The following Initial Calibration compounds did not meet RSD% criteria: trans-1,3-Dichloropropene 23% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.040 (0.05), Bromoform 0.089 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.040 (0.05)

The following Continuing Calibration compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.040 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.040 (0.05)

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

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NY Temperature Narration

August 08, 2023

SDG I.D.: GCO64578

The samples in this delivery group were received at 2.4°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☐ No ☐
Coolant: IPK ☑ ICE ☐ No ☐
Temp 2.1°C Pg of

NY/NJ/PA CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Phone:
☐ Fax:
☐ Email:

Customer: ECMS, Inc.
Address: 10 Filmont Dr
New City, NY 10956

Project: 43 Lafayette Ave
Report to:
Invoice to:
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: _____ Date:

Client Sample - Information - Identification

Analysis Request: VOCs via 8260 see Attached list for report

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs via 8260 see Attached list for report	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
64578	MW-1	GW	7/24/23	1330	X					3							
64579	MW-2	GW	7/24/23	1300	X					3							
64580	MW-3	GW	7/24/23	1400	X					3							
64581	Sump	GW	7/24/23	1445	X					3							

Relinquished by:	Accepted by:	Date:	Time:
		8/2/23	1040
		8/2/23	1525
		8/2/23	1625

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days*
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential Restricted Soil
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected? _____

Comments, Special Requirements or Regulations:
See Attached list of compounds to report

Data Format:
☐ Phoenix Std Report
☒ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD
☐ Other

Data Package:
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

PEL-111 Rev 10/2021

GLO 64578

Volatile Chemical

carbon tetrachloride
1,1-dichloroethene
cis-1,2-dichloroethene
trichloroethene

---

methylene chloride
tetrachloroethene
1,1,1-trichloroethane

Vinyl chloride

PHOENIX
Environmental Laboratories, Inc.

Wednesday, August 09, 2023

Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Project ID: 43 LAFAYETTE AVE
SDG ID: GCO58321
Sample ID#s: CO58321 - CO58324

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.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

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.

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

PHOENIX
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

Sample Id Cross Reference

August 09, 2023

SDG I.D.: GCO58321

Project ID: 43 LAFAYETTE AVE

Client Id	Lab Id	Matrix
SUMP W (1`)	CO58321	SOIL
SUMP B (2.5`)	CO58322	SOIL
SUMP H (3.0`)	CO58323	SOIL
SUMP B (4.0`)	CO58324	SOIL

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 09, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/24/23	11:40
Location Code:	ECMS	Received by:	CP	07/25/23	17:18
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO58321
Phoenix ID: CO58321

Project ID: 43 LAFAYETTE AVE
Client ID: SUMP W (1`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	78		%		07/25/23	CV	SW846-%Solid
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,1-Dichloroethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,1-Dichloroethene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,1-Dichloropropene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,2-Dibromoethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,2-Dichloroethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,2-Dichloropropane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,3-Dichloropropane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
2,2-Dichloropropane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Bromobenzene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Bromodichloromethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Bromoform	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Bromomethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Carbon tetrachloride	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Chlorobenzene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Chloroethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Chloroform	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C

Project ID: 43 LAFAYETTE AVE
Client ID: SUMP W (1`)

Phoenix I.D.: CO58321

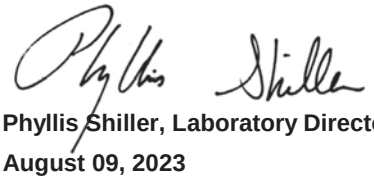
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloromethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
cis-1,2-Dichloroethene	550	360	ug/Kg	50	08/07/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Dibromochloromethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Dibromomethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Dichlorodifluoromethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Methylene chloride	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Tetrachloroethene	3400	360	ug/Kg	50	08/07/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/26/23	JLI	SW8260C
Trichloroethene	6.4	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Trichlorofluoromethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Vinyl chloride	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	07/26/23	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	07/26/23	JLI	70 - 130 %
% Dibromofluoromethane	89		%	1	07/26/23	JLI	70 - 130 %
% Toluene-d8	98		%	1	07/26/23	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	100		%	50	08/07/23	JLI	70 - 130 %
% Bromofluorobenzene (50x)	95		%	50	08/07/23	JLI	70 - 130 %
% Dibromofluoromethane (50x)	103		%	50	08/07/23	JLI	70 - 130 %
% Toluene-d8 (50x)	96		%	50	08/07/23	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample 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.
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Phyllis Shiller, Laboratory Director
August 09, 2023
Reviewed and Released by: Anil Makol, Project Manager

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

Analysis Report

August 09, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/24/23	11:55
Location Code:	ECMS	Received by:	CP	07/25/23	17:18
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO58321
Phoenix ID: CO58322

Project ID: 43 LAFAYETTE AVE
Client ID: SUMP B (2.5`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	81		%		07/25/23	CV	SW846-%Solid
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,1-Dichloroethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,1-Dichloroethene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,1-Dichloropropene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,2-Dibromoethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,2-Dichloroethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,2-Dichloropropane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,3-Dichloropropane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
2,2-Dichloropropane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Bromobenzene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Bromodichloromethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Bromoform	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Bromomethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Carbon tetrachloride	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Chlorobenzene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Chloroethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Chloroform	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C

Project ID: 43 LAFAYETTE AVE
Client ID: SUMP B (2.5`)

Phoenix I.D.: CO58322

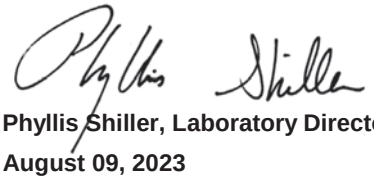
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloromethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
cis-1,2-Dichloroethene	74	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Dibromochloromethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Dibromomethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Dichlorodifluoromethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Methylene chloride	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Tetrachloroethene	1100	320	ug/Kg	50	07/28/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	07/26/23	JLI	SW8260C
Trichloroethene	9.3	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Trichlorofluoromethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
Vinyl chloride	ND	5.3	ug/Kg	1	07/26/23	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	1	07/26/23	JLI	70 - 130 %
% Bromofluorobenzene	98		%	1	07/26/23	JLI	70 - 130 %
% Dibromofluoromethane	87		%	1	07/26/23	JLI	70 - 130 %
% Toluene-d8	96		%	1	07/26/23	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	99		%	50	07/28/23	JLI	70 - 130 %
% Bromofluorobenzene (50x)	93		%	50	07/28/23	JLI	70 - 130 %
% Dibromofluoromethane (50x)	87		%	50	07/28/23	JLI	70 - 130 %
% Toluene-d8 (50x)	95		%	50	07/28/23	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample 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.
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Phyllis Shiller, Laboratory Director
August 09, 2023
Reviewed and Released by: Anil Makol, Project Manager

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

Analysis Report

August 09, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/24/23	12:35
Location Code:	ECMS	Received by:	CP	07/25/23	17:18
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO58321
Phoenix ID: CO58323

Project ID: 43 LAFAYETTE AVE
Client ID: SUMP H (3.0`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	77		%		07/25/23	CV	SW846-%Solid
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
1,1-Dichloroethane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
1,1-Dichloroethene	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
1,1-Dichloropropene	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
1,2-Dibromoethane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
1,2-Dichloroethane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
1,2-Dichloropropane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
1,3-Dichloropropane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
2,2-Dichloropropane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
Bromobenzene	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
Bromodichloromethane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
Bromoform	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
Bromomethane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
Carbon tetrachloride	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
Chlorobenzene	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
Chloroethane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
Chloroform	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C

Project ID: 43 LAFAYETTE AVE
Client ID: SUMP H (3.0`)

Phoenix I.D.: CO58323

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloromethane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
cis-1,2-Dichloroethene	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
Dibromochloromethane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
Dibromomethane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
Dichlorodifluoromethane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
Methylene chloride	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
Tetrachloroethene	1500000	59000	ug/Kg	100	07/28/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	120000	ug/Kg	100	07/28/23	JLI	SW8260C
Trichloroethene	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
Trichlorofluoromethane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
Vinyl chloride	ND	59000	ug/Kg	100	07/28/23	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (100x)	99		%	100	07/28/23	JLI	70 - 130 %
% Bromofluorobenzene (100x)	94		%	100	07/28/23	JLI	70 - 130 %
% Dibromofluoromethane (100x)	89		%	100	07/28/23	JLI	70 - 130 %
% Toluene-d8 (100x)	94		%	100	07/28/23	JLI	70 - 130 %

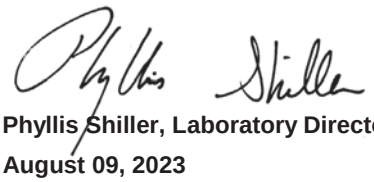
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed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

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample 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
August 09, 2023
Reviewed and Released by: Anil Makol, Project Manager

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

Analysis Report

August 09, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/24/23	13:20
Location Code:	ECMS	Received by:	CP	07/25/23	17:18
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO58321
Phoenix ID: CO58324

Project ID: 43 LAFAYETTE AVE
Client ID: SUMP B (4.0`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	81		%		07/25/23	CV	SW846-%Solid
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
1,1-Dichloroethane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
1,1-Dichloroethene	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
1,1-Dichloropropene	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
1,2-Dibromoethane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
1,2-Dichloroethane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
1,2-Dichloropropane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
1,3-Dichloropropane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
2,2-Dichloropropane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
Bromobenzene	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
Bromodichloromethane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
Bromoform	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
Bromomethane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
Carbon tetrachloride	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
Chlorobenzene	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
Chloroethane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
Chloroform	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C

Project ID: 43 LAFAYETTE AVE
Client ID: SUMP B (4.0`)

Phoenix I.D.: CO58324

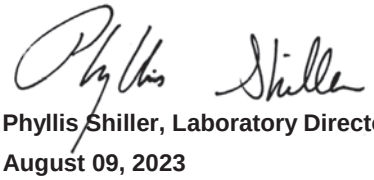
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloromethane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
cis-1,2-Dichloroethene	190	180	ug/Kg	50	07/28/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
Dibromochloromethane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
Dibromomethane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
Dichlorodifluoromethane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
Methylene chloride	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
Tetrachloroethene	12000	450	ug/Kg	50	07/28/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.8	ug/Kg	1	07/26/23	JLI	SW8260C
Trichloroethene	12	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
Trichlorofluoromethane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
Vinyl chloride	ND	4.4	ug/Kg	1	07/26/23	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	07/26/23	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	07/26/23	JLI	70 - 130 %
% Dibromofluoromethane	79		%	1	07/26/23	JLI	70 - 130 %
% Toluene-d8	91		%	1	07/26/23	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	99		%	50	07/28/23	JLI	70 - 130 %
% Bromofluorobenzene (50x)	93		%	50	07/28/23	JLI	70 - 130 %
% Dibromofluoromethane (50x)	87		%	50	07/28/23	JLI	70 - 130 %
% Toluene-d8 (50x)	96		%	50	07/28/23	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample 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.
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Phyllis Shiller, Laboratory Director
August 09, 2023
Reviewed and Released by: Anil Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

August 09, 2023

QA/QC Data

SDG I.D.: GCO58321

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 688639 (ug/kg), QC Sample No: CO58067 (CO58321, CO58322, CO58324)											
Volatiles - Soil (Low Level)											
1,1,1,2-Tetrachloroethane	ND	5.0	82	92	11.5	89	88	1.1	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	90	97	7.5	93	94	1.1	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	93	106	13.1	106	107	0.9	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	89	102	13.6	96	99	3.1	70 - 130	30	
1,1-Dichloroethane	ND	5.0	107	117	8.9	111	112	0.9	70 - 130	30	
1,1-Dichloroethene	ND	5.0	103	109	5.7	104	104	0.0	70 - 130	30	
1,1-Dichloropropene	ND	5.0	99	106	6.8	105	105	0.0	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	102	117	13.7	111	113	1.8	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	74	88	17.3	81	81	0.0	70 - 130	30	
1,2-Dibromoethane	ND	5.0	88	102	14.7	99	99	0.0	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	87	98	11.9	93	93	0.0	70 - 130	30	
1,2-Dichloroethane	ND	5.0	105	118	11.7	111	112	0.9	70 - 130	30	
1,2-Dichloropropane	ND	5.0	97	108	10.7	104	104	0.0	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	82	94	13.6	91	91	0.0	70 - 130	30	
1,3-Dichloropropane	ND	5.0	97	111	13.5	109	107	1.9	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	82	94	13.6	93	91	2.2	70 - 130	30	
2,2-Dichloropropane	ND	5.0	66	77	15.4	77	80	3.8	70 - 130	30	l
Bromobenzene	ND	5.0	88	99	11.8	97	97	0.0	70 - 130	30	
Bromodichloromethane	ND	5.0	89	101	12.6	94	95	1.1	70 - 130	30	
Bromoform	ND	5.0	71	81	13.2	70	68	2.9	70 - 130	30	m
Bromomethane	ND	5.0	113	124	9.3	112	117	4.4	70 - 130	30	
Carbon tetrachloride	ND	5.0	79	82	3.7	79	79	0.0	70 - 130	30	
Chlorobenzene	ND	5.0	88	99	11.8	98	97	1.0	70 - 130	30	
Chloroethane	ND	5.0	113	121	6.8	113	114	0.9	70 - 130	30	
Chloroform	ND	5.0	99	108	8.7	103	104	1.0	70 - 130	30	
Chloromethane	ND	5.0	101	109	7.6	92	96	4.3	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	91	103	12.4	93	99	6.3	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	83	94	12.4	88	88	0.0	70 - 130	30	
Dibromochloromethane	ND	3.0	82	92	11.5	83	83	0.0	70 - 130	30	
Dibromomethane	ND	5.0	97	111	13.5	105	107	1.9	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	95	101	6.1	85	85	0.0	70 - 130	30	
Methylene chloride	ND	5.0	92	102	10.3	95	98	3.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	104	112	7.4	107	107	0.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	77	88	13.3	82	84	2.4	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	69	82	17.2	67	67	0.0	70 - 130	30	l,m
Trichloroethene	ND	5.0	89	97	8.6	91	92	1.1	70 - 130	30	
Trichlorofluoromethane	ND	5.0	117	125	6.6	116	118	1.7	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	88	95	7.7	93	92	1.1	70 - 130	30	
Vinyl chloride	ND	5.0	105	110	4.7	99	101	2.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	%	101	101	0.0	99	102	3.0	70 - 130	30	
% Bromofluorobenzene	95	%	97	98	1.0	96	96	0.0	70 - 130	30	

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
% Dibromofluoromethane	87	%		88	87	1.1	89	87	2.3	70 - 130	30	
% Toluene-d8	99	%		99	100	1.0	99	99	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 689389H (ug/kg), QC Sample No: CO60490 50X (CO58322 (50X) , CO58323 (100X) , CO58324 (50X))

Volatiles - Soil (High Level)

1,1,1,2-Tetrachloroethane	ND	250		102	109	6.6	91	103	12.4	70 - 130	30	
1,1,1-Trichloroethane	ND	250		84	94	11.2	82	91	10.4	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	250		109	103	5.7	90	100	10.5	70 - 130	30	
1,1,2-Trichloroethane	ND	250		106	103	2.9	90	100	10.5	70 - 130	30	
1,1-Dichloroethane	ND	250		94	107	12.9	92	103	11.3	70 - 130	30	
1,1-Dichloroethene	ND	250		76	90	16.9	65	81	21.9	70 - 130	30	m
1,1-Dichloropropene	ND	250		98	110	11.5	96	106	9.9	70 - 130	30	
1,2,3-Trichloropropane	ND	250		106	101	4.8	88	109	21.3	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	250		116	103	11.9	89	95	6.5	70 - 130	30	
1,2-Dibromoethane	ND	250		114	110	3.6	95	104	9.0	70 - 130	30	
1,2-Dichlorobenzene	ND	250		109	116	6.2	97	109	11.7	70 - 130	30	
1,2-Dichloroethane	ND	250		99	99	0.0	86	95	9.9	70 - 130	30	
1,2-Dichloropropane	ND	250		97	105	7.9	90	100	10.5	70 - 130	30	
1,3-Dichlorobenzene	ND	250		108	118	8.8	99	112	12.3	70 - 130	30	
1,3-Dichloropropane	ND	250		109	108	0.9	94	104	10.1	70 - 130	30	
1,4-Dichlorobenzene	ND	250		106	118	10.7	98	111	12.4	70 - 130	30	
2,2-Dichloropropane	ND	250		76	87	13.5	73	81	10.4	70 - 130	30	
Bromobenzene	ND	250		106	117	9.9	98	110	11.5	70 - 130	30	
Bromodichloromethane	ND	250		97	101	4.0	87	96	9.8	70 - 130	30	
Bromoform	ND	250		107	104	2.8	86	98	13.0	70 - 130	30	
Bromomethane	ND	250		71	81	13.2	66	75	12.8	70 - 130	30	m
Carbon tetrachloride	ND	250		75	89	17.1	75	83	10.1	70 - 130	30	
Chlorobenzene	ND	250		104	115	10.0	99	108	8.7	70 - 130	30	
Chloroethane	ND	250		29	33	12.9	33	33	0.0	70 - 130	30	l,m
Chloroform	ND	250		92	99	7.3	86	95	9.9	70 - 130	30	
Chloromethane	ND	250		89	102	13.6	89	98	9.6	70 - 130	30	
cis-1,2-Dichloroethene	ND	250		94	104	10.1	91	99	8.4	70 - 130	30	
cis-1,3-Dichloropropene	ND	250		97	100	3.0	84	96	13.3	70 - 130	30	
Dibromochloromethane	ND	150		105	107	1.9	91	101	10.4	70 - 130	30	
Dibromomethane	ND	250		107	103	3.8	91	101	10.4	70 - 130	30	
Dichlorodifluoromethane	ND	250		86	100	15.1	82	90	9.3	70 - 130	30	
Methylene chloride	ND	250		80	88	9.5	73	83	12.8	70 - 130	30	
Tetrachloroethene	ND	250		102	117	13.7	101	112	10.3	70 - 130	30	
trans-1,2-Dichloroethene	ND	250		86	97	12.0	84	93	10.2	70 - 130	30	
trans-1,3-Dichloropropene	ND	250		97	97	0.0	82	93	12.6	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	250		101	93	8.2	78	84	7.4	70 - 130	30	
Trichloroethene	ND	250		102	110	7.5	97	110	12.6	70 - 130	30	
Trichlorofluoromethane	ND	250		28	32	13.3	40	31	25.4	70 - 130	30	l,m
Trichlorotrifluoroethane	ND	250		82	94	13.6	70	85	19.4	70 - 130	30	
Vinyl chloride	ND	250		82	97	16.8	80	92	14.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	98	%		99	98	1.0	98	99	1.0	70 - 130	30	
% Bromofluorobenzene	94	%		96	96	0.0	96	95	1.0	70 - 130	30	
% Dibromofluoromethane	86	%		87	88	1.1	88	88	0.0	70 - 130	30	
% Toluene-d8	94	%		96	96	0.0	97	98	1.0	70 - 130	30	

QA/QC Data

SDG I.D.: GCO58321

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Comment:										
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.										
QA/QC Batch 691186H (ug/kg), QC Sample No: CO65682 50X (CO58321 (50X))										
Volatiles - Soil (High Level)										
cis-1,2-Dichloroethene	ND	250	119	117	1.7	96	101	5.1	70 - 130	30
Tetrachloroethene	ND	250	125	124	0.8	105	104	1.0	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	98	98	0.0	100	98	2.0	70 - 130	30
% Bromofluorobenzene	95	%	99	100	1.0	99	100	1.0	70 - 130	30
% Dibromofluoromethane	101	%	101	101	0.0	97	100	3.0	70 - 130	30
% Toluene-d8	97	%	98	99	1.0	99	97	2.0	70 - 130	30
Comment:										
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.										

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.

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

Phyllis Shiller, Laboratory Director
August 09, 2023

Wednesday, August 09, 2023

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCO58321 - ECMS

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

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.

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

Analysis Comments

August 09, 2023 SDG I.D.: GCO58321

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

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 Temperature Narration

August 09, 2023

SDG I.D.: GCO58321

The samples in this delivery group were received at 1.8°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

CHAIN OF CUSTODY

PAGE ____ OF ____

Phoenix

8 Walkup Drive, Westboro, MA 01581, Tel: 508-898-9220
320 Forbes Blvd, Mansfield, MA 02048, Tel: 508-822-9300

Date Rec'd in Lab:

ALPHA Job #: 18 week

Client Information

Client: ECMS, Inc
Address: 10 Filmont Dr
New City, NY 10956
Phone:
Email: hurry@ecmsny.com

Project Information

Project Name: 43 Lafayette Ave
Project Location: SAR
Project #: 23527
Project Manager: H Sanderson
ALPHA Quote #:

Report Information - Data Deliverables

☐ ADEx ☑ EMAIL

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements & Project Information Requirements

☐ Yes ☐ No MA MCP Analytical Methods ☐ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☐ No NPDES RGP
☐ Other State /Fed Program _____ Criteria _____

Turn-Around Time

☑ Standard 7-Day ☐ RUSH (only confirmed if pre-approved!)

Date Due:

Additional Project Information:

ANALYSIS

VOC: ☐ 8260 ☐ 624 ☐ 524.2
SVOC: ☐ ABN ☐ PAH
METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15
METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13
EPH: ☐ Ranges & Targets ☐ Ranges Only
VPH: ☐ Ranges & Targets ☐ Ranges Only
☐ PCB ☐ PEST
TPH: ☐ Quant Only ☐ Fingerprint
VOCs Halogenated via 8260 (Not Fl, 111-TCE only report as Attached)

SAMPLE INFO
Filtration ☐ Field ☐ Lab to do
Preservation ☐ Lab to do

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Sample Comments
58321	Sump W (1')	7/24/23	1140	S	HS	
58322	Sump B (2.5')		1155	S	HS	
58323	Sump H (3.0')		1235	S	HS	High Concentrations
58324	Sump B (4.0')	7/24/23	1320	S	HS	

Container Type																			V.O.A.		
Preservative																			F/DI		

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

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
	7.25.23		7-25-23 15:56
			7/25/23 17:18

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

PHOENIX
Environmental Laboratories, Inc.

Monday, August 28, 2023

Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Project ID: **43 LAFAYETTE AVE**
SDG ID: **GCO64569**
Sample ID#s: CO64569 - CO64577

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.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. 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.

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

SDG Comments

August 28, 2023

SDG I.D.: GCO64569

Version 2: Per client request TCLP analyses were added on.

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

August 28, 2023

SDG I.D.: GCO64569

Project ID: 43 LAFAYETTE AVE

Client Id	Lab Id	Matrix
#3 40``-45``	CO64569	SOIL
#4 31``-36``	CO64570	SOIL
#5 32``-38``	CO64571	SOIL
#6 30``-35``	CO64572	SOIL
#7 36``-41``	CO64573	SOIL
#1 26``-32``	CO64574	SOIL
#2 31``-36``	CO64575	SOIL
#1 42``-59``	CO64576	SOIL
#2 39``-43``	CO64577	SOIL

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 28, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/31/23	11:00
Location Code:	ECMS	Received by:	SR1	08/02/23	16:54
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO64569
Phoenix ID: CO64569

Project ID: 43 LAFAYETTE AVE
Client ID: #3 40``-45``

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	83		%		08/02/23	CV	SW846-%Solid
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloroethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloroethene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloropropene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dibromoethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichloroethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichloropropane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,3-Dichloropropane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
2,2-Dichloropropane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Bromobenzene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Bromodichloromethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Bromoform	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Bromomethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Carbon tetrachloride	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Chlorobenzene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Chloroethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Chloroform	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C

Project ID: 43 LAFAYETTE AVE
Client ID: #3 40``-45``

Phoenix I.D.: CO64569

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloromethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Dibromochloromethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Dibromomethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Dichlorodifluoromethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Methylene chloride	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Tetrachloroethene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.6	ug/Kg	1	08/07/23	JLI	SW8260C
Trichloroethene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Trichlorofluoromethane	5.7	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Vinyl chloride	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	08/07/23	JLI	70 - 130 %
% Bromofluorobenzene	98		%	1	08/07/23	JLI	70 - 130 %
% Dibromofluoromethane	103		%	1	08/07/23	JLI	70 - 130 %
% Toluene-d8	96		%	1	08/07/23	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample 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
August 28, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

August 28, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/31/23	11:25
Location Code:	ECMS	Received by:	SR1	08/02/23	16:54
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO64569
Phoenix ID: CO64570

Project ID: 43 LAFAYETTE AVE
Client ID: #4 31``-36``

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	83		%		08/02/23	CV	SW846-%Solid
TCLP Extraction Volatiles	Completed				08/22/23	ZT	SW1311
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloroethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloroethene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloropropene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dibromoethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichloroethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichloropropane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,3-Dichloropropane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
2,2-Dichloropropane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Bromobenzene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Bromodichloromethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Bromoform	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Bromomethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Carbon tetrachloride	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Chlorobenzene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloroethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Chloroform	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Chloromethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Dibromochloromethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Dibromomethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Dichlorodifluoromethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Methylene chloride	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Tetrachloroethene	530	360	ug/Kg	50	08/05/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.3	ug/Kg	1	08/07/23	JLI	SW8260C
Trichloroethene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Trichlorofluoromethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Vinyl chloride	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	08/07/23	JLI	70 - 130 %
% Bromofluorobenzene	97		%	1	08/07/23	JLI	70 - 130 %
% Dibromofluoromethane	104		%	1	08/07/23	JLI	70 - 130 %
% Toluene-d8	98		%	1	08/07/23	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	99		%	50	08/05/23	JLI	70 - 130 %
% Bromofluorobenzene (50x)	93		%	50	08/05/23	JLI	70 - 130 %
% Dibromofluoromethane (50x)	99		%	50	08/05/23	JLI	70 - 130 %
% Toluene-d8 (50x)	95		%	50	08/05/23	JLI	70 - 130 %
TCLP 8010							
1,1,1,2-Tetrachloroethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,1,1-Trichloroethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,1,2,2-Tetrachloroethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,1,2-Trichloroethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,1-Dichloroethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,1-Dichloroethene	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,2,3-Trichloropropane	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,2-Dichlorobenzene	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,2-Dichloroethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,2-Dichloropropane	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,3-Dichlorobenzene	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,4-Dichlorobenzene	ND	50	ug/L	10	08/23/23	HM	SW8260D
Bromobenzene	ND	50	ug/L	10	08/23/23	HM	SW8260D
Bromodichloromethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
Bromoform	ND	50	ug/L	10	08/23/23	HM	SW8260D
Bromomethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
Carbon tetrachloride	ND	50	ug/L	10	08/23/23	HM	SW8260D
Chlorobenzene	ND	50	ug/L	10	08/23/23	HM	SW8260D
Chloroethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
Chloroform	ND	50	ug/L	10	08/23/23	HM	SW8260D
Chloromethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
cis-1,2-Dichloroethene	ND	50	ug/L	10	08/23/23	HM	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
cis-1,3-Dichloropropene	ND	50	ug/L	10	08/23/23	HM	SW8260D
Dibromochloromethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
Dibromomethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
Dichlorodifluoromethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
Tetrachloroethene	ND	50	ug/L	10	08/23/23	HM	SW8260D
trans-1,2-Dichloroethene	ND	50	ug/L	10	08/23/23	HM	SW8260D
trans-1,3-Dichloropropene	ND	50	ug/L	10	08/23/23	HM	SW8260D
Trichloroethene	ND	50	ug/L	10	08/23/23	HM	SW8260D
Trichlorofluoromethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
Vinyl chloride	ND	50	ug/L	10	08/23/23	HM	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (10x)	99		%	10	08/23/23	HM	70 - 130 %
% Bromofluorobenzene (10x)	94		%	10	08/23/23	HM	70 - 130 %
% Dibromofluoromethane (10x)	99		%	10	08/23/23	HM	70 - 130 %
% Toluene-d8 (10x)	95		%	10	08/23/23	HM	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample 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.
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Phyllis Shiller, Laboratory Director
August 28, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

August 28, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/31/23	12:00
Location Code:	ECMS	Received by:	SR1	08/02/23	16:54
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO64569
Phoenix ID: CO64571

Project ID: 43 LAFAYETTE AVE
Client ID: #5 32``-38``

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	82		%		08/02/23	CV	SW846-%Solid
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloroethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloroethene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloropropene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dibromoethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichloroethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichloropropane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,3-Dichloropropane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
2,2-Dichloropropane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Bromobenzene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Bromodichloromethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Bromoform	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Bromomethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Carbon tetrachloride	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Chlorobenzene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Chloroethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Chloroform	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C

Project ID: 43 LAFAYETTE AVE
Client ID: #5 32``-38``

Phoenix I.D.: CO64571

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloromethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Dibromochloromethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Dibromomethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Dichlorodifluoromethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Methylene chloride	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Tetrachloroethene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.1	ug/Kg	1	08/07/23	JLI	SW8260C
Trichloroethene	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Trichlorofluoromethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
Vinyl chloride	ND	4.6	ug/Kg	1	08/07/23	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	08/07/23	JLI	70 - 130 %
% Bromofluorobenzene	97		%	1	08/07/23	JLI	70 - 130 %
% Dibromofluoromethane	109		%	1	08/07/23	JLI	70 - 130 %
% Toluene-d8	95		%	1	08/07/23	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
August 28, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

August 28, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/31/23	13:20
Location Code:	ECMS	Received by:	SR1	08/02/23	16:54
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO64569
Phoenix ID: CO64572

Project ID: 43 LAFAYETTE AVE
Client ID: #6 30``-35``

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	83		%		08/02/23	CV	SW846-%Solid
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloroethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloroethene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloropropene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dibromoethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichloroethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichloropropane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,3-Dichloropropane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
2,2-Dichloropropane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Bromobenzene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Bromodichloromethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Bromoform	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Bromomethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Carbon tetrachloride	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Chlorobenzene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Chloroethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Chloroform	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C

Project ID: 43 LAFAYETTE AVE
Client ID: #6 30``-35``

Phoenix I.D.: CO64572

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloromethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Dibromochloromethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Dibromomethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Dichlorodifluoromethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Methylene chloride	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Tetrachloroethene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	8.6	ug/Kg	1	08/07/23	JLI	SW8260C
Trichloroethene	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Trichlorofluoromethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
Vinyl chloride	ND	4.3	ug/Kg	1	08/07/23	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	08/07/23	JLI	70 - 130 %
% Bromofluorobenzene	96		%	1	08/07/23	JLI	70 - 130 %
% Dibromofluoromethane	103		%	1	08/07/23	JLI	70 - 130 %
% Toluene-d8	96		%	1	08/07/23	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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:

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Phyllis Shiller, Laboratory Director
August 28, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

August 28, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/31/23	13:45
Location Code:	ECMS	Received by:	SR1	08/02/23	16:54
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO64569
Phoenix ID: CO64573

Project ID: 43 LAFAYETTE AVE
Client ID: #7 36``-41``

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	80		%		08/02/23	CV	SW846-%Solid
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloroethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloroethene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloropropene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dibromoethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichloroethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichloropropane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,3-Dichloropropane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
2,2-Dichloropropane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Bromobenzene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Bromodichloromethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Bromoform	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Bromomethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Carbon tetrachloride	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Chlorobenzene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Chloroethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Chloroform	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C

Project ID: 43 LAFAYETTE AVE
Client ID: #7 36``-41``

Phoenix I.D.: CO64573

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloromethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
cis-1,2-Dichloroethene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Dibromochloromethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Dibromomethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Dichlorodifluoromethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Methylene chloride	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Tetrachloroethene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.5	ug/Kg	1	08/07/23	JLI	SW8260C
Trichloroethene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Trichlorofluoromethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Vinyl chloride	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	08/07/23	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	08/07/23	JLI	70 - 130 %
% Dibromofluoromethane	103		%	1	08/07/23	JLI	70 - 130 %
% Toluene-d8	97		%	1	08/07/23	JLI	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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:

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Phyllis Shiller, Laboratory Director
August 28, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

August 28, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/31/23	8:35
Location Code:	ECMS	Received by:	SR1	08/02/23	16:54
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO64569
Phoenix ID: CO64574

Project ID: 43 LAFAYETTE AVE
Client ID: #1 26``-32``

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	78		%		08/02/23	CV	SW846-%Solid
TCLP Extraction Volatiles	Completed				08/22/23	ZT	SW1311
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
1,1-Dichloroethane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
1,1-Dichloroethene	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
1,1-Dichloropropene	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
1,2-Dibromoethane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
1,2-Dichloroethane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
1,2-Dichloropropane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
1,3-Dichloropropane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
2,2-Dichloropropane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
Bromobenzene	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
Bromodichloromethane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
Bromoform	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
Bromomethane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
Carbon tetrachloride	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
Chlorobenzene	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloroethane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
Chloroform	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
Chloromethane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
cis-1,2-Dichloroethene	22	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
Dibromochloromethane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
Dibromomethane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
Dichlorodifluoromethane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
Methylene chloride	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
Tetrachloroethene	3600	420	ug/Kg	50	08/05/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	08/08/23	JLI	SW8260C
Trichloroethene	5.9	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
Trichlorofluoromethane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
Vinyl chloride	ND	5.1	ug/Kg	1	08/08/23	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	08/08/23	JLI	70 - 130 %
% Bromofluorobenzene	97		%	1	08/08/23	JLI	70 - 130 %
% Dibromofluoromethane	99		%	1	08/08/23	JLI	70 - 130 %
% Toluene-d8	97		%	1	08/08/23	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	99		%	50	08/05/23	JLI	70 - 130 %
% Bromofluorobenzene (50x)	94		%	50	08/05/23	JLI	70 - 130 %
% Dibromofluoromethane (50x)	97		%	50	08/05/23	JLI	70 - 130 %
% Toluene-d8 (50x)	95		%	50	08/05/23	JLI	70 - 130 %
TCLP 8010							
1,1,1,2-Tetrachloroethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,1,1-Trichloroethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,1,2,2-Tetrachloroethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,1,2-Trichloroethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,1-Dichloroethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,1-Dichloroethene	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,2,3-Trichloropropane	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,2-Dichlorobenzene	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,2-Dichloroethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,2-Dichloropropane	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,3-Dichlorobenzene	ND	50	ug/L	10	08/23/23	HM	SW8260D
1,4-Dichlorobenzene	ND	50	ug/L	10	08/23/23	HM	SW8260D
Bromobenzene	ND	50	ug/L	10	08/23/23	HM	SW8260D
Bromodichloromethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
Bromoform	ND	50	ug/L	10	08/23/23	HM	SW8260D
Bromomethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
Carbon tetrachloride	ND	50	ug/L	10	08/23/23	HM	SW8260D
Chlorobenzene	ND	50	ug/L	10	08/23/23	HM	SW8260D
Chloroethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
Chloroform	ND	50	ug/L	10	08/23/23	HM	SW8260D
Chloromethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
cis-1,2-Dichloroethene	ND	50	ug/L	10	08/23/23	HM	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
cis-1,3-Dichloropropene	ND	50	ug/L	10	08/23/23	HM	SW8260D
Dibromochloromethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
Dibromomethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
Dichlorodifluoromethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
Tetrachloroethene	ND	50	ug/L	10	08/23/23	HM	SW8260D
trans-1,2-Dichloroethene	ND	50	ug/L	10	08/23/23	HM	SW8260D
trans-1,3-Dichloropropene	ND	50	ug/L	10	08/23/23	HM	SW8260D
Trichloroethene	ND	50	ug/L	10	08/23/23	HM	SW8260D
Trichlorofluoromethane	ND	50	ug/L	10	08/23/23	HM	SW8260D
Vinyl chloride	ND	50	ug/L	10	08/23/23	HM	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (10x)	98		%	10	08/23/23	HM	70 - 130 %
% Bromofluorobenzene (10x)	94		%	10	08/23/23	HM	70 - 130 %
% Dibromofluoromethane (10x)	99		%	10	08/23/23	HM	70 - 130 %
% Toluene-d8 (10x)	94		%	10	08/23/23	HM	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample 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
August 28, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

August 28, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/31/23	9:40
Location Code:	ECMS	Received by:	SR1	08/02/23	16:54
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO64569
Phoenix ID: CO64575

Project ID: 43 LAFAYETTE AVE
Client ID: #2 31``-36``

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	82		%		08/02/23	CV	SW846-%Solid
TCLP Extraction Volatiles	Completed				08/23/23	HT	SW1311
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloroethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloroethene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloropropene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dibromoethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichloroethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichloropropane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,3-Dichloropropane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
2,2-Dichloropropane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Bromobenzene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Bromodichloromethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Bromoform	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Bromomethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Carbon tetrachloride	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Chlorobenzene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloroethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Chloroform	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Chloromethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
cis-1,2-Dichloroethene	15	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Dibromochloromethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Dibromomethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Dichlorodifluoromethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Methylene chloride	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Tetrachloroethene	300	270	ug/Kg	50	08/06/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.6	ug/Kg	1	08/07/23	JLI	SW8260C
Trichloroethene	9.9	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Trichlorofluoromethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
Vinyl chloride	ND	4.8	ug/Kg	1	08/07/23	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	08/07/23	JLI	70 - 130 %
% Bromofluorobenzene	96		%	1	08/07/23	JLI	70 - 130 %
% Dibromofluoromethane	104		%	1	08/07/23	JLI	70 - 130 %
% Toluene-d8	97		%	1	08/07/23	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	99		%	50	08/06/23	JLI	70 - 130 %
% Bromofluorobenzene (50x)	96		%	50	08/06/23	JLI	70 - 130 %
% Dibromofluoromethane (50x)	99		%	50	08/06/23	JLI	70 - 130 %
% Toluene-d8 (50x)	96		%	50	08/06/23	JLI	70 - 130 %
TCLP 8010							
1,1,1,2-Tetrachloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,1,1-Trichloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,1,2,2-Tetrachloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,1,2-Trichloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,1-Dichloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,1-Dichloroethene	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,2,3-Trichloropropane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,2-Dichlorobenzene	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,2-Dichloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,2-Dichloropropane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,3-Dichlorobenzene	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,4-Dichlorobenzene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Bromobenzene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Bromodichloromethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Bromoform	ND	50	ug/L	10	08/24/23	HM	SW8260D
Bromomethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Carbon tetrachloride	ND	50	ug/L	10	08/24/23	HM	SW8260D
Chlorobenzene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Chloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Chloroform	ND	50	ug/L	10	08/24/23	HM	SW8260D
Chloromethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
cis-1,2-Dichloroethene	ND	50	ug/L	10	08/24/23	HM	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
cis-1,3-Dichloropropene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Dibromochloromethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Dibromomethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Dichlorodifluoromethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Tetrachloroethene	ND	50	ug/L	10	08/24/23	HM	SW8260D
trans-1,2-Dichloroethene	ND	50	ug/L	10	08/24/23	HM	SW8260D
trans-1,3-Dichloropropene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Trichloroethene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Trichlorofluoromethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Vinyl chloride	ND	50	ug/L	10	08/24/23	HM	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (10x)	97		%	10	08/24/23	HM	70 - 130 %
% Bromofluorobenzene (10x)	94		%	10	08/24/23	HM	70 - 130 %
% Dibromofluoromethane (10x)	99		%	10	08/24/23	HM	70 - 130 %
% Toluene-d8 (10x)	94		%	10	08/24/23	HM	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample 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
August 28, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

August 28, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/31/23	9:15
Location Code:	ECMS	Received by:	SR1	08/02/23	16:54
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO64569
Phoenix ID: CO64576

Project ID: 43 LAFAYETTE AVE
Client ID: #1 42``-59``

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	79		%		08/02/23	CV	SW846-%Solid
TCLP Extraction Volatiles	Completed				08/23/23	HT	SW1311
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
1,1-Dichloroethane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
1,1-Dichloroethene	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
1,1-Dichloropropene	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
1,2-Dibromoethane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
1,2-Dichloroethane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
1,2-Dichloropropane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
1,3-Dichloropropane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
2,2-Dichloropropane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
Bromobenzene	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
Bromodichloromethane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
Bromoform	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
Bromomethane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
Carbon tetrachloride	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
Chlorobenzene	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloroethane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
Chloroform	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
Chloromethane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
cis-1,2-Dichloroethene	270	250	ug/Kg	50	08/06/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
Dibromochloromethane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
Dibromomethane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
Dichlorodifluoromethane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
Methylene chloride	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
Tetrachloroethene	5900	330	ug/Kg	50	08/06/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	08/08/23	JLI	SW8260C
Trichloroethene	12	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
Trichlorofluoromethane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
Vinyl chloride	ND	5.4	ug/Kg	1	08/08/23	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	08/08/23	JLI	70 - 130 %
% Bromofluorobenzene	96		%	1	08/08/23	JLI	70 - 130 %
% Dibromofluoromethane	104		%	1	08/08/23	JLI	70 - 130 %
% Toluene-d8	96		%	1	08/08/23	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	98		%	50	08/06/23	JLI	70 - 130 %
% Bromofluorobenzene (50x)	93		%	50	08/06/23	JLI	70 - 130 %
% Dibromofluoromethane (50x)	98		%	50	08/06/23	JLI	70 - 130 %
% Toluene-d8 (50x)	96		%	50	08/06/23	JLI	70 - 130 %
TCLP 8010							
1,1,1,2-Tetrachloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,1,1-Trichloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,1,2,2-Tetrachloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,1,2-Trichloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,1-Dichloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,1-Dichloroethene	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,2,3-Trichloropropane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,2-Dichlorobenzene	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,2-Dichloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,2-Dichloropropane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,3-Dichlorobenzene	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,4-Dichlorobenzene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Bromobenzene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Bromodichloromethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Bromoform	ND	50	ug/L	10	08/24/23	HM	SW8260D
Bromomethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Carbon tetrachloride	ND	50	ug/L	10	08/24/23	HM	SW8260D
Chlorobenzene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Chloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Chloroform	ND	50	ug/L	10	08/24/23	HM	SW8260D
Chloromethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
cis-1,2-Dichloroethene	ND	50	ug/L	10	08/24/23	HM	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
cis-1,3-Dichloropropene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Dibromochloromethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Dibromomethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Dichlorodifluoromethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Tetrachloroethene	ND	50	ug/L	10	08/24/23	HM	SW8260D
trans-1,2-Dichloroethene	ND	50	ug/L	10	08/24/23	HM	SW8260D
trans-1,3-Dichloropropene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Trichloroethene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Trichlorofluoromethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Vinyl chloride	ND	50	ug/L	10	08/24/23	HM	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (10x)	98		%	10	08/24/23	HM	70 - 130 %
% Bromofluorobenzene (10x)	94		%	10	08/24/23	HM	70 - 130 %
% Dibromofluoromethane (10x)	99		%	10	08/24/23	HM	70 - 130 %
% Toluene-d8 (10x)	95		%	10	08/24/23	HM	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample 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.
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Phyllis Shiller, Laboratory Director
August 28, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

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

Analysis Report

August 28, 2023

FOR: Attn: Mr. Harry Sudwischer
ECMS, Inc
10 Filmont Drive
NY, NY 10956

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		07/31/23	9:50
Location Code:	ECMS	Received by:	SR1	08/02/23	16:54
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCO64569
Phoenix ID: CO64577

Project ID: 43 LAFAYETTE AVE
Client ID: #2 39``-43``

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	82		%		08/02/23	CV	SW846-%Solid
TCLP Extraction Volatiles	Completed				08/23/23	HT	SW1311
Halogenated Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloroethane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloroethene	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
1,1-Dichloropropene	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dibromoethane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichloroethane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
1,2-Dichloropropane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
1,3-Dichloropropane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
2,2-Dichloropropane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
Bromobenzene	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
Bromodichloromethane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
Bromoform	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
Bromomethane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
Carbon tetrachloride	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
Chlorobenzene	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chloroethane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
Chloroform	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
Chloromethane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
cis-1,2-Dichloroethene	18	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
Dibromochloromethane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
Dibromomethane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
Dichlorodifluoromethane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
Methylene chloride	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
Tetrachloroethene	470	350	ug/Kg	50	08/06/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.8	ug/Kg	1	08/07/23	JLI	SW8260C
Trichloroethene	22	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
Trichlorofluoromethane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
Vinyl chloride	ND	4.9	ug/Kg	1	08/07/23	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	08/07/23	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	08/07/23	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	08/07/23	JLI	70 - 130 %
% Toluene-d8	96		%	1	08/07/23	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	100		%	50	08/06/23	JLI	70 - 130 %
% Bromofluorobenzene (50x)	93		%	50	08/06/23	JLI	70 - 130 %
% Dibromofluoromethane (50x)	100		%	50	08/06/23	JLI	70 - 130 %
% Toluene-d8 (50x)	96		%	50	08/06/23	JLI	70 - 130 %
TCLP 8010							
1,1,1,2-Tetrachloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,1,1-Trichloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,1,2,2-Tetrachloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,1,2-Trichloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,1-Dichloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,1-Dichloroethene	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,2,3-Trichloropropane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,2-Dichlorobenzene	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,2-Dichloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,2-Dichloropropane	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,3-Dichlorobenzene	ND	50	ug/L	10	08/24/23	HM	SW8260D
1,4-Dichlorobenzene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Bromobenzene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Bromodichloromethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Bromoform	ND	50	ug/L	10	08/24/23	HM	SW8260D
Bromomethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Carbon tetrachloride	ND	50	ug/L	10	08/24/23	HM	SW8260D
Chlorobenzene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Chloroethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Chloroform	ND	50	ug/L	10	08/24/23	HM	SW8260D
Chloromethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
cis-1,2-Dichloroethene	ND	50	ug/L	10	08/24/23	HM	SW8260D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
cis-1,3-Dichloropropene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Dibromochloromethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Dibromomethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Dichlorodifluoromethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Tetrachloroethene	ND	50	ug/L	10	08/24/23	HM	SW8260D
trans-1,2-Dichloroethene	ND	50	ug/L	10	08/24/23	HM	SW8260D
trans-1,3-Dichloropropene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Trichloroethene	ND	50	ug/L	10	08/24/23	HM	SW8260D
Trichlorofluoromethane	ND	50	ug/L	10	08/24/23	HM	SW8260D
Vinyl chloride	ND	50	ug/L	10	08/24/23	HM	SW8260D
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (10x)	98		%	10	08/24/23	HM	70 - 130 %
% Bromofluorobenzene (10x)	94		%	10	08/24/23	HM	70 - 130 %
% Dibromofluoromethane (10x)	98		%	10	08/24/23	HM	70 - 130 %
% Toluene-d8 (10x)	95		%	10	08/24/23	HM	70 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample 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
August 28, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

August 28, 2023

QA/QC Data

SDG I.D.: GCO64569

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 694115 (ug/L), QC Sample No: CO64577 (CO64575 (10X) , CO64576 (10X) , CO64577 (10X))											
Volatiles - TCLP											
1,1,1,2-Tetrachloroethane	ND	5.0	109	108	0.9	111	120	7.8	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	107	105	1.9	113	124	9.3	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	5.0	95	95	0.0	92	99	7.3	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	102	101	1.0	102	111	8.5	70 - 130	30	
1,1-Dichloroethane	ND	5.0	98	96	2.1	104	113	8.3	70 - 130	30	
1,1-Dichloroethene	ND	5.0	105	102	2.9	114	123	7.6	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	96	96	0.0	93	99	6.3	70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	105	102	2.9	105	110	4.7	70 - 130	30	
1,2-Dichloroethane	ND	0.60	106	105	0.9	107	116	8.1	70 - 130	30	
1,2-Dichloropropane	ND	5.0	98	97	1.0	102	111	8.5	70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	104	102	1.9	107	114	6.3	70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	103	102	1.0	105	110	4.7	70 - 130	30	
Bromobenzene	ND	5.0	100	99	1.0	104	111	6.5	70 - 130	30	
Bromodichloromethane	ND	5.0	108	108	0.0	108	120	10.5	70 - 130	30	
Bromoform	ND	5.0	115	114	0.9	104	115	10.0	70 - 130	30	
Bromomethane	ND	5.0	98	100	2.0	65	99	41.5	70 - 130	30	m,r
Carbon tetrachloride	ND	5.0	117	116	0.9	104	113	8.3	70 - 130	30	
Chlorobenzene	ND	1.0	103	103	0.0	109	115	5.4	70 - 130	30	
Chloroethane	ND	5.0	109	105	3.7	116	129	10.6	70 - 130	30	
Chloroform	ND	5.0	100	99	1.0	105	115	9.1	70 - 130	30	
Chloromethane	ND	5.0	95	94	1.1	98	111	12.4	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	96	90	6.5	101	106	4.8	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	106	104	1.9	104	117	11.8	70 - 130	30	
Dibromochloromethane	ND	5.0	115	112	2.6	110	119	7.9	70 - 130	30	
Dibromomethane	ND	5.0	100	97	3.0	99	108	8.7	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	95	94	1.1	98	105	6.9	70 - 130	30	
Tetrachloroethene	ND	1.0	107	107	0.0	115	122	5.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	99	97	2.0	105	114	8.2	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	110	109	0.9	107	117	8.9	70 - 130	30	
Trichloroethene	ND	5.0	105	104	1.0	112	121	7.7	70 - 130	30	
Trichlorofluoromethane	ND	5.0	110	107	2.8	119	126	5.7	70 - 130	30	
Vinyl chloride	ND	5.0	96	95	1.0	105	115	9.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	99	%	100	100	0.0	100	99	1.0	70 - 130	30	
% Bromofluorobenzene	95	%	100	100	0.0	100	99	1.0	70 - 130	30	
% Dibromofluoromethane	100	%	98	98	0.0	97	97	0.0	70 - 130	30	
% Toluene-d8	94	%	97	98	1.0	96	98	2.1	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Data

SDG I.D.: GCO64569

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 691186 (ug/kg), QC Sample No: CO65682 (CO64569, CO64570, CO64571, CO64572, CO64573, CO64575, CO64577)											
Volatiles - Soil (Low Level)											
1,1,1,2-Tetrachloroethane	ND	5.0	109	111	1.8	98			70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	108	113	4.5	104			70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	101	100	1.0	90			70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	104	101	2.9	97			70 - 130	30	
1,1-Dichloroethane	ND	5.0	111	115	3.5	105			70 - 130	30	
1,1-Dichloroethene	ND	5.0	100	102	2.0	92			70 - 130	30	
1,1-Dichloropropene	ND	5.0	107	107	0.0	94			70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	101	101	0.0	85			70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	113	106	6.4	100			70 - 130	30	
1,2-Dibromoethane	ND	5.0	105	107	1.9	99			70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	101	100	1.0	72			70 - 130	30	
1,2-Dichloroethane	ND	5.0	100	100	0.0	93			70 - 130	30	
1,2-Dichloropropane	ND	5.0	100	98	2.0	93			70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	103	101	2.0	72			70 - 130	30	
1,3-Dichloropropane	ND	5.0	100	100	0.0	93			70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	100	100	0.0	72			70 - 130	30	
2,2-Dichloropropane	ND	5.0	108	110	1.8	93			70 - 130	30	
Bromobenzene	ND	5.0	103	101	2.0	84			70 - 130	30	
Bromodichloromethane	ND	5.0	108	106	1.9	100			70 - 130	30	
Bromoform	ND	5.0	116	114	1.7	102			70 - 130	30	
Bromomethane	ND	5.0	98	100	2.0	94			70 - 130	30	
Carbon tetrachloride	ND	5.0	112	116	3.5	102			70 - 130	30	
Chlorobenzene	ND	5.0	100	100	0.0	85			70 - 130	30	
Chloroethane	ND	5.0	96	98	2.1	92			70 - 130	30	
Chloroform	ND	5.0	103	103	0.0	95			70 - 130	30	
Chloromethane	ND	5.0	100	103	3.0	94			70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	105	107	1.9	98			70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	108	106	1.9	97			70 - 130	30	
Dibromochloromethane	ND	3.0	111	110	0.9	100			70 - 130	30	
Dibromomethane	ND	5.0	103	100	3.0	94			70 - 130	30	
Dichlorodifluoromethane	ND	5.0	108	108	0.0	100			70 - 130	30	
Methylene chloride	ND	5.0	89	90	1.1	142			70 - 130	30	m
Tetrachloroethene	ND	5.0	108	109	0.9	117			70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	101	102	1.0	91			70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	111	111	0.0	98			70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	113	110	2.7	98			70 - 130	30	
Trichloroethene	ND	5.0	105	104	1.0	94			70 - 130	30	
Trichlorofluoromethane	ND	5.0	110	112	1.8	100			70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	104	105	1.0	90			70 - 130	30	
Vinyl chloride	ND	5.0	100	102	2.0	93			70 - 130	30	
% 1,2-dichlorobenzene-d4	101	%	100	99	1.0	99			70 - 130	30	
% Bromofluorobenzene	97	%	99	100	1.0	100			70 - 130	30	
% Dibromofluoromethane	108	%	102	103	1.0	101			70 - 130	30	
% Toluene-d8	96	%	99	98	1.0	97			70 - 130	30	

Comment:

The MSD is not reported for this LL soil batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Data

SDG I.D.: GCO64569

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 691392 (ug/kg), QC Sample No: CO65687 (CO64574, CO64576)										
Volatiles - Soil (Low Level)										
1,1,1,2-Tetrachloroethane	ND	5.0	106	98	7.8	97			70 - 130	30
1,1,1-Trichloroethane	ND	5.0	110	97	12.6	105			70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	92	103	11.3	90			70 - 130	30
1,1,2-Trichloroethane	ND	5.0	98	105	6.9	95			70 - 130	30
1,1-Dichloroethane	ND	5.0	110	101	8.5	102			70 - 130	30
1,1-Dichloroethene	ND	5.0	97	83	15.6	91			70 - 130	30
1,1-Dichloropropene	ND	5.0	104	90	14.4	94			70 - 130	30
1,2,3-Trichloropropane	ND	5.0	89	97	8.6	84			70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	99	121	20.0	96			70 - 130	30
1,2-Dibromoethane	ND	5.0	103	106	2.9	95			70 - 130	30
1,2-Dichlorobenzene	ND	5.0	96	91	5.3	77			70 - 130	30
1,2-Dichloroethane	ND	5.0	95	99	4.1	92			70 - 130	30
1,2-Dichloropropane	ND	5.0	94	90	4.3	91			70 - 130	30
1,3-Dichlorobenzene	ND	5.0	98	90	8.5	79			70 - 130	30
1,3-Dichloropropane	ND	5.0	96	96	0.0	89			70 - 130	30
1,4-Dichlorobenzene	ND	5.0	95	87	8.8	77			70 - 130	30
2,2-Dichloropropane	ND	5.0	103	91	12.4	91			70 - 130	30
Bromobenzene	ND	5.0	99	94	5.2	86			70 - 130	30
Bromodichloromethane	ND	5.0	104	98	5.9	97			70 - 130	30
Bromoform	ND	5.0	112	118	5.2	102			70 - 130	30
Bromomethane	ND	5.0	99	89	10.6	96			70 - 130	30
Carbon tetrachloride	ND	5.0	111	100	10.4	105			70 - 130	30
Chlorobenzene	ND	5.0	98	88	10.8	85			70 - 130	30
Chloroethane	ND	5.0	93	80	15.0	86			70 - 130	30
Chloroform	ND	5.0	100	92	8.3	95			70 - 130	30
Chloromethane	ND	5.0	96	83	14.5	89			70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	102	95	7.1	96			70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	102	97	5.0	94			70 - 130	30
Dibromochloromethane	ND	3.0	107	106	0.9	96			70 - 130	30
Dibromomethane	ND	5.0	97	99	2.0	96			70 - 130	30
Dichlorodifluoromethane	ND	5.0	105	91	14.3	98			70 - 130	30
Methylene chloride	ND	5.0	86	81	6.0	94			70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	98	83	16.6	91			70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	105	105	0.0	96			70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	105	120	13.3	92			70 - 130	30
Trichloroethene	ND	5.0	103	91	12.4	95			70 - 130	30
Trichlorofluoromethane	ND	5.0	110	92	17.8	100			70 - 130	30
Trichlorotrifluoroethane	ND	5.0	103	89	14.6	93			70 - 130	30
Vinyl chloride	ND	5.0	94	81	14.9	89			70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	99	101	2.0	99			70 - 130	30
% Bromofluorobenzene	97	%	100	101	1.0	100			70 - 130	30
% Dibromofluoromethane	99	%	101	105	3.9	102			70 - 130	30
% Toluene-d8	94	%	98	98	0.0	98			70 - 130	30

Comment:

The MSD is not reported for this LL soil batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Data

SDG I.D.: GCO64569

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 691182H (ug/kg), QC Sample No: CO66436 (CO64570 (50X) , CO64574 (50X) , CO64575 (50X) , CO64576 (50X) , CO64577 (50X))										
Volatiles - Soil (High Level)										
cis-1,2-Dichloroethene	ND	5.0	116	113	2.6	98	99	1.0	70 - 130	30
Tetrachloroethene	ND	5.0	123	122	0.8	100	99	1.0	70 - 130	30
% 1,2-dichlorobenzene-d4	98	%	98	99	1.0	99	99	0.0	70 - 130	30
% Bromofluorobenzene	96	%	99	99	0.0	98	97	1.0	70 - 130	30
% Dibromofluoromethane	100	%	102	99	3.0	100	96	4.1	70 - 130	30
% Toluene-d8	95	%	98	100	2.0	96	98	2.1	70 - 130	30
Comment:										
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.										
QA/QC Batch 693932 (ug/L), QC Sample No: CO79298 (CO64570 (10X) , CO64574 (10X))										
Volatiles - TCLP										
1,1,1,2-Tetrachloroethane	ND	5.0	108	107	0.9	92	113	20.5	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	105	102	2.9	99	115	15.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	5.0	93	96	3.2	76	96	23.3	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	102	102	0.0	89	108	19.3	70 - 130	30
1,1-Dichloroethane	ND	5.0	97	95	2.1	94	108	13.9	70 - 130	30
1,1-Dichloroethene	ND	5.0	102	98	4.0	102	119	15.4	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	95	97	2.1	77	99	25.0	70 - 130	30
1,2-Dichlorobenzene	ND	1.0	102	102	0.0	82	97	16.8	70 - 130	30
1,2-Dichloroethane	ND	0.60	104	103	1.0	97	115	17.0	70 - 130	30
1,2-Dichloropropane	ND	5.0	98	97	1.0	91	106	15.2	70 - 130	30
1,3-Dichlorobenzene	ND	1.0	103	102	1.0	83	98	16.6	70 - 130	30
1,4-Dichlorobenzene	ND	1.0	101	100	1.0	82	97	16.8	70 - 130	30
Bromobenzene	ND	5.0	98	99	1.0	85	100	16.2	70 - 130	30
Bromodichloromethane	ND	5.0	108	105	2.8	95	115	19.0	70 - 130	30
Bromoform	ND	5.0	114	115	0.9	87	112	25.1	70 - 130	30
Bromomethane	ND	5.0	96	94	2.1	90	118	26.9	70 - 130	30
Carbon tetrachloride	ND	5.0	116	114	1.7	85	103	19.1	70 - 130	30
Chlorobenzene	ND	1.0	102	102	0.0	89	106	17.4	70 - 130	30
Chloroethane	ND	5.0	103	100	3.0	109	125	13.7	70 - 130	30
Chloroform	ND	5.0	100	98	2.0	94	111	16.6	70 - 130	30
Chloromethane	ND	5.0	89	89	0.0	96	112	15.4	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	94	93	1.1	91	108	17.1	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	106	104	1.9	94	111	16.6	70 - 130	30
Dibromochloromethane	ND	5.0	114	114	0.0	93	118	23.7	70 - 130	30
Dibromomethane	ND	5.0	98	99	1.0	88	105	17.6	70 - 130	30
Dichlorodifluoromethane	ND	5.0	80	78	2.5	96	108	11.8	70 - 130	30
Tetrachloroethene	ND	1.0	108	105	2.8	88	103	15.7	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	97	96	1.0	95	110	14.6	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	111	110	0.9	96	114	17.1	70 - 130	30
Trichloroethene	ND	5.0	105	102	2.9	96	111	14.5	70 - 130	30
Trichlorofluoromethane	ND	5.0	104	101	2.9	106	119	11.6	70 - 130	30
Vinyl chloride	ND	5.0	91	90	1.1	99	114	14.1	70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	99	100	1.0	99	100	1.0	70 - 130	30
% Bromofluorobenzene	93	%	100	99	1.0	98	100	2.0	70 - 130	30
% Dibromofluoromethane	100	%	98	100	2.0	98	101	3.0	70 - 130	30
% Toluene-d8	94	%	98	98	0.0	97	96	1.0	70 - 130	30

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

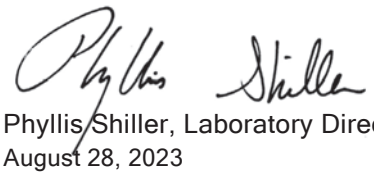
Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

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



Phyllis Shiller, Laboratory Director
August 28, 2023

Monday, August 28, 2023

Criteria: NY: 375

State: NY

Sample Criteria Exceedances Report

GCO64569 - ECMS

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CO64574	$8010-MAR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	3600	420	1300	1300	ug/Kg
CO64576	$8010-MAR	Tetrachloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	5900	330	1300	1300	ug/Kg
CO64576	$8010-MAR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	270	250	250	250	ug/Kg

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.

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

Analysis Comments

August 28, 2023 SDG I.D.: GCO64569

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

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 Temperature Narration

August 28, 2023

SDG I.D.: GCO64569

The samples in this delivery group were received at 2.4°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐
Temp 4.4 °C Pg of

NY/NJ/PA CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Phone:
☐ Fax:
☐ Email:

Customer: ECMS Inc
Address: 40 Filmont Dr
New City, NY 10956

Project: 43 Lafayette Ave
Report to:
Invoice to:
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 8/1/23

Client Sample - Information - Identification

Analysis Request: VOCs Chlorinated List #4 Emailed

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs Chlorinated List #4 Emailed	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
645569	#3 40"-45"	S	7/31/23	1100	X		3		1								
645570	#4 31"-36"	S	7/31/23	1125	X		3		1								
645571	#5 32"-38"	S	7/31/23	1200	X		2		1								
645572	#6 30"-35"	S	7/31/23	1320	X		3		1								
645573	#7 36"-41"	S	7/31/23	1345	X		3		1								
645574	#1 26"-32"	S	7/31/23	0835	X		3		1								
645575	#2 31"-36"	S	7/31/23	0940	X		3		1								
645576	#1 42"-59"	S	7/31/23	0915	X		3		1								
645577	#2 39"-43"	S	7/31/23	0950	X		3		1								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	8/2/23	1040
[signature]	[signature]	8/2/23	15:25
[signature]	[signature]	8/2/23	16:55

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days*
☐ 10 Days
☐ Other

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

NY
☐ TOGS GW
☐ CP-51 SOIL
☒ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential Restricted Soil
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected? NY

Comments, Special Requirements or Regulations:

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☒ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD
☐ GIS/Key ☐ Other

SURCHARGE APPLIES *7 Day

Data Package:
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

PEL-111 Rev 10/2021

Sarah Bell

From: Harry Sudwischer <harry.sudwischer@ecmsny.com>
Sent: Tuesday, August 22, 2023 4:23 PM
To: Sarah Bell; Shannon Wilhelm
Cc: Harry Sudwischer
Subject: Re: Holding time RE: add FW: GCO64569 - 43 LAFAYETTE AVE

Yes

Harry Sudwischer
Environmental Consulting and Management Services, Inc.
10 Filmont Drive, New City, New York 10956
C.(203) 241-1030

From: Sarah Bell <sarah@phoenixlabs.com>
Sent: Tuesday, August 22, 2023 4:17:01 PM
To: Shannon Wilhelm <shannon@phoenixlabs.com>
Cc: Harry Sudwischer <harrys@ecmsny.com>
Subject: Holding time RE: add FW: GCO64569 - 43 LAFAYETTE AVE

Harry
Do you want us to run past hold?

Sarah Bell
Project Manager
Phoenix Environmental Laboratories
587 East Middle Turnpike
Sarah@phoenixlabs.com
860-812-0270
Website: www.phoenixlabs.com

From: Shannon Wilhelm <shannon@phoenixlabs.com>
Sent: Tuesday, August 22, 2023 4:10 PM
To: Sarah Bell <sarah@phoenixlabs.com>
Subject: RE: add FW: GCO64569 - 43 LAFAYETTE AVE

These are past holding time. Still add?

Shannon Wilhelm
Client Services Representative
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester CT 06040
860-645-1102

From: Sarah Bell <sarah@phoenixlabs.com>
Sent: Tuesday, August 22, 2023 3:30 PM
To: Shannon Wilhelm <shannon@phoenixlabs.com>
Subject: add FW: GCO64569 - 43 LAFAYETTE AVE

Sarah Bell
Project Manager
Phoenix Environmental Laboratories
587 East Middle Turnpike
Sarah@phoenixlabs.com
860-812-0270
Website: www.phoenixlabs.com

From: harry.sudwischer@ecmsny.com <harry.sudwischer@ecmsny.com>
Sent: Tuesday, August 22, 2023 3:15 PM
To: Sarah Bell <sarah@phoenixlabs.com>
Cc: Bobbi Aloisa <bobbi@phoenixlabs.com>; Jason Aurrichio <Jason@phoenixlabs.com>
Subject: RE: GCO64569 - 43 LAFAYETTE AVE

I copied and pasted from the table and deleted the middle sample ID. But you know what… on second thought

Please run TCLP for only Tetrachloroethene and cis-1,2-Dichloroethene
On following samples:

CO64574 CO64575 CO64576 CO64577 CO64570

Regards,
Harry

Harry Sudwischer
Cell: (203) 241-1030
Office: (860) 915-1116
Email: harrys@ecmsny.com

Environmental Consulting & Management Services, Inc.
10 Filmont Drive, New City, New York 10956

www.ECMSny.com

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From: harry.sudwischer@ecmsny.com <harry.sudwischer@ecmsny.com>
Sent: Tuesday, August 22, 2023 2:48 PM
To: 'Sarah Bell' <sarah@phoenixlabs.com>
Cc: 'Bobbi Aloisa' <bobbi@phoenixlabs.com>; 'Jason Aurrichio' <Jason@phoenixlabs.com>
Subject: GCO64569 - 43 LAFAYETTE AVE

Can you run TCLP on the samples below?

CO64574 CO64576

Regards,
Harry

Harry Sudwischer
Cell: (203) 241-1030

Office: (860) 915-1116
Email: harrys@ecmsny.com

Environmental Consulting & Management Services, Inc.
10 Filmont Drive, New City, New York 10956

www.ECMSny.com

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Appendix F
Draft ECMS Remedial Action Work Plan



Appendix G
ECMS Water Sampling Logs



WELL GAUGING/SAMPLING DATA SHEET

Site ID: C344085
Project Location: 43 Lafayette Ave, Suffern
Project#: 24,324
Date of Field Event: 7/24/23
Weather Conditions:

ECMS PM: HS
Personnel On-site: HS
Equipment Used: PID, Probe/whale pump
Materials Used: ~~Sorbent~~ Tubing, gloves, calibration

Casing Diameter	Gallons per ft
1"	0.041
1.5"	0.092
2"	0.163
4"	0.653
6"	1.469

WELL ID	TIME	DTP (ft.)	DTW (ft.)	Total Depth (ft.)	Well Diameter (in.)	Well/Case Volume (g.)	Purged Volume (g.)	Analysis(es) Requested	Well Condition	Comments
MW-1	1330	-	26.78	34.36	2		15gal	8260	Good	PID ~~ppm~~ 10 ppm
MW-2	1300	-	25.55	34.05	2		30gal	8260	Good	PID 13.1 ppm
MW-3	1400	-	27.75	33.23	1		2gal	8260	Good	PID 60.3 ppm
Sump	1445	-	-	-	N/A		grab	8260	N/A	PID >5000 ppm

General Field Comments