August 30, 2022

Mr. Garth Beall
McNamee Hosea Attorneys & Advisors
6411 Ivy Lane
Suite 200
Greenbelt, Maryland 20770

ECS Project No. 95:1046

Reference: *Environmental Subsurface Evaluation*
DARCARS Lexus of Mount Kisco
275 Kisco Avenue and 19 Kensico Drive
Mount Kisco, Westchester County, New York

Dear Mr. Beall:

ECS New York Engineers (ECS) is pleased to present you with the results of our Environmental Subsurface Evaluation completed for the above-referenced properties. The services were performed in accordance with ECS Proposal No. 95:1099-EP, authorized on July 18, 2022.

1.0 PROJECT BACKGROUND

The subsurface evaluation focused on two properties:

- **275 Kisco Avenue (275 Kisco)**: This property is identified by Westchester County as Tax ID 555601 69.49.3-1 and owned by 275 Kisco Ave., LLC. This 6.2-acre property is occupied by Lexus of Mt. Kisco, an automobile dealership and service garage, developed with a two-story, 60,000 square-foot building that was constructed in 2008. ECS Mid-Atlantic, LLC completed a Phase I Environmental Site Assessment (ESA) of the subject property in 2020, as documented in a February 28, 2020 report. No recognized environmental conditions (RECs) were identified in the Phase I ESA.

- **19 Kensico Drive (19 Kensico):** This property is identified by Westchester County as Tax ID 555601 69.50.1-5 and owned by 19 Kensico Drive LLC. The approximately 0.24-acre property is occupied by a 20,000 square-foot warehouse building that was constructed around 1940. ECS Mid-Atlantic, LLC completed a Phase I Environmental Site Assessment (ESA) of the subject property in 2021, as documented in a March 21, 2021 report. No recognized environmental conditions (RECs) were identified in the Phase I ESA.

An aerial photograph showing the subject properties is provided as **Figure 1**.

An area-wide groundwater investigation was initiated by the New York State Department of Environmental Conservation (NYSDEC) based on the findings of investigation at 41 Kensico Drive, located directly northeast of 275 Kisco, and north of 19 Kensico. This investigation found chlorinated volatile organic compounds (CVOCs), primarily trichloroethene (TCE), in overburden groundwater with concentrations increasing toward the southern, upgradient, property boundary. The maximum concentration of TCE detected in 2018 sampling was 15,800 micrograms per liter (ug/L), the NYSDEC groundwater standard for TCE is 5 ug/L, as later described in the November

1, 2019 “Remedial Investigation Report for Former Design for Leisure, NYSDEC BCP Site No. C360163, 41 Kensico Drive, Mount Kisco, NY” by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology D.P.C. (Langan). This report is available on the New York State Department of Environmental Conservation (NYSDEC) website (https://www.dec.ny.gov/data/DecDocs/C360163/). The 2019 Langan report attributed the CVOCs to upgradient, off-site sources to the southwest.

The NYSDEC listed a 15.3-acre area, including a portion of 275 Kisco and 19 Kensico, as a P-Site, No. 360203, for the potential plume of CVOCs, and began an investigation. Class P sites are have the potential to contain contamination at concentrations that pose a threat to human health or the environment and warrant listing under the New York superfund program, but where insufficient information is available to make that determination. In 2022, the NYSDEC undertook initial sampling at 275 Kensico and surrounding properties to evaluate potential sources of the CVOCs in groundwater. Permanent groundwater wells were installed at 275 Kensico. At the time of this report’s submittal, the NYSDEC sample data is not yet available. The two subject properties are within the potential TCE plume, as tentatively mapped by the NYSDEC.

2.0 OBJECTIVE

ECS was requested to conduct an Environmental Subsurface Evaluation at 275 Kisco and 19 Kensico to evaluate the CVOC plume across the two subject properties, to evaluate if there are potential sources of TCE or other CVOCs on these properties. A map showing the sample locations is provided as **Figure 2**.

3.0 SCOPE OF SERVICES

The Environmental Subsurface Evaluation consisted of a geophysical exploration, the advancement of probes across the subject properties, and collection and laboratory analysis of soil and groundwater samples from the probes. Additionally, ambient (outside) air, indoor air, and sub-slab air samples were also collected to evaluate the vapor intrusion pathway and potential air quality issues within the buildings on the properties.

3.1 Geophysical Exploration

A geophysical exploration was performed by GPRS, under the observation of ECS, across the subject properties on July 19, 2022 to clear the proposed probe locations with respect to underground utilities and/or anomalous features. GPR produces cross sectional images of subsurface features and layers by continuously emitting pulses of radar frequency energy from a scanning antenna as it is towed along a survey profile. The radar pulses are reflected by interfaces between materials with differing dielectric properties. The reflections return to the antenna and are displayed on a video monitor as a continuous cross section in real time. Because the electrical properties of concrete structures, metallic drums, tanks, transformers, pipes, and certain wastes are distinctly different from soil and backfill materials, metallic objects produce dramatic and characteristic reflections or anomalous signatures. Fiberglass, plastic, concrete, and terra-cotta materials as well as subsurface voids, rock surfaces, soil type changes and concentrations of many types of non-metallic wastes also produce recognizable, but less dramatic anomalies.

Several underground utilities were identified throughout the properties. Soil probe locations were selected in order to avoid subsurface utilities. No other anomalous features were identified by the GPR in the areas of the soil probes. A copy of the GPRS Report can be found in **Attachment 1**.

3.2 Soil Sampling

Dig NY was contacted to conduct a public utility clearance prior to Environmental Subsurface Evaluation activities. The soil probes were advanced on July 20th, 2022 by Benner GeoServices, Inc. via truck-mounted Geoprobe® equipment utilizing hydraulically driven direct-push components. The drilling was conducted after the probes were cleared by the GPR exploration and under the observation of an ECS scientist. Each probe was proposed to be advanced to at least 5 feet (ft) into the groundwater table or equipment refusal, whichever was encountered first.

A total of ten probes were advanced to depths ranging from 5 ft to 15 ft below ground surface (bgs). Probes at 275 Kisco were identified as “275-SB-” followed by the boring number. Probes at 19 Kensico were identified as “19-SB-” followed by the boring number. The location of each soil probe is depicted on **Figure 2** and described below:

- 275 Kisco:
    - Soil probes 275-SB-01 and 275-SB-02 were advanced on the east side of the 275 Kisco building, along the presumed downgradient property boundary;
    - Soil probes 275-SB-03 and 275-SB-04 were advanced on the north side of the 275 Kisco building, closest to the groundwater impacts identified at 41 Kensico Drive;
    - Soil probe 275-SB-05 was advanced in the area near the center of the 275 Kisco property;
    - Soil probe 275-SB-06 was advanced in the western area of the 275 Kisco property, along the presumed upgradient property boundary;
    - Soil probe 275-SB-07 was advanced in the area on the south side of the 275 Kisco building;
    - Soil probe 275-SB-08 was advanced in the southern area of the 275 Kisco property; and,
- 275 Kisco:
    - Soil probes 19-SB-01 and 19-SB-02 were advanced in the area north of the 19 Kensico building.

After the soil core was recovered from the specific sampling interval, the soil core liner was opened to permit visual classification of the subsoils and volatile organic compound (VOC) readings next to the soil cores were conducted with a portable handheld photoionization detector (PID). Discrete soil samples were screened in 1-foot intervals throughout the depth of each probe with a PID, which measured total VOCs emanating from the sample. PID readings and descriptions of the soil encountered were recorded in the attached probe logs (**Attachment 2**).

All field sampling procedures included proper decontamination prior to drilling activities and between probes to prevent downhole and cross contamination. One soil sample from each boring was selected based on PID readings and other observations (visual and olfactory) in each soil probe. The depth of each soil sample was dependent on these observations but ranged from 2 ft bgs to 12 ft bgs.

The collected soil samples were placed in laboratory-provided, clean containers with Teflon-lined lids, labeled, packed for shipping, placed in a cooler with ice, and delivered on the day of collection to Alpha Analytical, Inc (Alpha) of Westborough, Massachusetts, NYSDEC certified laboratory (11148). Soil samples collected from the subject properties were analyzed by the laboratory for Target Compound List Volatile Organic Compounds (TCL VOCs). All appropriate chain-of-custody procedures were utilized to track the samples from collection to final disposition. A copy of the chain-of custody is included in the laboratory report provided as **Attachment 3**.

After soil sampling, temporary wells were installed in all borings except 275-SB-05. Boring 275-SB-05 was backfilled with soil cuttings and bentonite clay. Asphalt patching was used to restore the asphalt surface. Soil cuttings from the other borings were stored in buckets and later used as backfill during temporary well installation.

3.3 Groundwater Sampling

Temporary 1-inch diameter PVC temporary monitoring wells were installed at nine of the probe locations to allow for groundwater sampling and were identified with the same boring number but as "TW" for temporary well rather than "SB" for soil sampling: 275-TW-01, 275-TW-02, 275-TW-03, 275-TW-04, 275-TW-06, 275-TW-07, 275-TW-08, 19-TW-01, and 19-TW-02. Sufficient groundwater for sampling was ultimately not encountered in 275-TW-03 (275-SB-03), screened from 3 to 8 feet bgs with refusal on apparent bedrock at 8 feet bgs. Additionally, a monitoring well was not installed in 275-SB-05 due to refusal on apparent shallow bedrock at 5 feet bgs with no indication of groundwater. The monitoring wells were screened so that the top of groundwater fell within the screened zone, at depths ranging from 3 to 15 feet below ground surface as shown on **Table 1**. Each monitoring well was purged of three to five volumes of water using a peristatic pump with new tubing and a sample was collected using a new, disposable bailer. All groundwater purged and sampled from each temporary PVC well was filtered through a granular activated carbon (GAC) system and discharged on-site. Nonaqueous Phase Liquids (NAPL) which are indicative of obvious groundwater contamination were not observed in the temporary monitoring wells.

The collected groundwater samples were placed in laboratory-provided, clean containers with Teflon-lined lids, labeled, packed for shipping, placed in a cooler with ice, and delivered on the day of collection to Alpha of Westborough, Massachusetts. Groundwater samples collected were analyzed by the laboratory for TCL VOCs. All appropriate chain-of-custody procedures were utilized to track the samples from collection to final disposition. A copy of the chain-of custody is included in the laboratory report provided as **Attachment 3**.

The top of casing elevations for each temporary monitoring well were surveyed and tied into a control point on the properties, as well as using estimations from Google Earth elevation data. Water level depths were obtained using an electronic water level interface probe and subsequently converted to groundwater elevations to determine the direction of groundwater flow.

After sampling, the temporary monitoring wells were removed from the probe locations and discarded as municipal waste. Stored soil cuttings from the soil borings and bentonite clay were

used to backfill the probe. Asphalt patching was used to restore the surface where probes were located on asphalt.

3.4 Vapor Intrusion Assessment

On July 20, 2022, ECS collected three indoor air samples and one outdoor (ambient) air sample at the 275 Kisco building and two indoor air samples at the 19 Kensico building. Six 6-liter Summa Canisters equipped with 8-hour flow controllers were strategically placed in representative locations inside the buildings at breathing zone height (3 to 5 feet below the floor slab). Approximately 8 hours after opening the Summa Canisters, ECS closed the canisters and retrieved the samples. Indoor air sampling logs with sampling information and information on background indoor VOC sources are provided in **Attachment 3**.

Additionally, three sub-slab soil vapor collection locations were proposed within the 275 Kisco building and two sub-slab soil vapor collection locations were proposed within the 19 Kensico building. Each of those samples were selected in such a manner as to enable an evaluation for the presence of onsite vapor migration associated with the identified environmental concerns. On July 20th, 2022, ECS collected three sub-slab soil vapor samples at 275 Kisco, and on July 22nd, 2022, ECS collected one sub-slab soil vapor samples at 19 Kensico. Due to slab thickness, the second sample was unable to be retrieved at the 19 Kensico building. In order to collect the sub-slab soil vapor sample, ECS drilled an approximately 5/8-inch diameter hole through the concrete floor slab. A stainless steel Vapor Pint with a silicon seal was implanted through the slab, and an appropriate length of clean tubing was attached to the vapor pin, through which the vapor sample was collected at the surface. Prior to sampling, the probe and tubing were leak tested using helium in a shroud placed around the probe as it was purged of three to five volumes of the probe and tubing at a rate not exceeding 200 milliliters per minute. The purged gas was analyzed for helium using a field meter, the leak test passed if the helium concentration of the soil gas was less than ten percent of the helium in the shroud. After the probe was purged and the leak test passed, a 1.4-liter Summa canister equipped with a 200 ml/min flow controller was used to collect the sample.

The air and vapor samples were submitted to Alpha of Mansfield, Massachusetts (NYSDEC certified laboratory 11627) for analysis of VOCs via EPA Method TO-15. All appropriate chain-of-custody procedures were utilized to track the samples from collection to final disposition.

4.0 EVALUATION RESULTS

4.1 Hydrogeological Conditions Encountered

The geological materials encountered included a fill material consisting of clay, crushed rock, and stone debris throughout the subject properties in four of the eight borings on the 275 Kisco property (275-SB-01, 275-SB-03, 275-SB-05, 275-SB-08) and both borings at the 19 Kensico property (19-SB-01, and 19-SB-02) ranging in depth from 0.5 ft bgs down to 5.5 ft bgs. Underlying native soils appeared to largely consist of a brown silty sand. Equipment refusal generally associated with intercepting bedrock was encountered in three of the probes from the 275

Kensico property (275-SB-03, 275-SB-05, and 275-SB-06) ranging in depth from 5 ft bgs down to 15 ft bgs.

No PID readings above background concentrations (0.0 parts per million (ppm)) or other indications of impact (i.e., staining or odors) were observed in the soil cores, with the exception of 275-SB-01. Elevated PID readings were measured from approximately 2 ft bgs to 12 ft bgs in SB-275-01, with a maximum reading of 501.5 ppm at approximately 2 ft bgs within fill material.

Groundwater was encountered in eight of the temporary monitoring wells from approximately 4.5 to 12 ft bgs. The temporary well installed at boring 275-SB-03 was dry. **Table 1** summarizes the groundwater depths and relative elevations measured in the monitoring wells prior to sampling. Based on the eight temporary wells, a shallow groundwater contour map was developed (**Figure 6**) including groundwater elevations from a 15 Kensico Drive, located east across Kensico Drive from 275 Kisco and directly south of 19 Kensico, measured the same day. The contour map shows shallow groundwater flow generally follows with topography, and slopes away from the 275 Kisco building to the northeast, east and southeast. No non-aqueous phase liquid was encountered in the shallow temporary wells, the groundwater in the temporary wells was very turbid.

4.2 Soil Analytical Results

The results of the analytical testing for the soil samples are summarized on **Table 2**. A copy of the laboratory analytical report is included in **Attachment 3.** Soil sample results were compared to the NYSDEC Commercial Soil Cleanup Objectives (SCOs) as well as the NYSDEC Protection of Groundwater SCOs:

- 275 Kisco
    - Only one VOC, acetone, was found slightly above the Protection of Groundwater SCO in sample 275-SB-08 collected from 6.5 to 7 feet bgs. No VOCs were detected above the Commercial SCOs. Acetone is a common laboratory solvent and its presence in the soil sample may be from laboratory contamination.

- 19 Kensico
    - No VOCs were detected above the NYSDEC Commercial Soil Cleanup or Protection of Groundwater SCOs.

4.3 Groundwater Analytical Results

The results of the analytical testing for the groundwater samples are summarized on **Table 3**. A copy of the laboratory analytical report is included in **Attachment 3.**

Groundwater sample results were compared to the NYSDEC Groundwater Ambient Water Quality Standards (AWQS) for Class GA water. The exceedances of the AWQS included:

- 275 Kisco
    - TCE was detected well above its AWQS of 5 ug/L at 9,500 ug/L in the sample from 275-TW-04 on the property's northeastern corner. No other VOCs exceeded the AWQS.
- 19 Kensico
    - TCE and its degradation products, cis-1,2-dichloroethene and vinyl chloride, were detected above the AWQS in the sample from 19-TW-02 at the property's northwestern corner. No other VOCs exceeded the AWQS.

4.4 Vapor Intrusion Analytical Results

4.4.1 275 Kisco Ave

The results of the analytical testing for the indoor air vapor samples are summarized on **Table 4**. A copy of the laboratory analytical report is included in **Attachment 3.** Results for indoor samples 275-IAQ-01, 275-IAQ-02, 275-IAQ-03, and 275-AA-01 were compared to the Occupational and Heath Administration's (OSHA's) Permissible Exposure Limits, the American Conference of Governmental Industrial Hygienists' (ACGIH) Threshold Level Values (TLVs), and the New York State Department of Health (NYSDOH) Decision Matrices Indoor Air Minimum Criteria for vapor intrusion evaluation. The results for the sub-slab soil vapor samples 275-SSVP-01, 275-SSVP-02, and 275-SSVP-03 were compared to the NYSDOH Decision Matrices for Sub-Slab Soil Vapor Minimum Criteria.

Several background indoor air sources were present in the building relating to the automobile maintenance and repair operations.

None of the indoor air results exceeded OSHA PELs or ACGIH TLV, which are used to evaluate indoor air quality for occupational exposure.

Several detections of VOCs were identified above the minimum thresholds described in the NYSDOH Decision Matrices for indoor air and/or soil vapor:

- Carbon tetrachloride was detected above the minimum decision matrix criteria in all three indoor air samples but was not detected in soil gas. The NYSDOH Matrix recommendation is no further action given the relatively low concentration in indoor air and the lack of detection in soil gas. Carbon tetrachloride was also detected at a similar concentration in the ambient air sample, which indicates the carbon tetrachloride in indoor air is from the outdoor background.

- Tetrachloroethene exceeded the minimum decision matrix criteria in all three indoor air samples and was also detected above the minimum decision criteria in one soil gas sample. The NYSDOH Matrix recommendation is to mitigate.

- Cis-1,2-Dichloroethene was detected in soil gas, and exceeded the minimum decision matrix criteria in soil gas in one sample. Cis-1,2-dichloroethene was not detected in the three indoor air samples, but based on the soil gas concentrations the NYSDOH Matrix recommendation is to mitigate.

- Trichloroethene was detected in all three soil gas samples at concentrations from 14.9 to 2,210 micrograms per meters cubed (µg/m^3), above the minimum matrix criteria of 6 µg/m^3. Trichloroethene was not detected in the three indoor air samples, but based on the soil gas concentrations the NYSDOH Matrix recommendation is to mitigate.

4.4.2 19 Kensico Ave

Results for indoor samples 19-IAQ-01 and 19-IAQ-02 were compared to the Occupational and Heath Administration's (OSHA's) Permissible Exposure Limits, the American Conference of Governmental Industrial Hygienists' (ACGIH) Threshold Level Values (TLVs), and the New York State Department of Health (NYSDOH) Decision Matrices Indoor Air Minimum Criteria for vapor intrusion evaluation. The results for the sub-slab soil vapor sample 19-SSVP-01 was compared to the NYSDOH Decision Matrices for Sub-Slab Soil Vapor Minimum Criteria.

None of the indoor air results exceeded OSHA PELs or ACGIH TLV, which are used to evaluate indoor air quality for occupational exposure.

Several detections of VOCs were identified above the minimum thresholds described in the NYSDOH Decision Matrices for indoor air and/or soil vapor:

- Carbon tetrachloride exceeded the minimum decision matrix criteria in one indoor air sample. Carbon tetrachloride was not detected in soil gas, but the detection limit was elevated due to the required dilution due to high concentrations of other compounds. The NYSDOH Matrix recommendation is to monitor due to the elevated soil vapor detection limit, but since this is attributed to outdoor background further monitoring is likely not necessary.

- cis-1,2-dichloroethene was detected above the minimum decision matrix criteria in soil gas. Cis-1,2-dichloroethene was not detected above the minimum decision matrix criteria in the two indoor air samples, but based on the soil gas results The NYSDOH Matrix recommendation is to mitigate.

- Trichloroethene was detected in both of the indoor air samples above the minimum decision matrix criteria. The soil gas concentration was well above the decision matrix criteria at 7,790 µg/m^3. The NYSDOH Matrix recommendation is to mitigate.

5.0 CONCLUSIONS

A Subsurface Evaluation was completed at the subject properties which included soil sampling, temporary monitoring well sampling, indoor and sub-slab soil vapor sampling. The findings of the evaluation include:

- The geological materials encountered included a fill material consisting of clay, crushed rock, and stone debris ranging in depth from 0.5 ft bgs down to 5.5 ft bgs. Underlying native soils appeared to largely consist of a brown silty sand.

- Groundwater was encountered in the nine temporary monitoring wells from approximately 4.5 to 12 ft bgs. Based on the nine temporary wells, the shallow groundwater flow is primarily toward the east with flow to the northeast in the northern portion of the 275 Kisco and to the southeast at the southern portion of 275 Kisco and 19 Kensico.

- In the ten soil samples, exceedances of the NYSDEC Protection of Groundwater and/or Commercial SCOs were only detected in samples 275-SB-08, on the southern portion of the 275 Kisco property. Acetone was found slightly above the Protection of Groundwater SCO.

- Nine groundwater samples were collected from temporary monitoring wells. The exceedances of the AWQS included:
    - Two VOCs were detected above their AWQS: TCE in the sample from 275-TW-04 in the 275 Kisco property's northeast corner, and TCE and its degradation products, cis-1,2-dichloroethene and vinyl chloride, in the sample from 19-TW-02 at the 19 Kensico properties northwestern corner. No other VOCs exceeded AWQS.

- Three indoor air samples were collected, each with a paired sub-slab soil vapor sample, at the 275 Kisco building as well as an ambient air sample. None of the indoor air results exceeded OSHA PELs or ACGIH TLV, which are used to evaluate indoor air quality for occupational exposure. Several detections of VOCs were identified above the minimum thresholds described in NYSDOH Decision Matrices for indoor air and/or soil vapor:
    - Carbon tetrachloride was detected above the minimum decision matrix criteria in all three indoor air samples but was not detected in soil gas. The NYSDOH Matrix recommendation is no further action given the relatively low concentration in indoor air and the lack of detection in soil gas. Carbon tetrachloride was also detected at a similar concentration in the ambient air sample, which indicates the carbon tetrachloride in indoor air is from the outdoor background.
    - Tetrachloroethene exceeded the minimum decision matrix criteria in all three indoor air samples and was also detected above the minimum decision matrix criteria in one soil gas sample. The NYSDOH Matrix recommendation is to mitigate.
    - Cis-1,2-Dichloroethene was detected in soil gas, and exceeded the minimum decision matrix criteria in soil gas in one sample. Cis-1,2-dichloroethene was not detected in the three indoor air samples,but based on the soil gas concentration the NYSDOH Matrix recommendation is to mitigate.
    - Trichloroethene was detected in all three soil gas samples at concentrations from 14.9 to 2,210 micrograms per meters cubed (µg/m^3), above the minimum matrix criteria of 6 µg/m3. Trichloroethene was not detected in the three indoor air samples,but based on the soil gas concentration the NYSDOH Matrix recommendation is to mitigate.

- Two indoor air samples were collected, along with one sub-slab soil vapor sample, at the 19 Kensico building. None of the indoor air results exceeded OSHA PELs or ACGIH TLV, which are used to evaluate indoor air quality for occupational exposure. Several detections

of VOCs were identified above the minimum thresholds described in the NYSDOH Decision Matrices for indoor air and/or soil vapor:

- Carbon tetrachloride exceeded the minimum decision matrix criteria in one indoor air sample. Carbon tetrachloride was not detected in soil gas, but the detection limit was elevated due dilution required by the high concentrations of other compounds. The NYSDOH Matrix recommendation is to monitor due to the elevated soil vapor detection limit, but since this is attributed to outdoor background further monitoring is likely not necessary.
- Cis-1,2-dichloroethene was detected above the minimum decision matrix criteria in soil gas. Cis-1,2-dichloroethene was not detected above the minimum decision matrix criteria in the two indoor air samples, but based on the soil gas results The NYSDOH Matrix recommendation is mitigate.
- Trichloroethene was detected in both of the indoor air samples above the minimum decision matrix criteria. The soil gas concentration was well above the decision matric criteria at 7,790 µg/m^3. The NYSDOH Matrix recommendation is to mitigate.

Based on these results, the TCE has effected shallow groundwater on the northeastern portion of the 275 Kisco property and northern side of the 19 Kensico property and soil gas beneath both buildings. TCE is the main component of the CVOC plume attributed to off-site sources at the 41 Kensico property. While sources within the subject properties cannot be ruled out at this time, no source(s) of the CVOC impacts to groundwater were identified in the soil samples collected at either 275 Kisco Avenue or 19 Kensico Drive.

Additional delineation of the TCE exceedance in groundwater in the northeastern corner of the 275 Kisco property, where concentrations were highest, is recommended with additional soil sampling to further investigate for potential sources. Sub-slab soil gas and indoor air at both 275 Kisco and 19 Kensico had detections of TCE above the minimum NYSDOH Decision Matrix Criteria and the NYSDOH Matrix recommendation is to mitigate for vapor intrusion of TCE.

6.0 QUALIFICATIONS

The conclusions presented within this report are based upon a reasonable level of investigation within normal bounds and standards of professional practice for a property in this particular geographic and geologic setting, and the areas of the subject properties accessible for drilling.

The findings of this study are not intended to serve as an audit of health and safety or compliance issues pertaining to improvements or occupant activities on-site. All observations, conclusions, and recommendations pertaining to environmental conditions at the subject properties are limited to conditions observed, depths sampled, and/or materials reviewed at the time this study was undertaken. No other warranty, expressed or implied, is made with regard to the conclusions and recommendations presented within this report. ECS has not completed or used any form of predetermined language to report the conclusions of this work and it is our understanding that we will not be required to do so. Compensation for this investigation is not contingent upon results, and ECS has conducted this environmental soil sampling objectively without reference to any particular outcome desired by the client.

This letter is provided for the exclusive use of McNamee Hosea Attorneys & Advisors and its clients 275 Kisco Ave., LLC and 19 Kensico Drive LLC, their member entities, and lender. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties. The use of this letter by any undesignated third party or parties would be at such party's sole risk and ECS disclaims liability for any such third party use or reliance.

7.0 CLOSING

We appreciate the opportunity to be of service to McNamee Hosea Attorneys & Advisors and you on this project and we trust that the information provided in this letter report is sufficient for your needs at this time. If you have any questions regarding this letter or need further information concerning this project, please contact Kay Linnell at 717-377-8466.

Respectfully submitted,

ECS New York Engineers

Salvatore V. Fiorentino, PE, LEED AP
Principal Engineer
sfiorentino@ecslimited.com

CC: Kay Linnell, ECS
Ryan Croyle, ECS

Attachments: Figures

Figure 1	Property Location Map
Figure 2	Sample Locations
Figure 3	Soil Results Map
Figure 4	Groundwater Results Map
Figure 5	Indoor Air and Sub-Slab Soil Vapor Results Map
Figure 6	Groundwater Contour Map

Tables

Table 1	Groundwater Elevation Data Summary
Table 2	Summary of Soil Analytical Results
Table 3	Summary of Groundwater Analytical Results
Table 4	Summary of Indoor and Sub-Slab Soil Vapor Results

Attachment 1 - GPR Summary
Attachment 2 - Soil Probe Logs
Attachment 3 - Laboratory Analytical Report
Attachment 4 - NYSDOH Indoor Air Quality Questionnaire

FIGURES

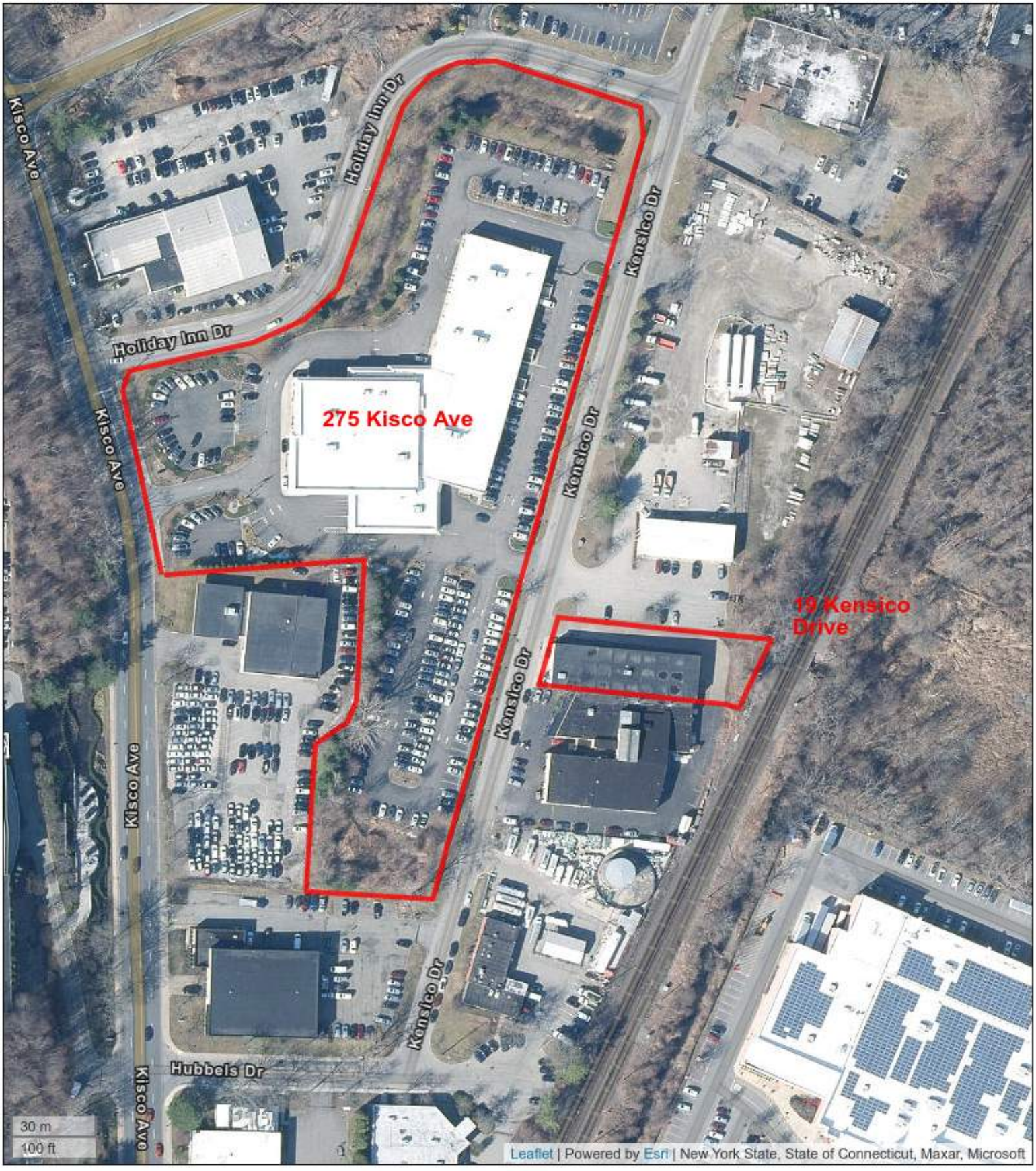


Figure 1 — Site Location Map

Lexus of Mt. Kisco
275 Kisco Avenue
Mount Kisco, New York 10549

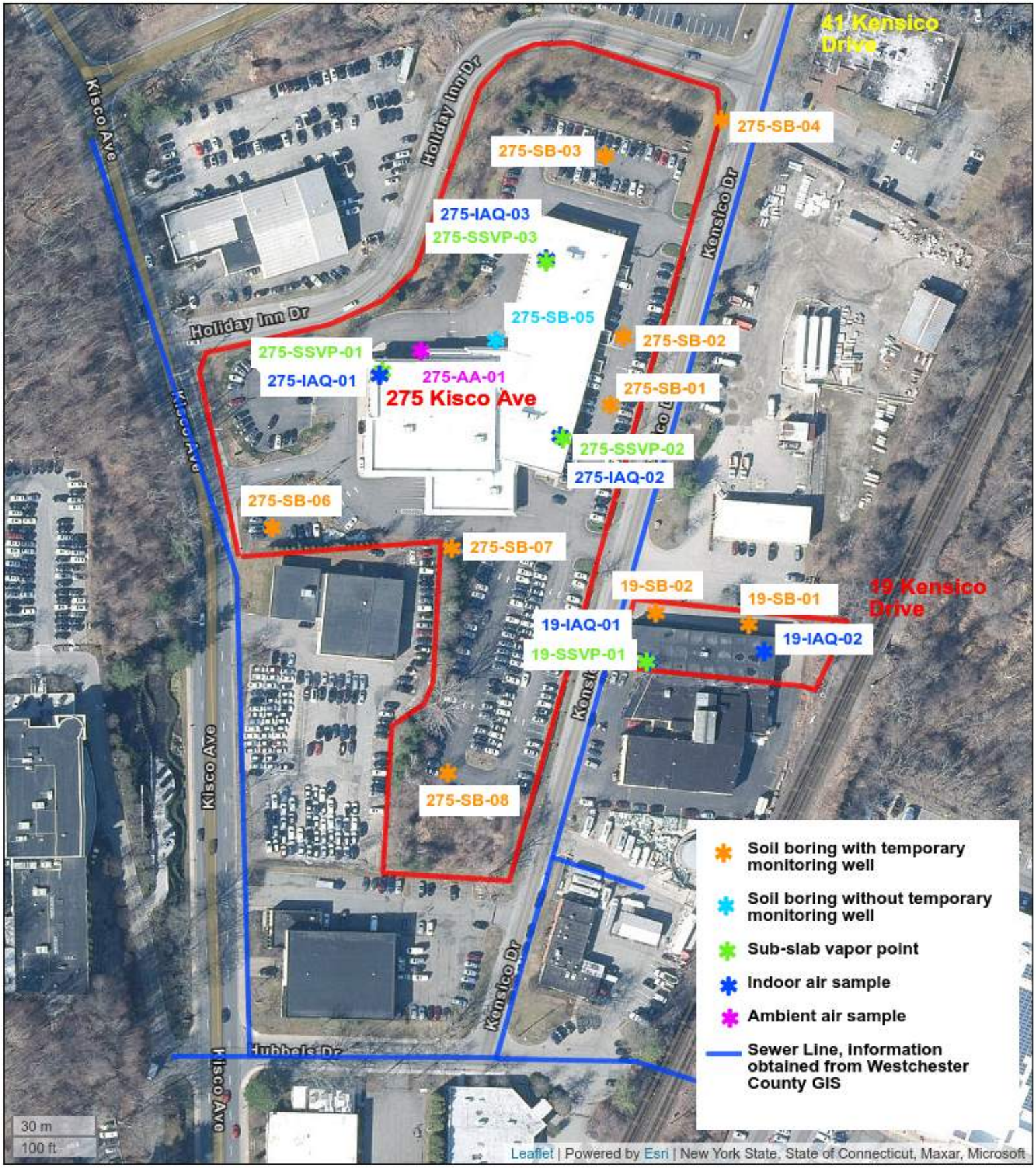


Figure 2 — Sample Location Map

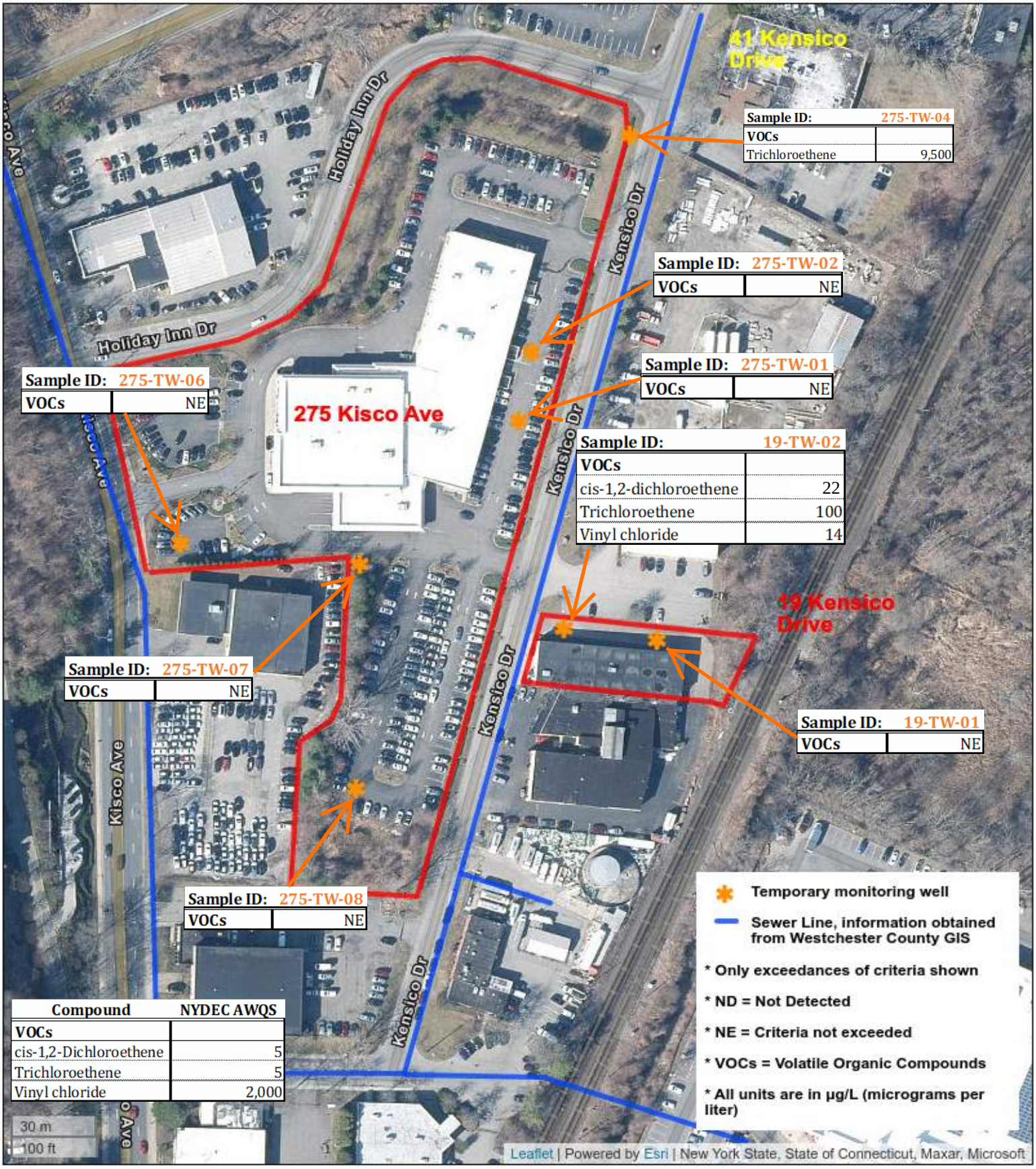
Lexus of Mt. Kisco
275 Kisco Avenue
Mount Kisco, New York 10549

Compound	NYSDEC Commercial Soil Cleanup Objectives	NYSDEC Protection of Groundwater Soil Cleanup Objectives
VOCs		
Acetone	500	0.05

Note: Results compared to New York State Department of Environmental Conservation Commercial and Protection of Groundwater Soil Cleanup Objectives. Only exceedances of these criteria are shown.

Figure 3 — Soil Results Map

Lexus of Mt. Kisco
275 Kisco Avenue
Mount Kisco, New York 10549

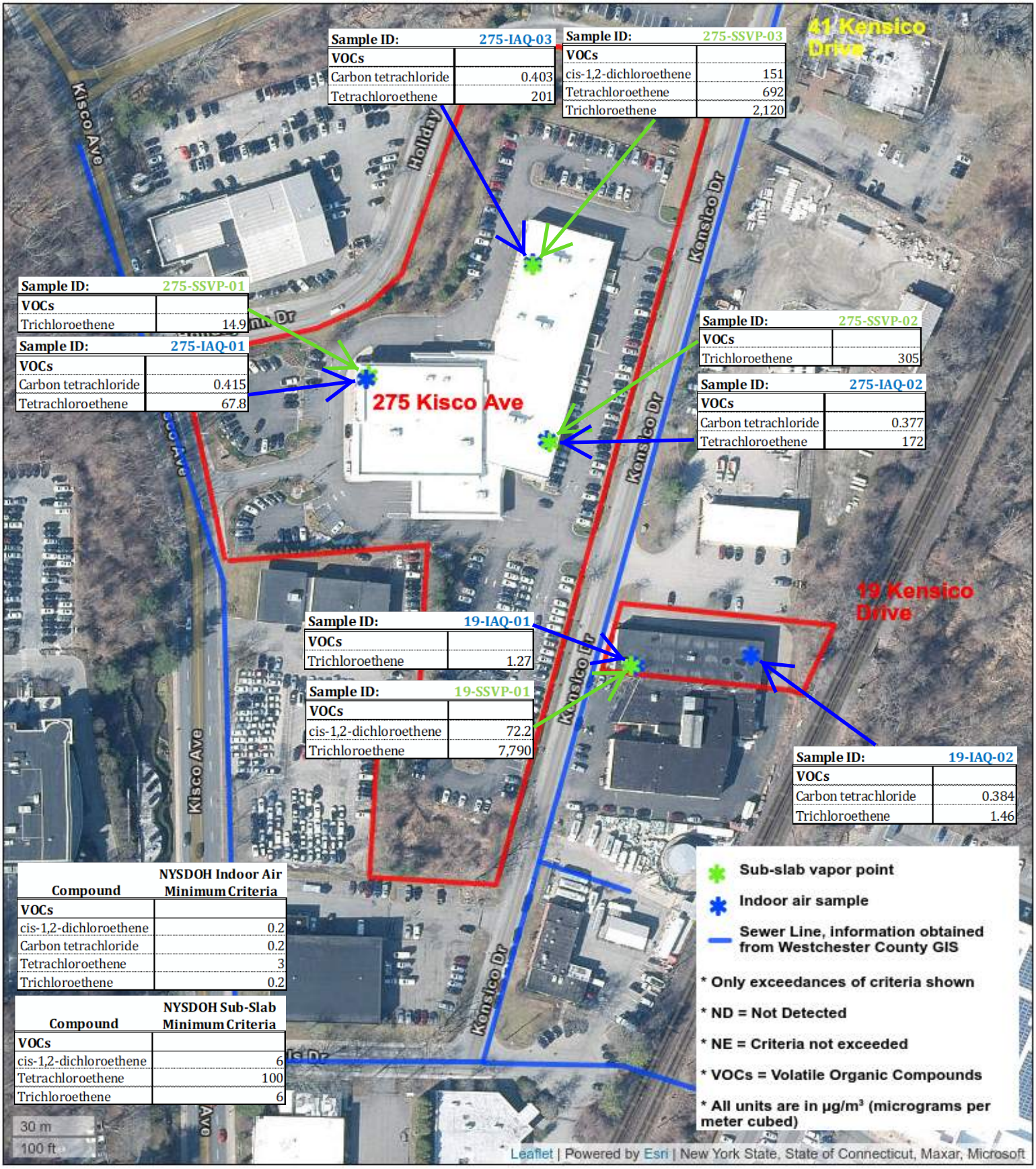


Compound	NYDEC AWQS
VOCs	
cis-1,2-Dichloroethene	5
Trichloroethene	5
Vinyl chloride	2,000

Note: Results compared to New York State Department of Environmental Conservation Ambient Water Quality Standards, Class GA. Only exceedances of these criteria are shown.

Figure 4 — Groundwater Results Map

Lexus of Mt. Kisco
275 Kisco Avenue
Mount Kisco, New York 10549



Note: Results compared to New York State Department of Health minimum criteria from the vapor intrusion Decision Matrices. Only exceedances of these criteria are shown.

Figure 5 — Air/Vapor Results Map

Lexus of Mt. Kisco
275 Kisco Avenue
Mount Kisco, New York 10549

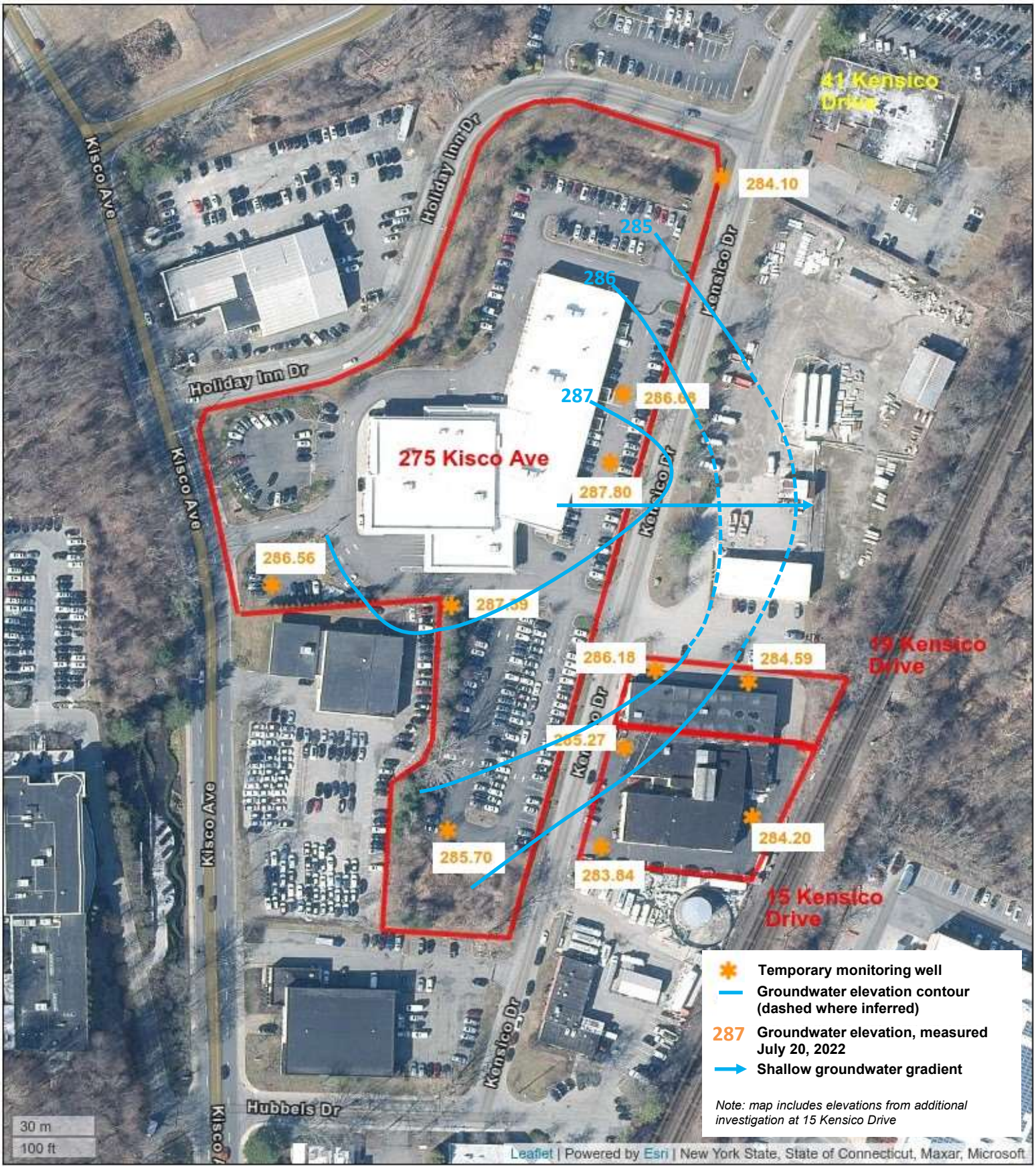


Figure 6 — Groundwater Contour Map

Lexus of Mt. Kisco
275 Kisco Avenue
Mount Kisco, New York 10549

TABLES

Table 1
Groundwater Elevation Data Summary
275 Kisco Avenue & 19 Kensico Drive
Mount Kisco, NY

WELL No.	Approximate Top of Casing Elevation (feet)	Top of Screen Elevation (feet)	Bottom of Screen Elevation (feet)	Depth to SPL	Depth to Water (feet below top of casing)	SPL Thickness (Ft.)	Ground Water Elevation (feet above MSL)
275-TW-01*							
	295.50	290.50	284.70	ND	7.70	ND	287.80
275-TW-02							
	295.30	285.30	278.63	ND	8.62	ND	286.68
275-TW-04**							
	288.50	278.50	273.28	ND	4.40	ND	284.10
275-TW-06							
	298.58	288.58	282.67	ND	12.02	ND	286.56
275-TW-07							
	295.38	285.38	281.95	ND	7.99	ND	287.39
275-TW-08							
	290.57	285.57	280.13	ND	4.87	ND	285.70
19-TW-01							
	289.50	284.50	281.39	ND	4.91	ND	284.59
19-TW-02							
	291.63	286.63	279.33	ND	5.45	ND	286.18
15-TW-01***							
	289.50	279.50	276.15	ND	4.23	ND	285.27
15-TW-02							
	287.80	277.80	276.29	ND	3.96	ND	283.84
15-TW-03							
	289.96	284.96	280.00	ND	5.76	ND	284.20

Note: Elevations for all temporary monitoring wells were surveyed by ECS on March 20 and March 21, 2022.

** 275-TW-04 elevation estimated from Google Earth, could not be surveyed with other wells due to line of sight issues

* 275-TW-01 elevation estimated from Google Earth, used as a relative benchmark for the survey of well 275-TW-02, 275-TW-06, 275-TW-06, 275-TW-07, 275-TW-08, 19-TW-01 and 19-TW-02.

*** 15-TW-01 elevation estimated from Google Earth, used as a relative benchmark for the survey of well 15-TW-02 and 15-TW-03

ND = Not Detected SPL = Separate Phase Liquid

Table 2
Summary of Soil Analytical Results
275 Kisco Avenue and 19 Kensico Drive
Mount Kisco, NY

Compound	CAS Number	Units	NYSDEC Commercial Soil Cleanup Objectives	NYSDEC Protection of Groundwater Soil Cleanup Objectives	Units	Property:	275 Kisco Avenue									
						Location:	275-SB-01		275-SB-02		275-SB-03		275-SB-04		275-SB-05	
						Sample Date:	7/20/2022		7/20/2022		7/20/2022		7/20/2022		7/20/2022	
						Sample Depth (ft)	3 to 4		3 to 5		5 to 7		4 to 6		3 to 5	
							Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Volatile Organic Compounds																
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	NS	NS	mg/kg		ND	0.0006	ND	0.0005	ND	0.00049	ND	0.00052	ND	0.0007
1,1,1-Trichloroethane	71-55-6	mg/kg	500	0.68	mg/kg		ND	0.0006	ND	0.0005	ND	0.00049	ND	0.00052	ND	0.0007
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	NS	NS	mg/kg		ND	0.0006	ND	0.0005	ND	0.00049	ND	0.00052	ND	0.0007
1,1,2-Trichloroethane	79-00-5	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
1,1-Dichloroethane	75-34-3	mg/kg	240	0.27	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
1,1-Dichloroethene	75-35-4	mg/kg	500	0.33	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
1,1-Dichloropropene	563-58-6	mg/kg	NS	NS	mg/kg		ND	0.0006	ND	0.0005	ND	0.00049	ND	0.00052	ND	0.0007
1,2,3-Trichlorobenzene	87-61-6	mg/kg	NS	NS	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
1,2,3-Trichloropropane	96-18-4	mg/kg	NS	NS	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
1,2,4,5-Tetramethylbenzene	95-93-2	mg/kg	NS	NS	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
1,2,4-Trichlorobenzene	120-82-1	mg/kg	NS	NS	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
1,2,4-Trimethylbenzene	95-63-6	mg/kg	190	3.6	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	0.0014J	0.0028
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	NS	NS	mg/kg		ND	0.0034	ND	0.0032	ND	0.0029	ND	0.0031	ND	0.0041
1,2-Dibromoethane	106-93-4	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
1,2-Dichlorobenzene	95-50-1	mg/kg	500	1.1	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
1,2-Dichloroethane	107-06-2	mg/kg	30	0.02	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
1,2-Dichloroethene, Total	540-59-0	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
1,2-Dichloropropane	78-87-5	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
1,3,5-Trimethylbenzene	108-67-8	mg/kg	190	8.4	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	0.00074J	0.0028
1,3-Dichlorobenzene	541-73-1	mg/kg	280	2.4	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
1,3-Dichloropropane	142-28-9	mg/kg	NS	NS	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
1,3-Dichloropropene, Total	542-75-6	mg/kg	NS	NS	mg/kg		ND	0.0006	ND	0.0005	ND	0.00049	ND	0.00052	ND	0.0007
1,4-Dichlorobenzene	106-46-7	mg/kg	130	1.8	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
1,4-Dioxane	123-91-1	mg/kg	130	0.1	mg/kg		ND	0.09	ND	0.086	ND	0.078	ND	0.082	ND	0.11
2,2-Dichloropropane	594-20-7	mg/kg	NS	NS	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
2-Butanone	78-93-3	mg/kg	500	0.12	mg/kg		ND	0.011	ND	0.011	ND	0.0098	ND	0.01	ND	0.014
2-Hexanone	591-78-6	mg/kg	NS	NS	mg/kg		ND	0.011	ND	0.011	ND	0.0098	ND	0.01	ND	0.014
4-Methyl-2-pentanone	108-10-1	mg/kg	NS	NS	mg/kg		ND	0.011	ND	0.011	ND	0.0098	ND	0.01	ND	0.014
Acetone	67-64-1	mg/kg	500	0.05	mg/kg		ND	0.011	ND	0.011	ND	0.0098	0.0076J	0.01	0.022	0.014
Acrylonitrile	107-13-1	mg/kg	NS	NS	mg/kg		ND	0.0045	ND	0.0043	ND	0.0039	ND	0.0041	ND	0.0055
Benzene	71-43-2	mg/kg	44	0.06	mg/kg		ND	0.0006	ND	0.0005	ND	0.00049	ND	0.00052	ND	0.0007
Bromobenzene	108-86-1	mg/kg	NS	NS	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
Bromochloromethane	74-97-5	mg/kg	NS	NS	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
Bromodichloromethane	75-27-4	mg/kg	NS	NS	mg/kg		ND	0.0006	ND	0.0005	ND	0.00049	ND	0.00052	ND	0.0007
Bromoform	75-25-2	mg/kg	NS	NS	mg/kg		ND	0.0045	ND	0.0043	ND	0.0039	ND	0.0041	ND	0.0055
Bromomethane	74-83-9	mg/kg	NS	NS	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
Carbon disulfide	75-15-0	mg/kg	NS	NS	mg/kg		ND	0.011	ND	0.011	ND	0.0098	ND	0.01	ND	0.014
Carbon tetrachloride	56-23-5	mg/kg	22	0.76	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
Chlorobenzene	108-90-7	mg/kg	500	1.1	mg/kg		ND	0.0006	ND	0.0005	ND	0.00049	ND	0.00052	ND	0.0007
Chloroethane	75-00-3	mg/kg	NS	NS	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
Chloroform	67-66-3	mg/kg	350	0.37	mg/kg		ND	0.0017	ND	0.0016	ND	0.0015	0.00034J	0.0015	ND	0.0021
Chloromethane	74-87-3	mg/kg	NS	NS	mg/kg		ND	0.0045	ND	0.0043	ND	0.0039	ND	0.0041	ND	0.0055
cis-1,2-Dichloroethene	156-59-2	mg/kg	500	0.25	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
cis-1,3-Dichloropropene	10061-01-5	mg/kg	NS	NS	mg/kg		ND	0.0006	ND	0.0005	ND	0.00049	ND	0.00052	ND	0.0007
Dibromochloromethane	124-48-1	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
Dibromomethane	74-95-3	mg/kg	NS	NS	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
Dichlorodifluoromethane	75-71-8	mg/kg	NS	NS	mg/kg		ND	0.011	ND	0.011	ND	0.0098	ND	0.01	ND	0.014
Ethyl ether	60-29-7	mg/kg	NS	NS	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
Ethylbenzene	100-41-4	mg/kg	390	1	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
Hexachlorobutadiene	87-68-3	mg/kg	NS	NS	mg/kg		ND	0.0045	ND	0.0043	ND	0.0039	ND	0.0041	ND	0.0055
Isopropylbenzene	98-82-8	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014

Table 2
Summary of Soil Analytical Results
275 Kisco Avenue and 19 Kensico Drive
Mount Kisco, NY

Compound	CAS Number	Units	NYSDEC Commercial Soil Cleanup Objectives	NYSDEC Protection of Groundwater Soil Cleanup Objectives	Units	Property:	275 Kisco Avenue									
						Location:	275-SB-01		275-SB-02		275-SB-03		275-SB-04		275-SB-05	
						Sample Date:	7/20/2022		7/20/2022		7/20/2022		7/20/2022		7/20/2022	
						Sample Depth (ft)	3 to 4		3 to 5		5 to 7		4 to 6		3 to 5	
							Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Methyl tert butyl ether	1634-04-4	mg/kg	500	0.93	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
Methylene chloride	75-09-2	mg/kg	500	0.05	mg/kg		ND	0.0056	ND	0.0054	ND	0.0049	ND	0.0052	ND	0.0069
Naphthalene	91-20-3	mg/kg	500	12	mg/kg		ND	0.0045	ND	0.0043	ND	0.0039	ND	0.0041	0.0032J	0.0055
n-Butylbenzene	104-51-8	mg/kg	500	12	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
n-Propylbenzene	103-65-1	mg/kg	500	3.9	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
o-Chlorotoluene	95-49-8	mg/kg	NS	NS	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
o-Xylene	95-47-6	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
p/m-Xylene	179601-23-1	mg/kg	NS	NS	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
p-Chlorotoluene	106-43-4	mg/kg	NS	NS	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
p-Diethylbenzene	105-05-5	mg/kg	NS	NS	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	0.00052J	0.0028
p-Ethyltoluene	622-96-8	mg/kg	NS	NS	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	0.00072J	0.0028
p-Isopropyltoluene	99-87-6	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
sec-Butylbenzene	135-98-8	mg/kg	500	11	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
Styrene	100-42-5	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
tert-Butylbenzene	98-06-6	mg/kg	500	5.9	mg/kg		ND	0.0022	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0028
Tetrachloroethene	127-18-4	mg/kg	150	1.3	mg/kg		ND	0.0006	ND	0.0005	ND	0.00049	ND	0.00052	0.0016	0.0007
Toluene	108-88-3	mg/kg	500	0.7	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
trans-1,2-Dichloroethene	156-60-5	mg/kg	500	0.19	mg/kg		ND	0.0017	ND	0.0016	ND	0.0015	ND	0.0015	ND	0.0021
trans-1,3-Dichloropropene	10061-02-6	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
trans-1,4-Dichloro-2-butene	110-57-6	mg/kg	NS	NS	mg/kg		ND	0.0056	ND	0.0054	ND	0.0049	ND	0.0052	ND	0.0069
Trichloroethene	79-01-6	mg/kg	200	0.47	mg/kg		0.001	0.0006	0.00034J	0.0005	0.0011	0.00049	0.0005J	0.00052	0.0027	0.0007
Trichlorofluoromethane	75-69-4	mg/kg	NS	NS	mg/kg		ND	0.0045	ND	0.0043	ND	0.0039	ND	0.0041	ND	0.0055
Vinyl acetate	108-05-4	mg/kg	NS	NS	mg/kg		ND	0.011	ND	0.011	ND	0.0098	ND	0.01	ND	0.014
Vinyl chloride	75-01-4	mg/kg	13	0.02	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014
Xylenes, Total	1330-20-7	mg/kg	500	1.6	mg/kg		ND	0.0011	ND	0.0011	ND	0.00098	ND	0.001	ND	0.0014

Notes:

mg/kg - milligrams per kilogram

RL - reporting limit

ND - none detected

NS - no standard published for that compound

J - compound detected below the RL but above the method detection limit, concentration is estimated

1,000 Result exceeds NYSDEC Commercial Soil Cleanup Objectives

1,000 Result exceeds NYSDEC Protection of Groundwater Soil Cleanup Objectives.

NYSDEC - New York Department of Environmental Conservation.

NYDESC Commercial Soil Cleanup Objective from NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NYDESC Protection of Groundwater Soil Cleanup Objectives from NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 2
Summary of Soil Analytical Results
275 Kisco Avenue and 19 Kensico Drive
Mount Kisco, NY

Compound	CAS Number	Units	NYSDEC Commercial Soil Cleanup Objectives	NYSDEC Protection of Groundwater Soil Cleanup Objectives	Units	Property:	275 Kisco Avenue						19 Kensico Drive			
						Location:	275-SB-06		275-SB-07		275-SB-08		19-SB-01		19-SB-02	
						Sample Date:	7/20/2022		7/20/2022		7/20/2022		7/20/2022		7/20/2022	
						Sample Depth (ft)	10 to 12		5 to 7		6 to 7.5		3 to 5		2 to 4	
							Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Volatile Organic Compounds																
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	NS	NS	mg/kg		ND	0.00057	ND	0.0005	ND	0.0006	ND	0.0006	ND	0.00051
1,1,1-Trichloroethane	71-55-6	mg/kg	500	0.68	mg/kg		ND	0.00057	ND	0.0005	ND	0.0006	ND	0.0006	ND	0.00051
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	NS	NS	mg/kg		ND	0.00057	ND	0.0005	ND	0.0006	ND	0.0006	ND	0.00051
1,1,2-Trichloroethane	79-00-5	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
1,1-Dichloroethane	75-34-3	mg/kg	240	0.27	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
1,1-Dichloroethene	75-35-4	mg/kg	500	0.33	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
1,1-Dichloropropene	563-58-6	mg/kg	NS	NS	mg/kg		ND	0.00057	ND	0.0005	ND	0.0006	ND	0.0006	ND	0.00051
1,2,3-Trichlorobenzene	87-61-6	mg/kg	NS	NS	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
1,2,3-Trichloropropane	96-18-4	mg/kg	NS	NS	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
1,2,4,5-Tetramethylbenzene	95-93-2	mg/kg	NS	NS	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
1,2,4-Trichlorobenzene	120-82-1	mg/kg	NS	NS	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
1,2,4-Trimethylbenzene	95-63-6	mg/kg	190	3.6	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	NS	NS	mg/kg		ND	0.0034	ND	0.003	ND	0.0038	ND	0.0036	ND	0.0031
1,2-Dibromoethane	106-93-4	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
1,2-Dichlorobenzene	95-50-1	mg/kg	500	1.1	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
1,2-Dichloroethane	107-06-2	mg/kg	30	0.02	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
1,2-Dichloroethene, Total	540-59-0	mg/kg	NS	NS	mg/kg		ND	0.0011	0.00052J	0.001	ND	0.0013	ND	0.0012	0.0004J	0.001
1,2-Dichloropropane	78-87-5	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
1,3,5-Trimethylbenzene	108-67-8	mg/kg	190	8.4	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
1,3-Dichlorobenzene	541-73-1	mg/kg	280	2.4	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
1,3-Dichloropropane	142-28-9	mg/kg	NS	NS	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
1,3-Dichloropropene, Total	542-75-6	mg/kg	NS	NS	mg/kg		ND	0.00057	ND	0.0005	ND	0.0006	ND	0.0006	ND	0.00051
1,4-Dichlorobenzene	106-46-7	mg/kg	130	1.8	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
1,4-Dioxane	123-91-1	mg/kg	130	0.1	mg/kg		ND	0.092	ND	0.08	ND	0.1	ND	0.097	ND	0.082
2,2-Dichloropropane	594-20-7	mg/kg	NS	NS	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
2-Butanone	78-93-3	mg/kg	500	0.12	mg/kg		ND	0.011	ND	0.01	0.015	0.013	ND	0.012	ND	0.01
2-Hexanone	591-78-6	mg/kg	NS	NS	mg/kg		ND	0.011	ND	0.01	ND	0.013	ND	0.012	ND	0.01
4-Methyl-2-pentanone	108-10-1	mg/kg	NS	NS	mg/kg		ND	0.011	ND	0.01	ND	0.013	ND	0.012	ND	0.01
Acetone	67-64-1	mg/kg	500	0.05	mg/kg		ND	0.011	ND	0.01	0.11	0.013	0.0059J	0.012	0.014	0.01
Acrylonitrile	107-13-1	mg/kg	NS	NS	mg/kg		ND	0.0046	ND	0.004	ND	0.0051	ND	0.0048	ND	0.0041
Benzene	71-43-2	mg/kg	44	0.06	mg/kg		ND	0.00057	ND	0.0005	ND	0.0006	ND	0.0006	ND	0.00051
Bromobenzene	108-86-1	mg/kg	NS	NS	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
Bromochloromethane	74-97-5	mg/kg	NS	NS	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
Bromodichloromethane	75-27-4	mg/kg	NS	NS	mg/kg		ND	0.00057	ND	0.0005	ND	0.0006	ND	0.0006	ND	0.00051
Bromoform	75-25-2	mg/kg	NS	NS	mg/kg		ND	0.0046	ND	0.004	ND	0.0051	ND	0.0048	ND	0.0041
Bromomethane	74-83-9	mg/kg	NS	NS	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
Carbon disulfide	75-15-0	mg/kg	NS	NS	mg/kg		ND	0.011	ND	0.01	ND	0.013	ND	0.012	ND	0.01
Carbon tetrachloride	56-23-5	mg/kg	22	0.76	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
Chlorobenzene	108-90-7	mg/kg	500	1.1	mg/kg		ND	0.00057	ND	0.0005	ND	0.0006	ND	0.0006	ND	0.00051
Chloroethane	75-00-3	mg/kg	NS	NS	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
Chloroform	67-66-3	mg/kg	350	0.37	mg/kg		ND	0.0017	ND	0.0015	ND	0.0019	ND	0.0018	ND	0.0015
Chloromethane	74-87-3	mg/kg	NS	NS	mg/kg		ND	0.0046	ND	0.004	ND	0.0051	ND	0.0048	ND	0.0041
cis-1,2-Dichloroethene	156-59-2	mg/kg	500	0.25	mg/kg		ND	0.0011	0.00052J	0.001	ND	0.0013	ND	0.0012	0.0004J	0.001
cis-1,3-Dichloropropene	10061-01-5	mg/kg	NS	NS	mg/kg		ND	0.00057	ND	0.0005	ND	0.0006	ND	0.0006	ND	0.00051
Dibromochloromethane	124-48-1	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
Dibromomethane	74-95-3	mg/kg	NS	NS	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
Dichlorodifluoromethane	75-71-8	mg/kg	NS	NS	mg/kg		ND	0.011	ND	0.01	ND	0.013	ND	0.012	ND	0.01
Ethyl ether	60-29-7	mg/kg	NS	NS	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
Ethylbenzene	100-41-4	mg/kg	390	1	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
Hexachlorobutadiene	87-68-3	mg/kg	NS	NS	mg/kg		ND	0.0046	ND	0.004	ND	0.0051	ND	0.0048	ND	0.0041
Isopropylbenzene	98-82-8	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001

Table 2
Summary of Soil Analytical Results
275 Kisco Avenue and 19 Kensico Drive
Mount Kisco, NY

Compound	CAS Number	Units	NYSDEC Commercial Soil Cleanup Objectives	NYSDEC Protection of Groundwater Soil Cleanup Objectives	Units	Property:	275 Kisco Avenue						19 Kensico Drive			
						Location:	275-SB-06		275-SB-07		275-SB-08		19-SB-01		19-SB-02	
						Sample Date:	7/20/2022		7/20/2022		7/20/2022		7/20/2022		7/20/2022	
						Sample Depth (ft)	10 to 12		5 to 7		6 to 7.5		3 to 5		2 to 4	
							Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Methyl tert butyl ether	1634-04-4	mg/kg	500	0.93	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
Methylene chloride	75-09-2	mg/kg	500	0.05	mg/kg		ND	0.0057	ND	0.005	ND	0.0063	ND	0.006	ND	0.0051
Naphthalene	91-20-3	mg/kg	500	12	mg/kg		ND	0.0046	ND	0.004	ND	0.0051	ND	0.0048	ND	0.0041
n-Butylbenzene	104-51-8	mg/kg	500	12	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
n-Propylbenzene	103-65-1	mg/kg	500	3.9	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
o-Chlorotoluene	95-49-8	mg/kg	NS	NS	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
o-Xylene	95-47-6	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
p/m-Xylene	179601-23-1	mg/kg	NS	NS	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
p-Chlorotoluene	106-43-4	mg/kg	NS	NS	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
p-Diethylbenzene	105-05-5	mg/kg	NS	NS	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
p-Ethyltoluene	622-96-8	mg/kg	NS	NS	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
p-Isopropyltoluene	99-87-6	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
sec-Butylbenzene	135-98-8	mg/kg	500	11	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
Styrene	100-42-5	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
tert-Butylbenzene	98-06-6	mg/kg	500	5.9	mg/kg		ND	0.0023	ND	0.002	ND	0.0025	ND	0.0024	ND	0.002
Tetrachloroethene	127-18-4	mg/kg	150	1.3	mg/kg		ND	0.00057	0.00041J	0.0005	ND	0.0006	ND	0.0006	ND	0.00051
Toluene	108-88-3	mg/kg	500	0.7	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
trans-1,2-Dichloroethene	156-60-5	mg/kg	500	0.19	mg/kg		ND	0.0017	ND	0.0015	ND	0.0019	ND	0.0018	ND	0.0015
trans-1,3-Dichloropropene	10061-02-6	mg/kg	NS	NS	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
trans-1,4-Dichloro-2-butene	110-57-6	mg/kg	NS	NS	mg/kg		ND	0.0057	ND	0.005	ND	0.0063	ND	0.006	ND	0.0051
Trichloroethene	79-01-6	mg/kg	200	0.47	mg/kg		ND	0.00057	0.0019	0.0005	ND	0.0006	ND	0.0006	ND	0.00051
Trichlorofluoromethane	75-69-4	mg/kg	NS	NS	mg/kg		ND	0.0046	ND	0.004	ND	0.0051	ND	0.0048	ND	0.0041
Vinyl acetate	108-05-4	mg/kg	NS	NS	mg/kg		ND	0.011	ND	0.01	ND	0.013	ND	0.012	ND	0.01
Vinyl chloride	75-01-4	mg/kg	13	0.02	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001
Xylenes, Total	1330-20-7	mg/kg	500	1.6	mg/kg		ND	0.0011	ND	0.001	ND	0.0013	ND	0.0012	ND	0.001

Notes:

mg/kg - milligrams per kilogram

RL - reporting limit

ND - none detected

NS - no standard published for that compound

J - compound detected below the RL but above the method detection limit, concentration is estimated

NYSDEC - New York Department of Environmental Conservation.

NYDESC Commercial Soil Cleanup Objective from NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NYDESC Protection of Groundwater Soil Cleanup Objectives from NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

1,000 Result exceeds NYSDEC Commercial Soil Cleanup Objectives

1,000 Result exceeds NYSDEC Protection of Groundwater Soil Cleanup Objectives.

Table 3
Summary of Groundwater Analytical Results
275 Kisco and 19 Kensico Drive
Mount Kisco, NY

Compound	CAS Number	Units	NYSDEC Groundwater AWQS	Property:	275 Kisco Avenue												19 Kensico Drive			
				Location:	275-TW-01		275-TW-02		275-TW-04		275-TW-06		275-TW-07		275-TW-08		19-TW-01		19-TW-02	
				Sample Date:	7/20/2022		7/20/2022		7/20/2022		7/20/2022		7/20/2022		7/20/2022		7/21/2022		7/21/2022	
				Sample Depth (ft)	5.5 to 12		5 to 12		6 to 8		12 to 16		7 to 12		8 to 12		5 to 8		4 to 10	
					Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
Volatile Organics Compounds																				
1,1,1,2-Tetrachloroethane	630-20-6	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
1,1,1-Trichloroethane	71-55-6	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	5		ND	0.5	ND	0.5	ND	50	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
1,1,2-Trichloroethane	79-00-5	ug/l	1		ND	1.5	ND	1.5	ND	150	ND	1.5	ND	1.5	ND	1.5	ND	1.5	ND	1.5
1,1-Dichloroethane	75-34-3	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
1,1-Dichloroethene	75-35-4	ug/l	5		ND	0.5	ND	0.5	ND	50	ND	0.5	ND	0.5	ND	0.5	ND	0.5	1.6	0.5
1,1-Dichloropropene	563-58-6	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
1,2,3-Trichlorobenzene	87-61-6	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
1,2,3-Trichloropropane	96-18-4	ug/l	0.04		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
1,2,4,5-Tetramethylbenzene	95-93-2	ug/l	5		ND	2	ND	2	ND	200	ND	2	ND	2	ND	2	ND	2	ND	2
1,2,4-Trichlorobenzene	120-82-1	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
1,2,4-Trimethylbenzene	95-63-6	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	0.04		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
1,2-Dibromoethane	106-93-4	ug/l	0.0006		ND	2	ND	2	ND	200	ND	2	ND	2	ND	2	ND	2	ND	2
1,2-Dichlorobenzene	95-50-1	ug/l	3		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
1,2-Dichloroethane	107-06-2	ug/l	0.6		ND	0.5	ND	0.5	ND	50	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
1,2-Dichloroethene, Total	540-59-0	ug/l	NS		ND	2.5	ND	2.5	ND	250	ND	2.5	0.91J	2.5	ND	2.5	ND	2.5	22	2.5
1,2-Dichloropropane	78-87-5	ug/l	1		ND	1	ND	1	ND	100	ND	1	ND	1	ND	1	ND	1	ND	1
1,3,5-Trimethylbenzene	108-67-8	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
1,3-Dichlorobenzene	541-73-1	ug/l	3		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
1,3-Dichloropropane	142-28-9	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
1,3-Dichloropropene, Total	542-75-6	ug/l	NS		ND	0.5	ND	0.5	ND	50	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
1,4-Dichlorobenzene	106-46-7	ug/l	3		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
1,4-Dioxane	123-91-1	ug/l	NS		ND	250	ND	250	ND	25000	ND	250	ND	250	ND	250	ND	250	ND	250
2,2-Dichloropropane	594-20-7	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
2-Butanone	78-93-3	ug/l	50		40	5	ND	5	ND	500	ND	5	2.4J	5	2J	5	ND	5	ND	5
2-Hexanone	591-78-6	ug/l	50		ND	5	ND	5	ND	500	ND	5	ND	5	ND	5	ND	5	ND	5
4-Methyl-2-pentanone	108-10-1	ug/l	NS		ND	5	ND	5	ND	500	ND	5	ND	5	ND	5	ND	5	ND	5
Acetone	67-64-1	ug/l	50		38	5	1.6J	5	ND	500	2.2J	5	10	5	9.1	5	ND	5	4.5J	5
Acrylonitrile	107-13-1	ug/l	5		ND	5	ND	5	ND	500	ND	5	ND	5	ND	5	ND	5	ND	5
Benzene	71-43-2	ug/l	1		ND	0.5	ND	0.5	ND	50	ND	0.5	ND	0.5	ND	0.5	ND	0.5	0.3J	0.5
Bromobenzene	108-86-1	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
Bromochloromethane	74-97-5	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
Bromodichloromethane	75-27-4	ug/l	50		ND	0.5	ND	0.5	ND	50	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
Bromoform	75-25-2	ug/l	50		ND	2	ND	2	ND	200	ND	2	ND	2	ND	2	ND	2	ND	2
Bromomethane	74-83-9	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
Carbon disulfide	75-15-0	ug/l	60		ND	5	ND	5	ND	500	ND	5	ND	5	ND	5	ND	5	ND	5
Carbon tetrachloride	56-23-5	ug/l	5		ND	0.5	ND	0.5	ND	50	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
Chlorobenzene	108-90-7	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
Chloroethane	75-00-3	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
Chloroform	67-66-3	ug/l	7		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
Chloromethane	74-87-3	ug/l	NS		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
cis-1,2-Dichloroethene	156-59-2	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	0.91J	2.5	ND	2.5	ND	2.5	22	2.5
cis-1,3-Dichloropropene	10061-01-5	ug/l	0.4		ND	0.5	ND	0.5	ND	50	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
Dibromochloromethane	124-48-1	ug/l	50		ND	0.5	ND	0.5	ND	50	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
Dibromomethane	74-95-3	ug/l	5		ND	5	ND	5	ND	500	ND	5	ND	5	ND	5	ND	5	ND	5
Dichlorodifluoromethane	75-71-8	ug/l	5		ND	5	ND	5	ND	500	ND	5	ND	5	ND	5	ND	5	ND	5
Ethyl ether	60-29-7	ug/l	NS		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
Ethylbenzene	100-41-4	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
Hexachlorobutadiene	87-68-3	ug/l	0.5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
Isopropylbenzene	98-82-8	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
Methyl tert butyl ether	1634-04-4	ug/l	10		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
Methylene chloride	75-09-2	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
Naphthalene	91-20-3	ug/l	10		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
n-Butylbenzene	104-51-8	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5

Table 3
Summary of Groundwater Analytical Results
275 Kisco and 19 Kensico Drive
Mount Kisco, NY

Compound	CAS Number	Units	NYSDEC Groundwater AWQS	Property:	275 Kisco Avenue												19 Kensico Drive			
				Location:	275-TW-01		275-TW-02		275-TW-04		275-TW-06		275-TW-07		275-TW-08		19-TW-01		19-TW-02	
				Sample Date:	7/20/2022		7/20/2022		7/20/2022		7/20/2022		7/20/2022		7/20/2022		7/21/2022		7/21/2022	
				Sample Depth (ft)	5.5 to 12		5 to 12		6 to 8		12 to 16		7 to 12		8 to 12		5 to 8		4 to 10	
					Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
n-Propylbenzene	103-65-1	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
o-Chlorotoluene	95-49-8	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
o-Xylene	95-47-6	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
p/m-Xylene	179601-23-1	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
p-Chlorotoluene	106-43-4	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
p-Diethylbenzene	105-05-5	ug/l	NS		ND	2	ND	2	ND	200	ND	2	ND	2	ND	2	ND	2	ND	2
p-Ethyltoluene	622-96-8	ug/l	NS		ND	2	ND	2	ND	200	ND	2	ND	2	ND	2	ND	2	ND	2
p-Isopropyltoluene	99-87-6	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
sec-Butylbenzene	135-98-8	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
Styrene	100-42-5	ug/l	930		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
tert-Butylbenzene	98-06-6	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
Tetrachloroethene	127-18-4	ug/l	5		ND	0.5	ND	0.5	ND	50	ND	0.5	0.25J	0.5	ND	0.5	ND	0.5	1.1	0.5
Toluene	108-88-3	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
trans-1,2-Dichloroethene	156-60-5	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
trans-1,3-Dichloropropene	10061-02-6	ug/l	0.4		ND	0.5	ND	0.5	ND	50	ND	0.5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
trans-1,4-Dichloro-2-butene	110-57-6	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
Trichloroethene	79-01-6	ug/l	5		0.93	0.5	1.2	0.5	9500	50	ND	0.5	3.5	0.5	ND	0.5	0.8	0.5	100	0.5
Trichlorofluoromethane	75-69-4	ug/l	5		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5
Vinyl acetate	108-05-4	ug/l	NS		ND	5	ND	5	ND	500	ND	5	ND	5	ND	5	ND	5	ND	5
Vinyl chloride	75-01-4	ug/l	2		ND	1	ND	1	ND	100	ND	1	ND	1	ND	1	ND	1	14	1
Xylenes, Total	1330-20-7	ug/l	NS		ND	2.5	ND	2.5	ND	250	ND	2.5	ND	2.5	ND	2.5	ND	2.5	ND	2.5

Notes:
ug/l - micrograms per liter
RL - reporting limit
ND - not detected
NS - no standard
J - compound detected below the RL but above the method detection limit, concentration is estimated
NYDEC - New York State Department of Environmental Conservation
AWQS - Ambient Water Quality Standards
NYSDEC Groundwater AWQS are for class GA waters from the New York TOGs 111 Ambient Water Quality Standards and Groundwater Effluent Limitations.

100 Result exceeds the NYDEC AWQS

Table 4
Summary of Indoor Air and Sub-Slab Soil Vapor Results
275 Kensico Drive
Mount Kisco, New York

Compound	CAS Number	Units	Sample Type: / Location: / Sample Date:	OSHA Permisable Exposure Limit	ACGIH Threshold Limit Value	NYSDOH Decision Matrices Indoor Air Minimum Criteria	Indoor Air						Ambient Outdoor Air *	
							275-IAQ-01		275-IAQ-02		275-IAQ-03		275-AA-01	
							7/19/2022		7/19/2022		7/19/2022		7/19/2022	
							Results	RL	Results	RL	Results	RL	Results	RL
Volatile Organic Compounds														
1,1,1-Trichloroethane	71-55-6	ug/m3		1,900,000	1,900,000	3	ND	0.109	ND	0.109	ND	0.109	ND	0.109
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3		35,000	6,900	NS	ND	1.37	ND	1.37	ND	1.37	ND	1.37
1,1,2-Trichloroethane	79-00-5	ug/m3		45,000	55,000	NS	ND	1.09	ND	1.09	ND	1.09	ND	1.09
1,1-Dichloroethane	75-34-3	ug/m3		400,000	405,000	NS	ND	0.809	ND	0.809	ND	0.809	ND	0.809
1,1-Dichloroethene	75-35-4	ug/m3		400,000	400,000	0.2	ND	0.079	ND	0.079	ND	0.079	ND	0.079
1,2,4-Trichlorobenzene	120-82-1	ug/m3		NS	NS	NS	ND	1.48	ND	1.48	ND	1.48	ND	1.48
1,2,4-Trimethylbenzene	95-63-6	ug/m3		120,000	48,000	NS	9.64	0.983	34	0.983	25.7	0.983	1.36	0.983
1,2-Dibromoethane	106-93-4	ug/m3		153,800	NS	NS	ND	1.54	ND	1.54	ND	1.54	ND	1.54
1,2-Dichlorobenzene	95-50-1	ug/m3		300,000	150,000	NS	ND	1.2	ND	1.2	ND	1.2	ND	1.2
1,2-Dichloroethane	107-06-2	ug/m3		200,000	40,000	NS	3.37	0.809	1.23	0.809	ND	0.809	ND	0.809
1,2-Dichloropropane	78-87-5	ug/m3		350,000	47,000	NS	ND	0.924	ND	0.924	ND	0.924	ND	0.924
1,3,5-Trimethylbenzene	108-67-8	ug/m3		120,000	125,000	NS	2.4	0.983	8.6	0.983	6.54	0.983	ND	0.983
1,3-Butadiene	106-99-0	ug/m3		2,210	4,420	NS	ND	0.442	0.892	0.442	0.712	0.442	ND	0.442
1,3-Dichlorobenzene	541-73-1	ug/m3		NS	NS	NS	ND	1.2	ND	1.2	ND	1.2	ND	1.2
1,4-Dichlorobenzene	106-46-7	ug/m3		450,000	60,000	NS	ND	1.2	ND	1.2	ND	1.2	ND	1.2
1,4-Dioxane	123-91-1	ug/m3		360,000	72,000	NS	ND	0.721	ND	0.721	ND	0.721	ND	0.721
2,2,4-Trimethylpentane	540-84-1	ug/m3		NS	NS	NS	ND	0.934	ND	0.934	ND	0.934	2.27	0.934
2-Butanone	78-93-3	ug/m3		590,000	590,000*	NS	3.78	1.47	4.81	1.47	2.85	1.47	ND	1.47
2-Hexanone	591-78-6	ug/m3		410,000	20,500	NS	ND	0.82	ND	0.82	ND	0.82	ND	0.82
3-Chloropropene	107-05-1	ug/m3		3,000	3,000	NS	ND	0.626	ND	0.626	ND	0.626	ND	0.626
4-Ethyltoluene	622-96-8	ug/m3		NS	NS	NS	2.04	0.983	7.18	0.983	5.21	0.983	ND	0.983
4-Methyl-2-pentanone	108-10-1	ug/m3		410,000	82,000	NS	ND	2.05	ND	2.05	ND	2.05	ND	2.05
Acetone	67-64-1	ug/m3		2400000	594,000	NS	2090	7.91	8840	39.7	4680	29.7	23.7	2.38
Benzene	71-43-2	ug/m3		32000	1,600	NS	7.09	0.639	21.3	0.639	16.3	0.639	1.72	0.639
Benzyl chloride	100-44-7	ug/m3		5000	5000	NS	ND	1.04	ND	1.04	ND	1.04	ND	1.04
Bromodichloromethane	75-27-4	ug/m3		NS	NS	NS	ND	1.34	ND	1.34	ND	1.34	ND	1.34
Bromoform	75-25-2	ug/m3		5,000	5,200	NS	ND	2.07	ND	2.07	ND	2.07	ND	2.07
Bromomethane	74-83-9	ug/m3		80,000	3,880	NS	ND	0.777	ND	0.777	ND	0.777	ND	0.777
Carbon disulfide	75-15-0	ug/m3		66,200	3,310	NS	ND	0.623	ND	0.623	ND	0.623	ND	0.623
Carbon tetrachloride	56-23-5	ug/m3		62,000	31,000	0.2	0.415	0.126	0.377	0.126	0.403	0.126	0.465	0.126
Chlorobenzene	108-90-7	ug/m3		350,000	46,000	NS	ND	0.921	ND	0.921	ND	0.921	ND	0.921
Chloroethane	75-00-3	ug/m3		2,600,000	260,000	NS	ND	0.528	ND	0.528	ND	0.528	ND	0.528
Chloroform	67-66-3	ug/m3		240,000	49,000	NS	ND	0.977	ND	0.977	ND	0.977	ND	0.977
Chloromethane	74-87-3	ug/m3		210,000	105,000	NS	1.27	0.413	1.23	0.413	1.21	0.413	1.07	0.413
cis-1,2-Dichloroethene	156-59-2	ug/m3		790,000	793,000	0.2	ND	0.079	ND	0.079	ND	0.079	ND	0.079
cis-1,3-Dichloropropene	10061-01-5	ug/m3		NS	5,000	NS	ND	0.908	ND	0.908	ND	0.908	ND	0.908
Cyclohexane	110-82-7	ug/m3		1,050,000	100,000	NS	3.27	0.688	ND	0.688	12	0.688	ND	0.688
Dibromochloromethane	124-48-1	ug/m3		NS	NS	NS	ND	1.7	ND	1.7	ND	1.7	ND	1.7
Dichlorodifluoromethane	75-71-8	ug/m3		4,950,000	4,950,000	NS	2.11	0.989	2.14	0.989	2.08	0.989	2.33	0.989
Ethanol	64-17-5	ug/m3		1,900,000	1,880,000	NS	411	9.42	303	9.42	180	9.42	ND	9.42
Ethyl Acetate	141-78-6	ug/m3		1,400,000	1,440,000	NS	2.42	1.8	6.92	1.8	ND	1.8	ND	1.8
Ethylbenzene	100-41-4	ug/m3		435,000	87,000	NS	84.7	0.869	419	0.869	216	0.869	1.06	0.869
Freon-113	76-13-1	ug/m3		7,600,000	7,670,000	NS	ND	1.53	ND	1.53	ND	1.53	ND	1.53
Freon-114	76-14-2	ug/m3		7,000,000	7,000,000	NS	ND	1.4	ND	1.4	ND	1.4	ND	1.4
Heptane	142-82-5	ug/m3		2,000,000	1,640,000	NS	408	0.82	1860	13.6	1010	10.2	2.57	0.82
Hexachlorobutadiene	87-68-3	ug/m3		NS	213	NS	ND	2.13	ND	2.13	ND	2.13	ND	2.13
Isopropanol	67-63-0	ug/m3		980,000	490,000	NS	103	1.23	428	20.5	514	15.4	ND	1.23
Methyl tert butyl ether	1634-04-4	ug/m3		NS	179,000	NS	ND	0.721	ND	0.721	ND	0.721	ND	0.721

Table 4
Summary of Indoor Air and Sub-Slab Soil Vapor Results
275 Kensico Drive
Mount Kisco, New York

Compound	CAS Number	Units	Sample Type: / Location: / Sample Date:	OSHA Permisable Exposure Limit	ACGIH Threshold Limit Value	NYSDOH Decision Matrices Indoor Air Minimum Criteria	Indoor Air						Ambient Outdoor Air *	
							275-IAQ-01		275-IAQ-02		275-IAQ-03		275-AA-01	
							7/19/2022		7/19/2022		7/19/2022		7/19/2022	
							Results	RL	Results	RL	Results	RL	Results	RL
Methylene chloride	75-09-2	ug/m3		86,750	173,500	3	ND	1.74	ND	1.74	ND	1.74	ND	1.74
n-Hexane	110-54-3	ug/m3		1,800,000	180,000	NS	7.37	0.705	22.9	0.705	20.4	0.705	1.04	0.705
o-Xylene	95-47-6	ug/m3		NS	NS	NS	85.1	0.869	424	0.869	228	0.869	1.21	0.869
p/m-Xylene	179601-23-1	ug/m3		NS	NS	NS	316	1.74	1320	29	747	1.74	3.32	1.74
Styrene	100-42-5	ug/m3		435,000	43,500	NS	2.44	0.852	2.64	0.852	2.63	0.852	ND	0.852
Tertiary butyl Alcohol	75-65-0	ug/m3		300,000	300,000	NS	ND	1.52	ND	1.52	ND	1.52	ND	1.52
Tetrachloroethene	127-18-4	ug/m3		680,000	170,000	3	67.8	0.136	172	0.136	201	0.136	0.515	0.136
Tetrahydrofuran	109-99-9	ug/m3		590,000	147,000	NS	ND	1.47	ND	1.47	ND	1.47	ND	1.47
Toluene	108-88-3	ug/m3		740,000	74,000	NS	156	0.754	464	12.5	833	9.42	5.95	0.754
trans-1,2-Dichloroethene	156-60-5	ug/m3		790,000	793,000	NS	ND	0.793	ND	0.793	ND	0.793	ND	0.793
trans-1,3-Dichloropropene	10061-02-6	ug/m3		790,000	793,000	NS	ND	0.908	ND	0.908	ND	0.908	ND	0.908
Trichloroethene	79-01-6	ug/m3		540,000	54,000	0.2	ND	0.107	ND	0.107	ND	0.107	0.231	0.107
Trichlorofluoromethane	75-69-4	ug/m3		5,600,000	5,600,000	NS	ND	1.12	1.16	1.12	ND	1.12	ND	1.12
Vinyl bromide	593-60-2	ug/m3		NS	NS	NS	ND	0.874	ND	0.874	ND	0.874	ND	0.874
Vinyl chloride	75-01-4	ug/m3		2,560	2,600	0.2	0.061	0.051	ND	0.051	ND	0.051	ND	0.051
Total Xylenes	1330-20-7	ug/m3		435,000	87,000	NS	401.1	2.609	1744	29.869	975	2.609	4.53	2.609

Notes:
ug/m3 - micrograms per meter cubed
RL - reporting limit
ND - not detected
NS - no standard for that compound
NYSDOH - New York State Department of Health
* - Ambient outdoor air sample not compared to criteria, but used to evaluate outdoor background.
NYSDOH Decision Matrix Criteria and Recommendations from the May 2017 update to the soil vapor/ indoor air decision matrices.
OSHA - Occupational Safety and Health Adminstration
ACGIH - American Conference of Governmental Industrial Hygienists
0.973 Result exceeds minimum NYSDOH decision matrix criteria

Table 4
Summary of Indoor Air and Sub-Slab Soil Vapor Results
275 Kensico Drive
Mount Kisco, New York

Compound	CAS Number	Units	Sample Type: / Location: / Sample Date:	NYSDOH Decision Matrices Sub-Slab Soil Vapor Minimum Criteria	Sub-Slab Soil Vapor						NYSDOH Decision Matrices Recommendation
					275-SSVP-01		275-SSVP-02		275-SSVP-03		
					7/19/2022		7/19/2022		7/19/2022		
					Results	RL	Results	RL	Results	RL	
Volatile Organic Compounds											
1,1,1-Trichloroethane	71-55-6	ug/m3		100	ND	1.09	ND	1.4	ND	4.96	**No futher action**
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3		NS	ND	1.37	ND	1.76	ND	6.24	NS
1,1,2-Trichloroethane	79-00-5	ug/m3		NS	ND	1.09	ND	1.4	ND	4.96	NS
1,1-Dichloroethane	75-34-3	ug/m3		NS	ND	0.809	ND	1.04	4.74	3.68	NS
1,1-Dichloroethene	75-35-4	ug/m3		6	ND	0.793	ND	1.01	ND	3.6	**No futher action**
1,2,4-Trichlorobenzene	120-82-1	ug/m3		NS	ND	1.48	ND	1.9	ND	6.75	NS
1,2,4-Trimethylbenzene	95-63-6	ug/m3		NS	6.24	0.983	11.5	1.26	ND	4.47	NS
1,2-Dibromoethane	106-93-4	ug/m3		NS	ND	1.54	ND	1.97	ND	6.99	NS
1,2-Dichlorobenzene	95-50-1	ug/m3		NS	ND	1.2	ND	1.54	ND	5.47	NS
1,2-Dichloroethane	107-06-2	ug/m3		NS	ND	0.809	ND	1.04	ND	3.68	NS
1,2-Dichloropropane	78-87-5	ug/m3		NS	ND	0.924	ND	1.18	ND	4.2	NS
1,3,5-Trimethylbenzene	108-67-8	ug/m3		NS	1.55	0.983	2.94	1.26	ND	4.47	NS
1,3-Butadiene	106-99-0	ug/m3		NS	ND	0.442	ND	0.566	ND	2.01	NS
1,3-Dichlorobenzene	541-73-1	ug/m3		NS	ND	1.2	ND	1.54	ND	5.47	NS
1,4-Dichlorobenzene	106-46-7	ug/m3		NS	ND	1.2	ND	1.54	ND	5.47	NS
1,4-Dioxane	123-91-1	ug/m3		NS	ND	0.721	2.23	0.923	ND	3.28	NS
2,2,4-Trimethylpentane	540-84-1	ug/m3		NS	ND	0.934	ND	1.2	ND	4.25	NS
2-Butanone	78-93-3	ug/m3		NS	21	1.47	22.3	1.89	ND	6.69	NS
2-Hexanone	591-78-6	ug/m3		NS	0.852	0.82	4.55	1.05	ND	3.73	NS
3-Chloropropene	107-05-1	ug/m3		NS	ND	0.626	ND	0.801	ND	2.85	NS
4-Ethyltoluene	622-96-8	ug/m3		NS	1.21	0.983	1.5	1.26	ND	4.47	NS
4-Methyl-2-pentanone	108-10-1	ug/m3		NS	13	2.05	10.8	2.63	ND	9.3	NS
Acetone	67-64-1	ug/m3		NS	1400	11.9	2950	11.9	228	10.8	NS
Benzene	71-43-2	ug/m3		NS	8.5	0.639	75.4	0.818	ND	2.9	NS
Benzyl chloride	100-44-7	ug/m3		NS	ND	1.04	ND	1.33	ND	4.71	NS
Bromodichloromethane	75-27-4	ug/m3		NS	ND	1.34	ND	1.72	ND	6.09	NS
Bromoform	75-25-2	ug/m3		NS	ND	2.07	ND	2.65	ND	9.4	NS
Bromomethane	74-83-9	ug/m3		NS	ND	0.777	ND	0.994	ND	3.53	NS
Carbon disulfide	75-15-0	ug/m3		NS	0.735	0.623	1.73	0.797	ND	2.83	NS
Carbon tetrachloride	56-23-5	ug/m3		6	ND	1.26	ND	1.61	ND	5.72	**No futher action**
Chlorobenzene	108-90-7	ug/m3		NS	ND	0.921	ND	1.18	ND	4.19	NS
Chloroethane	75-00-3	ug/m3		NS	ND	0.528	9.24	0.676	ND	2.4	NS
Chloroform	67-66-3	ug/m3		NS	28.7	0.977	50.8	1.25	207	4.44	NS
Chloromethane	74-87-3	ug/m3		NS	ND	0.413	ND	0.529	ND	1.88	NS
cis-1,2-Dichloroethene	156-59-2	ug/m3		6	ND	0.793	2.82	1.01	151	3.6	**Mitigate**
cis-1,3-Dichloropropene	10061-01-5	ug/m3		NS	ND	0.908	ND	1.16	ND	4.13	NS
Cyclohexane	110-82-7	ug/m3		NS	5.06	0.688	2.92	0.881	ND	3.13	NS
Dibromochloromethane	124-48-1	ug/m3		NS	ND	1.7	ND	2.18	ND	7.74	NS
Dichlorodifluoromethane	75-71-8	ug/m3		NS	ND	0.989	ND	1.27	ND	4.49	NS
Ethanol	64-17-5	ug/m3		NS	1270	47.1	428	12.1	95.2	42.8	NS
Ethyl Acetate	141-78-6	ug/m3		NS	ND	1.8	ND	2.31	ND	8.18	NS
Ethylbenzene	100-41-4	ug/m3		NS	41.7	0.869	134	1.11	ND	3.95	NS
Freon-113	76-13-1	ug/m3		NS	ND	1.53	ND	1.96	ND	6.97	NS
Freon-114	76-14-2	ug/m3		NS	ND	1.4	ND	1.79	ND	6.35	NS
Heptane	142-82-5	ug/m3		NS	40.9	0.82	31.6	1.05	4.3	3.73	NS
Hexachlorobutadiene	87-68-3	ug/m3		NS	ND	2.13	ND	2.73	ND	9.7	NS
Isopropanol	67-63-0	ug/m3		NS	103	1.23	158	1.58	10.6	5.58	NS
Methyl tert butyl ether	1634-04-4	ug/m3		NS	ND	0.721	ND	0.923	ND	3.28	NS

Table 4
Summary of Indoor Air and Sub-Slab Soil Vapor Results
275 Kensico Drive
Mount Kisco, New York

Compound	CAS Number	Units	Sample Type: / Location: / Sample Date:	NYSDOH Decision Matrices Sub-Slab Soil Vapor Minimum Criteria	Sub-Slab Soil Vapor						NYSDOH Decision Matrices Recommendation
					275-SSVP-01		275-SSVP-02		275-SSVP-03		
					7/19/2022		7/19/2022		7/19/2022		
					Results	RL	Results	RL	Results	RL	
Methylene chloride	75-09-2	ug/m3		100	ND	1.74	ND	2.23	ND	7.89	**No further action**
n-Hexane	110-54-3	ug/m3		NS	3.5	0.705	2.53	0.902	ND	3.2	NS
o-Xylene	95-47-6	ug/m3		NS	25.3	0.869	19	1.11	ND	3.95	NS
p/m-Xylene	179601-23-1	ug/m3		NS	72.1	1.74	47.8	2.23	ND	7.91	NS
Styrene	100-42-5	ug/m3		NS	711	4.26	434	1.09	4.94	3.87	NS
Tertiary butyl Alcohol	75-65-0	ug/m3		NS	12.8	1.52	54.3	1.94	ND	6.88	NS
Tetrachloroethene	127-18-4	ug/m3		100	26.9	1.36	97	1.74	692	6.16	**Mitigate**
Tetrahydrofuran	109-99-9	ug/m3		NS	ND	1.47	6.19	1.89	ND	6.69	NS
Toluene	108-88-3	ug/m3		NS	70.8	0.754	184	0.965	5.58	3.43	NS
trans-1,2-Dichloroethene	156-60-5	ug/m3		NS	ND	0.793	ND	1.01	36.6	3.6	NS
trans-1,3-Dichloropropene	10061-02-6	ug/m3		NS	ND	0.908	ND	1.16	ND	4.13	NS
Trichloroethene	79-01-6	ug/m3		6	14.9	1.07	305	1.38	2120	4.89	**Mitigate**
Trichlorofluoromethane	75-69-4	ug/m3		NS	62.9	1.12	70.8	1.44	ND	5.11	NS
Vinyl bromide	593-60-2	ug/m3		NS	ND	0.874	ND	1.12	ND	3.97	NS
Vinyl chloride	75-01-4	ug/m3		6	ND	0.511	ND	0.654	ND	2.32	**No futher action**
Total Xylenes	1330-20-7	ug/m3		NS	97.4	2.609	66.8	3.34	ND	11.86	NS

Notes:
ug/m3 - micrograms per meter cubed
RL - reporting limit
ND - not detected
NS - no standard for that compound
NYSDOH - New York State Department of Health
* - Ambient outdoor air sample not compared to criteria, but used to evaluate outdoor background.
NYSDOH Decision Matrix Criteria and Recommendations from the May 2017 update to the soil vapor/ indoor air decision matrices.
OSHA - Occupational Safety and Health Adminstration
ACGIH - American Conference of Governmental Industrial Hygienists
0.973 Result exceeds minimum NYSDOH decision matrix criteria

Table 4
Summary of Indoor Air and Sub-Slab Soil Vapor Results
19 Kensico Drive
Mount Kisco, New York

Compound	CAS Number	Units	Sample Type: / Location: / Sample Date:	OSHA Permisable Exposure Limit	ACGIH Threshold Limit Value	NYSDOH Decision Matrices Indoor Air Minimum Criteria	Indoor Air 19-IAQ-01 7/19/2022 Results	Indoor Air 19-IAQ-01 7/19/2022 RL	Indoor Air 19-IAQ-02 7/19/2022 Results	Indoor Air 19-IAQ-02 7/19/2022 RL	NYSDOH Decision Matrices Sub-Slab Soil Vapor Minimum Criteria	Sub-Slab Soil Vapor 19-SSVP-01 7/20/2022 Results	Sub-Slab Soil Vapor 19-SSVP-01 7/20/2022 RL	NYSDOH Decision Matrices Recommendation
Volatile Organic Compounds														
1,1,1-Trichloroethane	71-55-6	ug/m3		1,900,000	1,900,000	3	ND	0.109	ND	0.109	100	ND	24.2	**No futher action**
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3		35,000	6,900	NS	ND	1.37	ND	1.37	NS	ND	30.4	NS
1,1,2-Trichloroethane	79-00-5	ug/m3		45,000	55,000	NS	ND	1.09	ND	1.09	NS	ND	24.2	NS
1,1-Dichloroethane	75-34-3	ug/m3		400,000	405,000	NS	ND	0.809	ND	0.809	NS	ND	17.9	NS
1,1-Dichloroethene	75-35-4	ug/m3		400,000	400,000	0.2	ND	0.079	ND	0.079	6	ND	17.6	**No futher action**
1,2,4-Trichlorobenzene	120-82-1	ug/m3		NS	NS	NS	ND	1.48	ND	1.48	NS	ND	32.9	NS
1,2,4-Trimethylbenzene	95-63-6	ug/m3		120,000	48,000	NS	ND	0.983	ND	0.983	NS	ND	21.8	NS
1,2-Dibromoethane	106-93-4	ug/m3		153,800	NS	NS	ND	1.54	ND	1.54	NS	ND	34	NS
1,2-Dichlorobenzene	95-50-1	ug/m3		300,000	150,000	NS	ND	1.2	ND	1.2	NS	ND	26.6	NS
1,2-Dichloroethane	107-06-2	ug/m3		200,000	40,000	NS	ND	0.809	ND	0.809	NS	ND	17.9	NS
1,2-Dichloropropane	78-87-5	ug/m3		350,000	47,000	NS	ND	0.924	ND	0.924	NS	ND	20.5	NS
1,3,5-Trimethylbenzene	108-67-8	ug/m3		120,000	125,000	NS	ND	0.983	ND	0.983	NS	ND	21.8	NS
1,3-Butadiene	106-99-0	ug/m3		2,210	4,420	NS	ND	0.442	ND	0.442	NS	ND	9.8	NS
1,3-Dichlorobenzene	541-73-1	ug/m3		NS	NS	NS	ND	1.2	ND	1.2	NS	ND	26.6	NS
1,4-Dichlorobenzene	106-46-7	ug/m3		450,000	60,000	NS	ND	1.2	ND	1.2	NS	ND	26.6	NS
1,4-Dioxane	123-91-1	ug/m3		360,000	72,000	NS	ND	0.721	ND	0.721	NS	ND	16	NS
2,2,4-Trimethylpentane	540-84-1	ug/m3		NS	NS	NS	ND	0.934	ND	0.934	NS	ND	20.7	NS
2-Butanone	78-93-3	ug/m3		590,000	590,000*	NS	4.1	1.47	4.28	1.47	NS	ND	32.7	NS
2-Hexanone	591-78-6	ug/m3		410,000	20,500	NS	ND	0.82	ND	0.82	NS	ND	18.2	NS
3-Chloropropene	107-05-1	ug/m3		3,000	3,000	NS	ND	0.626	ND	0.626	NS	ND	13.9	NS
4-Ethyltoluene	622-96-8	ug/m3		NS	NS	NS	ND	0.983	ND	0.983	NS	ND	21.8	NS
4-Methyl-2-pentanone	108-10-1	ug/m3		410,000	82,000	NS	ND	2.05	ND	2.05	NS	ND	45.5	NS
Acetone	67-64-1	ug/m3		2,400,000	594,000	NS	76.7	2.38	76	2.38	NS	6390	52.7	NS
Benzene	71-43-2	ug/m3		32,000	1,600	NS	ND	0.639	ND	0.639	NS	ND	14.2	NS
Benzyl chloride	100-44-7	ug/m3		5,000	5000	NS	ND	1.04	ND	1.04	NS	ND	22.9	NS
Bromodichloromethane	75-27-4	ug/m3		NS	NS	NS	ND	1.34	ND	1.34	NS	ND	29.7	NS
Bromoform	75-25-2	ug/m3		5,000	5,200	NS	ND	2.07	ND	2.07	NS	ND	45.8	NS
Bromomethane	74-83-9	ug/m3		80,000	3,880	NS	1.77	0.777	1.52	0.777	NS	ND	17.2	NS
Carbon disulfide	75-15-0	ug/m3		66,200	3,310	NS	ND	0.623	ND	0.623	NS	ND	13.8	NS
Carbon tetrachloride	56-23-5	ug/m3		62,000	31,000	0.2	ND	0.126	0.384	0.126	6	ND	27.9	**Monitor#**
Chlorobenzene	108-90-7	ug/m3		350,000	46,000	NS	ND	0.921	ND	0.921	NS	ND	20.4	NS
Chloroethane	75-00-3	ug/m3		2,600,000	260,000	NS	ND	0.528	ND	0.528	NS	ND	11.7	NS
Chloroform	67-66-3	ug/m3		240,000	49,000	NS	ND	0.977	ND	0.977	NS	62	21.6	NS
Chloromethane	74-87-3	ug/m3		210,000	105,000	NS	1.37	0.413	1.36	0.413	NS	ND	9.15	NS
cis-1,2-Dichloroethene	156-59-2	ug/m3		790,000	793,000	0.2	0.083	0.079	0.079	0.079	6	72.2	17.6	**Mitigate**
cis-1,3-Dichloropropene	10061-01-5	ug/m3		NS	5,000	NS	ND	0.908	ND	0.908	NS	ND	20.1	NS
Cyclohexane	110-82-7	ug/m3		1,050,000	100,000	NS	ND	0.688	ND	0.688	NS	ND	15.2	NS
Dibromochloromethane	124-48-1	ug/m3		NS	NS	NS	ND	1.7	ND	1.7	NS	ND	37.7	NS
Dichlorodifluoromethane	75-71-8	ug/m3		4,950,000	4,950,000	NS	2.05	0.989	2.07	0.989	NS	ND	21.9	NS
Ethanol	64-17-5	ug/m3		1,900,000	1,880,000	NS	ND	9.42	ND	9.42	NS	1150	209	NS
Ethyl Acetate	141-78-6	ug/m3		1,400,000	1,440,000	NS	ND	1.8	ND	1.8	NS	ND	40	NS
Ethylbenzene	100-41-4	ug/m3		435,000	87,000	NS	1.22	0.869	0.943	0.869	NS	ND	19.2	NS
Freon-113	76-13-1	ug/m3		7,600,000	7,670,000	NS	ND	1.53	ND	1.53	NS	ND	34	NS
Freon-114	76-14-2	ug/m3		7,000,000	7,000,000	NS	ND	1.4	ND	1.4	NS	ND	31	NS
Heptane	142-82-5	ug/m3		2,000,000	1,640,000	NS	0.967	0.82	ND	0.82	NS	ND	18.2	NS
Hexachlorobutadiene	87-68-3	ug/m3		NS	213	NS	ND	2.13	ND	2.13	NS	ND	47.3	NS
Isopropanol	67-63-0	ug/m3		980,000	490,000	NS	2.68	1.23	2.03	1.23	NS	261	27.3	NS
Methyl tert butyl ether	1634-04-4	ug/m3		NS	179,000	NS	ND	0.721	ND	0.721	NS	ND	16	NS
Methylene chloride	75-09-2	ug/m3		86,750	173,500	3	ND	1.74	ND	1.74	100	ND	38.6	**No further action**
n-Hexane	110-54-3	ug/m3		1,800,000	180,000	NS	ND	0.705	ND	0.705	NS	ND	15.6	NS
o-Xylene	95-47-6	ug/m3		NS	NS	NS	1.27	0.869	0.943	0.869	NS	ND	19.2	NS
p/m-Xylene	179601-23-1	ug/m3		NS	NS	NS	4.43	1.74	3.24	1.74	NS	ND	38.5	NS

Table 4
Summary of Indoor Air and Sub-Slab Soil Vapor Results
19 Kensico Drive
Mount Kisco, New York

Compound	CAS Number	Units	Sample Type: / Location: / Sample Date:	OSHA Permisable Exposure Limit	ACGIH Threshold Limit Value	NYSDOH Decision Matrices Indoor Air Minimum Criteria	Indoor Air 19-IAQ-01 7/19/2022 Results	Indoor Air 19-IAQ-01 7/19/2022 RL	Indoor Air 19-IAQ-02 7/19/2022 Results	Indoor Air 19-IAQ-02 7/19/2022 RL	NYSDOH Decision Matrices Sub-Slab Soil Vapor Minimum Criteria	Sub-Slab Soil Vapor 19-SSVP-01 7/20/2022 Results	Sub-Slab Soil Vapor 19-SSVP-01 7/20/2022 RL	NYSDOH Decision Matrices Recommendation
Styrene	100-42-5	ug/m3		435,000	43,500	NS	5.92	0.852	8.77	0.852	NS	ND	18.9	NS
Tertiary butyl Alcohol	75-65-0	ug/m3		300,000	300,000	NS	ND	1.52	ND	1.52	NS	ND	33.6	NS
Tetrachloroethene	127-18-4	ug/m3		680,000	170,000	3	0.542	0.136	0.251	0.136	100	ND	30	**No further action**
Tetrahydrofuran	109-99-9	ug/m3		590,000	147,000	NS	ND	1.47	ND	1.47	NS	ND	32.7	NS
Toluene	108-88-3	ug/m3		740,000	74,000	NS	5.16	0.754	4.56	0.754	NS	ND	16.7	NS
trans-1,2-Dichloroethene	156-60-5	ug/m3		790,000	793,000	NS	ND	0.793	ND	0.793	NS	ND	17.6	NS
trans-1,3-Dichloropropene	10061-02-6	ug/m3		790,000	793,000	NS	ND	0.908	ND	0.908	NS	ND	20.1	NS
Trichloroethene	79-01-6	ug/m3		540,000	54,000	0.2	1.27	0.107	1.46	0.107	6	7790	23.8	**Mitigate**
Trichlorofluoromethane	75-69-4	ug/m3		5,600,000	5,600,000	NS	ND	1.12	ND	1.12	NS	ND	24.9	NS
Vinyl bromide	593-60-2	ug/m3		NS	NS	NS	ND	0.874	ND	0.874	NS	ND	19.4	NS
Vinyl chloride	75-01-4	ug/m3		2,560	2,600	0.2	ND	0.051	ND	0.051	6	ND	11.3	**No futher action**
Total Xylenes	1330-20-7	ug/m3		435,000	87,000	NS	5.7	2.609	4.183	2.609	NS	ND	57.7	NS

Notes:

ug/m3 - micrograms per meter cubed

0.973 Result exceeds minimum NYSDOH decision matrix criteria

RL - reporting limit

ND - not detected

NS - no standard for that compound

NYSDOH - New York State Department of Health

* - Ambient outdoor air sample not compared to criteria, but used to evaluate outdoor background.

- Although compound was not detected, reporting limit exceeds value at which monitoring is recommended.

NYSDOH Decision Matrix Criteria and Recommendations from the May 2017 update to the soil vapor/indoor air decision matrices.

OSHA - Occupational Safety and Health Adminstration

ACGIH - American Conference of Governmental Industrial Hygienists

ATTACHMENT 1
GPR SUMMARY

Job Summary

Job Date : 7/19/2022

Customer	ECS MID ATLANTIC LLC	**Phone Number**	(609) 605-7836

Billing Address	City	State	Zip
804 PROFESSIONAL PLACE W	CHESAPEAKE	VA	23320

Job Details

Jobsite Location	15 KENSICO DRIVE
City	MOUNT KISCO
State	NY

WA Number	369107
Job Num	
PO Num	

Lead Technician	CAMERON, KEVIN	**Phone**	347-461-6090	**Email**	kevin.cameron@gprsinc.com

Thank you for using GPRS on your project. We appreciate the opportunity to work with you. If you have questions regarding the results of this scanning, please contact the lead GPRS technician on this project.

EQUIPMENT USED

The following equipment was used on this project:

- Concrete Scanning GPR antenna. Typical depths achieved are up to 12-24 inches, depending on concrete conditions. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors.
- Underground Scanning GPR antenna. Typically capable of detecting objects up to 8' deep or more in ideal conditions but maximum effective depth can vary widely and depends on site and soil conditions. Depth penetration is most commonly limited by moisture and clay/conductive soils. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors.
- Electromagnetic Pipe and Cable Locator. Detects electromagnetic fields. Used to actively trace conductive pipes and tracer wires, or passively detect power and radio signals traveling along conductive pipes and utilities. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors.

Work Performed

Ground Penetrating Radar Systems performed the following work on this project:

Core Drill

The scope of work included scanning areas where holes are to be drilled through the concrete. The locations of reinforcing steel, beams, conduits, and other obstructions in the slab were marked on the surface and discussed with the site contact unless otherwise noted. Please note that scans cannot be collected within 1.5"-4" of surface obstructions depending on the type of antenna being used.

- A total of 6 hole locations were scanned.
- The slab was found to be approximately Varied inches thick.

Job Summary

Job Date : 7/19/2022

- The slab in one or more of the areas was found to be a cast-in-place rebar slab. GPRS marked the location of any rebar, conduits, beams, and other obstructions to drilling when possible unless otherwise noted. Areas where the bottom of the slab could not be seen were noted upon completion of the scanning and discussed with the site contact unless otherwise noted.
- 275 Kisco Ave – We will need 10 exterior proposed boring locations cleared and we will need concrete scanning completed inside the building only to clear 3 sub-slab vapor sampling locations.

  15 Kensico Drive – We will need 4 exterior proposed boring locations cleared and we will need 4 locations inside cleared. Additionally, we will need concrete scanning completed inside the building to clear 2 sub-slab vapor sampling locations (one location is in the vicinity of where the borings will be located).
- The effective depth of GPR will vary throughout a site depending on a variety of conditions such as roofing material, moisture content, amount of reinforcing steel, etc. At this site, the maximum effective GPR depth was approximately 6-12 inches.
- GPRS scanned several locations for core drilling using a Prosec Concrete Scanner and marked out rebar with black marker.

  One location was inside a car dealership with carpet, so painter's tape was put down and the rebar was marked out on top.

  No conduits were observed during the scanning with the Prosec, however during the passive scans performed with an EM locator, several conduit lines were marked because a consistent strong signal was detected. Either the conduits are located under rebar or under the slab, but should always be treated as if they are in the slab.

  Several locations were marked with only a box notifying a clear area due to the core drilling in the area only needed a small clear area as instructed by the site contact Alex.

Underground Utility

The scope of work included scanning the specified area to locate underground utilities. A tracer signal was sent along any accessible metallic utility or tracer wire, and the area was scanned with GPR to locate any additional targets. The locations of any detected utilities and anomalies were marked directly at the site with paint, flags, stakes, or other appropriate means, and results were reviewed with onsite personnel unless otherwise noted.

- The scope of work included scanning the areas around proposed soil borings. A radius of approximately 10' around each proposed soil boring was scanned unless otherwise noted. A total of 14 boring locations were scanned.
- 275 Kisco Ave – We will need 10 exterior proposed boring locations cleared and we will need concrete scanning completed inside the building only to clear 3 sub-slab vapor sampling locations.

  15 Kensico Drive – We will need 4 exterior proposed boring locations cleared and we will need 4 locations inside cleared. Additionally, we will need concrete scanning completed inside the building to clear 2 sub-slab vapor sampling locations (one location is in the vicinity of where the borings will be located).
- The effective depth of GPR will vary throughout a site depending on surface and soil conditions. In this area, the maximum effective GPR depth was approximately 6 feet.

Job Summary

Job Date : 7/19/2022

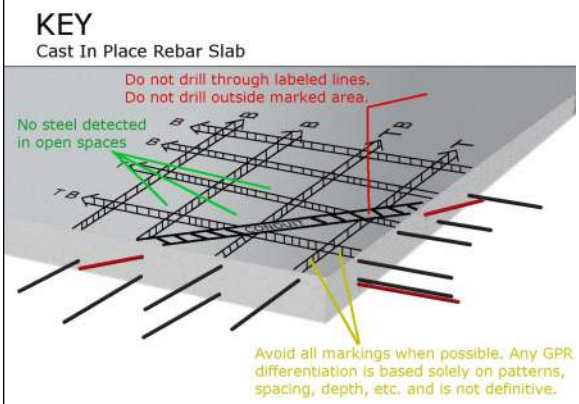
- GPRS was tasked with clearing 14 boring locations amongst two properties.

  GPRS performed passive sweeps at each boring using an EM locator as well a direct connection/clamp/dropped box to any site feature present that could intersect within the scope of each boring. EM locator was able to detect electrical lines (marked out in red), communication (orange), water (blue), and some unknown lines marked out in pink.

  GPRS also utilized a GPR at each boring, performing scans in a grid pattern and was able to identify additional unknown lines as well as verify some lines detected from the EM locator.

Pictures

Utility Limitations



Cast In Place Rebar Slab

TERMS & CONDITIONS

https://www.gp-radar.com/legal/terms-conditions?utm_source=jobsummary&utm_medium=referral

Job Summary

Job Date : 7/19/2022

SIGNATURE

Contact Name

Alex Smith (609) 605-7836 ASmith3@ecslimited.com

Job Summary

Job Date : 7/19/2022

///SUBSURFACE INVESTIGATION METHODOLOGY

POWERING THE INDUSTRY STANDARD///

Proper training, multiple technologies, and a field-tested methodology are the key to a successful utility locate, concrete scan, and video pipe inspection. GPRS is a master of all three components by utilizing the SIM Specification.

TRAINING

The industry standard recommends 8 hours as a minimum for training and 60 hours practicing GPR to become certified NDT Level I in Ground Penetrating Radar. In contrast, SIM requires 320 hours of mentorship in the field prior to 80 hours of classroom/hands-on training.

In addition, the classroom training reinforces what a technician learns in the field. This classroom setting also allows them to go deeper into the technical aspects and knowledge needed to perform their jobs at the highest level.

EQUIPMENT

Subsurface Investigation Methodology (SIM) requires multiple technologies to be used in an investigation. With any investigation, more data points yield the best outcome. When SIM qualified technicians locate a subsurface target such as a pipe, utility, or reinforcing with more than one technology, it confirms the accuracy of the locate. This redundancy also reduces the likelihood of missing a buried target. Redundant results bear more data points; by locating pipes and other targets with different methods utilizing each tool's strengths and weaknesses, technicians reduce the risk of missing key site information.

METHODOLOGY

The SIM specification is a tested process that allows technicians to acquire accurate and repeatable results. SIM is similar to a machine that requires multiple gears, all working in unison for it to function properly. One of the most critical gears and steps in the SIM process is the repeated methodology that technicians must know for each project.

A solid, repeatable methodology guarantees that a concrete scanning, utility locating, or video pipe inspection job can be performed by a seasoned professional but also by a new-to-the-business technician. When the SIM methodology is followed, it allows technicians to achieve the same results regardless of their experience in the field.

SIMSPEC.ORG

ATTACHMENT 2
SOIL PROBE LOGS

PROJECT NUMBER: 47:15048

LOG OF PROBE: 275-SB-01

PROJECT NAME AND LOCATION: Mt Kisco Subsurface Evaluation, 275 Kisco Ave, Mt Kisco, NY

Sheet 1 of 1

DRILLING RIG: Geoprobe	DATES DRILLED: 7/20/2022
BIT: 2-inch cutting shoe	TOTAL DEPTH: 12 feet
SAMPLER: Macrocore	BEDROCK DEPTH: Not encountered
DRILLER: Benner GeoServices, Inc.	GROUNDWATER DEPTH: 7.70 feet BTOC
HAMMER DATA: Not applicable	LOGGED BY: Vince Brinkmeyer

DEPTH (feet)	SOIL/ROCK DESCRIPTION	Sample Number	PID (ppm)	Env Sample	REMARKS
	0.0-0.5 feet: Asphalt				
1.0	0.5-5.5 feet: CLAY with pebbles and stone debris, dry [FILL]		0.0		
2.0		1	41.3		
3.0			501.5		
4.0			256.3	275-SB-01 (3-4 ft)	
5.0			36.1		Saturated at 5 feet
6.0	5.5-12.0 feet: Brown silty SAND, saturated	2	330.1		
7.0			6.6		
8.0					
9.0			5.6		
10.0		3			
11.0					
12.0			4.1		
13.0					End of boring at 09:45
14.0					Temporary well 275-TW-01 installed and sampled at 17:10
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

PROJECT NUMBER: 47:15048

LOG OF PROBE: 275-SB-02

PROJECT NAME AND LOCATION: Mt Kisco Subsurface Evaluation, 275 Kisco Ave, Mt Kisco, NY

Sheet 1 of 1

DRILLING RIG: Geoprobe	DATES DRILLED: 7/20/2022
BIT: 2-inch cutting shoe	TOTAL DEPTH: 12 feet
SAMPLER: Macrocore	BEDROCK DEPTH: Not encountered
DRILLER: Benner GeoServices, Inc.	GROUNDWATER DEPTH: 8.62 ft BTOC
HAMMER DATA: Not applicable	LOGGED BY: Vince Brinkmeyer

DEPTH (feet)	SOIL/ROCK DESCRIPTION	Sample Number	PID (ppm)	Env Sample	REMARKS
	0.0-0.5 feet: Asphalt				
1.0	0.5-12.0 feet: Brown silty SAND, dry		0.0		
2.0		1	0.0		
3.0			0.0		
4.0			0.0	275-SB-01 (3-5 ft)	
5.0			0.0		Saturated at 5 feet
6.0		2	0.0		
7.0			0.0		
8.0			0.0		
9.0			0.0		
10.0		3	0.0		
11.0			0.0		
12.0			0.0		
13.0					End of boring at 10:20
14.0					Temporary well 275-TW-02 installed and sampled at 17:20
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

PROJECT NUMBER: 47:15048

LOG OF PROBE: 275-SB-03

PROJECT NAME AND LOCATION: Mt Kisco Subsurface Evaluation, 275 Kisco Ave, Mt Kisco, NY

Sheet 1 of 1

DRILLING RIG: Geoprobe	DATES DRILLED: 7/20/2022
BIT: 2-inch cutting shoe	TOTAL DEPTH: 8 feet
SAMPLER: Macrocore	BEDROCK DEPTH: 8 feet bgs
DRILLER: Benner GeoServices, Inc.	GROUNDWATER DEPTH: Not encountered
HAMMER DATA: Not applicable	LOGGED BY: Vince Brinkmeyer

DEPTH (feet)	SOIL/ROCK DESCRIPTION	Sample Number	PID (ppm)	Env Sample	REMARKS
	0.0-0.5 feet: Asphalt				
1.0	0.5-5.0 feet: CLAY with pebble and stone debris, dry [FILL]		0.0		
2.0		1	0.0		
3.0			0.0		
4.0			0.0		
5.0			0.0	275-SB-03 (5-7 ft)	
6.0	5.0-8.0 feet: Brown silty SAND, moist	2	0.0		
7.0			0.0		Saturated at 7 feet
8.0			0.0		
9.0					End of boring at 10:50
10.0					Probe refusal at 8 feet on apparent bedrock
11.0					
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

PROJECT NUMBER: 47:15048

LOG OF PROBE: 275-SB-04

PROJECT NAME AND LOCATION: Mt Kisco Subsurface Evaluation, 275 Kisco Ave, Mt Kisco, NY

Sheet 1 of 1

DRILLING RIG: Geoprobe	DATES DRILLED: 7/20/2022
BIT: 2-inch cutting shoe	TOTAL DEPTH: 8 feet
SAMPLER: Macrocore	BEDROCK DEPTH: Not encountered
DRILLER: Benner GeoServices, Inc.	GROUNDWATER DEPTH: 4.40 ft BTOC
HAMMER DATA: Not applicable	LOGGED BY: Vince Brinkmeyer

DEPTH (feet)	SOIL/ROCK DESCRIPTION	Sample Number	PID (ppm)	Env Sample	REMARKS
	0.0-0.5 feet: Topsoil				
1.0	0.5-8.0 feet: Light brown silty SAND, dry		0.0		
2.0		1	0.0		
3.0			0.0		
4.0			0.0		Moist at 4 feet
5.0			0.0	275-SB-04 (4-6 ft)	
6.0		2	0.0		Saturated at 6 feet
7.0			0.0		
8.0			0.0		
9.0					End of boring at 11:10
10.0					Temporary well 275-TW-04 installed and sampled at 17:30
11.0					
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

PROJECT NUMBER: 47:15048

LOG OF PROBE: 275-SB-05

PROJECT NAME AND LOCATION: Mt Kisco Subsurface Evaluation, 275 Kisco Ave, Mt Kisco, NY

Sheet 1 of 1

DRILLING RIG: Geoprobe	DATES DRILLED: 7/20/2022
BIT: 2-inch cutting shoe	TOTAL DEPTH: 5 feet
SAMPLER: Macrocore	BEDROCK DEPTH: 5 ft bgs
DRILLER: Benner GeoServices, Inc.	GROUNDWATER DEPTH: Not encountered
HAMMER DATA: Not applicable	LOGGED BY: Vince Brinkmeyer

DEPTH (feet)	SOIL/ROCK DESCRIPTION	Sample Number	PID (ppm)	Env Sample	REMARKS
	0.0-0.5 feet: Asphalt				
1.0	0.5-5.0 feet: CLAY with pebbles and stone, dry [FILL]		0.0		
2.0		1	0.0		
3.0			0.0		
4.0			0.0	275-GP-05 (3-5 ft)	
5.0		2	0.0		
6.0					End of boring at 11:40 Probe refusal at 5 feet on apparent bedrock
7.0					
8.0					
9.0					
10.0					
11.0					
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

PROJECT NUMBER: 47:15048

LOG OF PROBE: 275-SB-06

PROJECT NAME AND LOCATION: Mt Kisco Subsurface Evaluation, 275 Kisco Ave, Mt Kisco, NY

Sheet 1 of 1

DRILLING RIG: Geoprobe	DATES DRILLED: 7/20/2022
BIT: 2-inch cutting shoe	TOTAL DEPTH: 15 feet
SAMPLER: Macrocore	BEDROCK DEPTH: 15 feet bgs
DRILLER: Benner GeoServices, Inc.	GROUNDWATER DEPTH: 12.02 ft BTOC
HAMMER DATA: Not applicable	LOGGED BY: Vince Brinkmeyer

DEPTH (feet)	SOIL/ROCK DESCRIPTION	Sample Number	PID (ppm)	Env Sample	REMARKS
	0.0-0.5 feet: Asphalt				
1.0	0.5-6.0 feet: Dark brown unconsolidated SAND with some orange streaking		0.0		
2.0		1	0.0		
3.0			0.0		
4.0			0.0		
5.0			0.0		
6.0	6.0-15.0 feet: Light tan unconsolidated SAND	2	0.0		
7.0			0.0		
8.0			0.0		
9.0			0.0		
10.0		3	0.0		
11.0			0.0	275-SB-06 (10-12 ft)	
12.0			0.0		Saturated at 12 feet
13.0			0.0		
14.0		4	0.0		
15.0			0.0		
16.0					End of boring at 12:00 Probe refusal at 15 feet on apparent bedrock
17.0					
18.0					Temporary well 275-TW-06 installed and sampled at 18:00
19.0					
20.0					

PROJECT NUMBER: 47:15048

LOG OF PROBE: 275-SB-07

PROJECT NAME AND LOCATION: Mt Kisco Subsurface Evaluation, 275 Kisco Ave, Mt Kisco, NY

Sheet 1 of 1

DRILLING RIG: Geoprobe	DATES DRILLED: 7/20/2022
BIT: 2-inch cutting shoe	TOTAL DEPTH: 16 feet
SAMPLER: Macrocore	BEDROCK DEPTH: Not encountered
DRILLER: Benner GeoServices, Inc.	GROUNDWATER DEPTH: Not encountered
HAMMER DATA: Not applicable	LOGGED BY: Vince Brinkmeyer

DEPTH (feet)	SOIL/ROCK DESCRIPTION	Sample Number	PID (ppm)	Env Sample	REMARKS
	0.0-0.5 feet: Topsoil				
1.0	0.5-3.5 feet: Brown fine silty SAND with some pebbles, dry		0.0		
2.0		1	0.0		4 inch asphalt layers at approximately 2 and 3 feet bgs
3.0			0.0		
4.0	3.5-12.0 feet: Brown silty SAND		0.0		
5.0			0.0		
6.0		2	0.0	275-SB-07 (5-7 ft)	
7.0			0.0		Saturated at 7 feet
8.0			0.0		
9.0			0.0		
10.0		3	0.0		
11.0			0.0		
12.0			0.0		
13.0					End of boring at 14:05
14.0					Temporary well 275-TW-07 installed and sampled at 16:35
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

PROJECT NUMBER: 47:15048

LOG OF PROBE: 275-SB-08

PROJECT NAME AND LOCATION: Mt Kisco Subsurface Evaluation, 275 Kisco Ave, Mt Kisco, NY

Sheet 1 of 1

DRILLING RIG: Geoprobe	DATES DRILLED: 7/20/2022
BIT: 2-inch cutting shoe	TOTAL DEPTH: 12 feet
SAMPLER: Macrocore	BEDROCK DEPTH: 12 ft bgs
DRILLER: Benner GeoServices, Inc.	GROUNDWATER DEPTH: 4.87 ft BTOC
HAMMER DATA: Not applicable	LOGGED BY: Vince Brinkmeyer

DEPTH (feet)	SOIL/ROCK DESCRIPTION	Sample Number	PID (ppm)	Env Sample	REMARKS
	0.0-0.5 feet: Asphalt				
1.0	0.5-1.5 feet: Crushed rock, stone, asphalt material [FILL]		0.0		
2.0	1.5-6.0 feet: Brown silty SAND, dry	1	0.0		
3.0			0.0		
4.0			0.0		
5.0			0.0		Saturated at 5 feet
6.0		2	0.0		Slight petroleum odor
	6.0-7.5 feet: Black stained silty SAND, wet			275-SB-08	from 6.0 to 7.5 feet
7.0			0.0	(6-7.5 ft)	
8.0	7.5-12.0 feet: Brown silty SAND, wet		0.0		
9.0			0.0		
10.0		3	0.0		
11.0			0.0		
12.0			0.0		
13.0					End of boring at 14:30
14.0					Probe refusal at 12 feet on apparent bedrock
15.0					Temporary well 275-TW-08 installed and sampled at 16:55
16.0					
17.0					
18.0					
19.0					
20.0					

PROJECT NUMBER: 47:15048

LOG OF PROBE: 19-SB-01

PROJECT NAME AND LOCATION: Mt Kisco Subsurface Evaluation, 19 Kenisco Drive, Mt Kisco, NY

Sheet 1 of 1

DRILLING RIG: Geoprobe	DATES DRILLED: 7/20/2022
BIT: 2-inch cutting shoe	TOTAL DEPTH: 8 feet
SAMPLER: Macrocore	BEDROCK DEPTH: Not encountered
DRILLER: Benner GeoServices, Inc.	GROUNDWATER DEPTH: 4.91 ft BTOC
HAMMER DATA: Not applicable	LOGGED BY: Vince Brinkmeyer

DEPTH (feet)	SOIL/ROCK DESCRIPTION	Sample Number	PID (ppm)	Env Sample	REMARKS
	0.0-0.5 feet: Asphalt				
1.0	0.5-3.0 feet: Rock, crushed stone, burnt debris [FILL]		0.0		
2.0		1	0.0		
3.0			0.0	19-SB-01 (3-5 ft)	
4.0	3.0-8.0 feet: Dark brown unconsolidated SAND, dry		0.0		
5.0			0.0		Saturated at 4.5 feet
6.0		2	0.0		
7.0			0.0		
8.0			0.0		
9.0					End of boring at 14:05
10.0					Temporary well 19-TW-01 installed and sampled at 08:30 on 7/21/2022
11.0					
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

PROJECT NUMBER: 47:15048

LOG OF PROBE: 19-SB-02

PROJECT NAME AND LOCATION: Mt Kisco Subsurface Evaluation, 19 Kenisco Drive, Mt Kisco, NY

Sheet 1 of 1

DRILLING RIG: Geoprobe	DATES DRILLED: 7/20/2022
BIT: 2-inch cutting shoe	TOTAL DEPTH: 10 feet
SAMPLER: Macrocore	BEDROCK DEPTH: Not encountered
DRILLER: Benner GeoServices, Inc.	GROUNDWATER DEPTH: 5.45 ft BTOC
HAMMER DATA: Not applicable	LOGGED BY: Vince Brinkmeyer

DEPTH (feet)	SOIL/ROCK DESCRIPTION	Sample Number	PID (ppm)	Env Sample	REMARKS
	0.0-0.5 feet: Asphalt				
1.0	0.6-1.5 feet: Crushed rock, SAND, pebbles [FILL]		0.0		
2.0	1.5-10.0 feet: Dark gray silty SAND, dry	1	0.0		
3.0			0.0	19-SB-02 (2-4 ft)	
4.0			0.0		Saturated at 4 feet
5.0			0.0		
6.0		2	0.0		
7.0			0.0		
8.0			0.0		
9.0			0.0		
10.0		3	0.0		
11.0					End of boring at 15:30
12.0					Temporary well 19-TW-02 installed and sampled at 08:15 on 7/21/2022
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

ATTACHMENT 3
LABORATORY ANALYTICAL REPORT

ANALYTICAL REPORT

Lab Number:	L2239100
Client:	ECS MID ATLANTIC, LLC 52-6 Grumbacher Road York, PA 17406
ATTN:	Kay Linnell
Phone:	(717) 767-4788
Project Name:	275 KISCO & 19 KENSICO
Project Number:	15048
Report Date:	07/28/22

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: 275 KISCO & 19 KENSICO
Project Number: 15048

Lab Number: L2239100
Report Date: 07/28/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2239100-01	275-SB-01	SOIL	275 KISCO & 19 KENSICO, NY	07/20/22 09:45	07/21/22
L2239100-02	275-SB-02	SOIL	275 KISCO & 19 KENSICO, NY	07/20/22 10:20	07/21/22
L2239100-03	275-SB-03	SOIL	275 KISCO & 19 KENSICO, NY	07/20/22 10:50	07/21/22
L2239100-04	275-SB-04	SOIL	275 KISCO & 19 KENSICO, NY	07/20/22 11:10	07/21/22
L2239100-05	275-SB-05	SOIL	275 KISCO & 19 KENSICO, NY	07/20/22 11:40	07/21/22
L2239100-06	275-SB-06	SOIL	275 KISCO & 19 KENSICO, NY	07/20/22 12:15	07/21/22
L2239100-07	275-SB-07	SOIL	275 KISCO & 19 KENSICO, NY	07/20/22 14:05	07/21/22
L2239100-08	275-SB-08	SOIL	275 KISCO & 19 KENSICO, NY	07/20/22 14:30	07/21/22
L2239100-09	19-SB-01	SOIL	275 KISCO & 19 KENSICO, NY	07/20/22 15:10	07/21/22
L2239100-10	19-SB-02	SOIL	275 KISCO & 19 KENSICO, NY	07/20/22 15:30	07/21/22
L2239100-11	275-TW-01	WATER	275 KISCO & 19 KENSICO, NY	07/20/22 17:10	07/21/22
L2239100-12	275-TW-02	WATER	275 KISCO & 19 KENSICO, NY	07/20/22 17:20	07/21/22
L2239100-13	275-TW-04	WATER	275 KISCO & 19 KENSICO, NY	07/20/22 17:30	07/21/22
L2239100-14	275-TW-06	WATER	275 KISCO & 19 KENSICO, NY	07/20/22 18:00	07/21/22
L2239100-15	275-TW-07	WATER	275 KISCO & 19 KENSICO, NY	07/20/22 16:35	07/21/22
L2239100-16	275-TW-08	WATER	275 KISCO & 19 KENSICO, NY	07/20/22 16:55	07/21/22
L2239100-17	19-TW-01	WATER	275 KISCO & 19 KENSICO, NY	07/21/22 08:30	07/21/22
L2239100-18	19-TW-02	WATER	275 KISCO & 19 KENSICO, NY	07/21/22 08:15	07/21/22

Project Name:	275 KISCO & 19 KENSICO	**Lab Number:**	L2239100
Project Number:	15048	**Report Date:**	07/28/22

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:	275 KISCO & 19 KENSICO	**Lab Number:**	L2239100
Project Number:	15048	**Report Date:**	07/28/22

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

L2239100-11 through -18: Sample containers for the Microextractables by Method 8011 analysis were received, but were not listed on the chain of custody. At the client's request, the analysis was not performed.
L2239100-18: Headspace was noted in the sample containers submitted for Volatile Organics. The analysis was performed at the client's request.

Volatile Organics

L2239100-11, -12, -13D, -15, -16, and -18: The pH was greater than two; however, the sample was analyzed within the method required holding time.

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: 07/28/22

ORGANICS

VOLATILES

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-01 Date Collected: 07/20/22 09:45
Client ID: 275-SB-01 Date Received: 07/21/22
Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/22/22 21:16
Analyst: AJK
Percent Solids: 86%

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	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	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	0.31	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	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-01 Date Collected: 07/20/22 09:45

Client ID: 275-SB-01 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	1.0		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	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.23	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	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	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	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	0.22	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	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	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-01 Date Collected: 07/20/22 09:45

Client ID: 275-SB-01 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, 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	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.38	1
1,4-Dioxane	ND		ug/kg	90	40.	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	0.22	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Project Name: 275 KISCO & 19 KENSICO
Lab Number: L2239100
Project Number: 15048
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-02
Client ID: 275-SB-02
Sample Location: 275 KISCO & 19 KENSICO, NY
Date Collected: 07/20/22 10:20
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/22/22 21:37
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	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	0.62	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: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-02 Date Collected: 07/20/22 10:20

Client ID: 275-SB-02 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.34	J	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	0.98	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: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-02 Date Collected: 07/20/22 10:20

Client ID: 275-SB-02 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, 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	0.18	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	98		70-130

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-03 Date Collected: 07/20/22 10:50
Client ID: 275-SB-03 Date Received: 07/21/22
Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/22/22 21:58
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	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-03 Date Collected: 07/20/22 10:50

Client ID: 275-SB-03 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	1.1		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
Xylenes, Total	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.13	1
Dibromomethane	ND		ug/kg	2.0	0.23	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.89	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	ND		ug/kg	9.8	2.2	1
Vinyl acetate	ND		ug/kg	9.8	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
Naphthalene	ND		ug/kg	3.9	0.64	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-03 Date Collected: 07/20/22 10:50

Client ID: 275-SB-03 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, 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	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	99		70-130

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-04 Date Collected: 07/20/22 11:10
Client ID: 275-SB-04 Date Received: 07/21/22
Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/22/22 22:19
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	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	0.34	J	ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.1	0.47	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: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-04 Date Collected: 07/20/22 11:10

Client ID: 275-SB-04 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.50	J	ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	7.6	J	ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-04 Date Collected: 07/20/22 11:10

Client ID: 275-SB-04 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	99		70-130

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-05 Date Collected: 07/20/22 11:40
Client ID: 275-SB-05 Date Received: 07/21/22
Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/22/22 22:40
Analyst: AJK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.9	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	1.6		ug/kg	0.69	0.27	1
Chlorobenzene	ND		ug/kg	0.69	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.96	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.69	0.23	1
Bromodichloromethane	ND		ug/kg	0.69	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.69	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.69	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.69	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.69	0.23	1
Benzene	ND		ug/kg	0.69	0.23	1
Toluene	ND		ug/kg	1.4	0.75	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.8	0.80	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.8	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-05 Date Collected: 07/20/22 11:40

Client ID: 275-SB-05 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	2.7		ug/kg	0.69	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.77	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.33	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	22		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.3	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.69	0.18	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
o-Chlorotoluene	ND		ug/kg	2.8	0.26	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	3.2	J	ug/kg	5.5	0.89	1
Acrylonitrile	ND		ug/kg	5.5	1.6	1

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-05 Date Collected: 07/20/22 11:40

Client ID: 275-SB-05 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, 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	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.37	1
1,3,5-Trimethylbenzene	0.74	J	ug/kg	2.8	0.26	1
1,2,4-Trimethylbenzene	1.4	J	ug/kg	2.8	0.46	1
1,4-Dioxane	ND		ug/kg	110	48.	1
p-Diethylbenzene	0.52	J	ug/kg	2.8	0.24	1
p-Ethyltoluene	0.72	J	ug/kg	2.8	0.53	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.26	1
Ethyl ether	ND		ug/kg	2.8	0.47	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.9	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	103		70-130

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-06 Date Collected: 07/20/22 12:15
Client ID: 275-SB-06 Date Received: 07/21/22
Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/22/22 23:01
Analyst: AJK
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	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	0.31	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-06 Date Collected: 07/20/22 12:15

Client ID: 275-SB-06 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-06 Date Collected: 07/20/22 12:15

Client ID: 275-SB-06 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	103		70-130

Project Name: 275 KISCO & 19 KENSICO
Lab Number: L2239100
Project Number: 15048
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-07
Client ID: 275-SB-07
Sample Location: 275 KISCO & 19 KENSICO, NY
Date Collected: 07/20/22 14:05
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/22/22 23:22
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	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	0.41	J	ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	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	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	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: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-07 Date Collected: 07/20/22 14:05

Client ID: 275-SB-07 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	1.9		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	0.52	J	ug/kg	1.0	0.17	1
1,2-Dichloroethene, Total	0.52	J	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	0.91	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.1	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	0.20	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	ND		ug/kg	1.0	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-07 Date Collected: 07/20/22 14:05

Client ID: 275-SB-07 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, 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	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-08 Date Collected: 07/20/22 14:30
Client ID: 275-SB-08 Date Received: 07/21/22
Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/22/22 23:43
Analyst: AJK
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.5	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-08 Date Collected: 07/20/22 14:30

Client ID: 275-SB-08 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, 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	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	110		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	15		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.17	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.21	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.82	1
Acrylonitrile	ND		ug/kg	5.1	1.4	1

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-08 Date Collected: 07/20/22 14:30

Client ID: 275-SB-08 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-09 Date Collected: 07/20/22 15:10
Client ID: 19-SB-01 Date Received: 07/21/22
Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/23/22 00:03
Analyst: AJK
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-09 Date Collected: 07/20/22 15:10

Client ID: 19-SB-01 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	5.9	J	ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.79	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-09 Date Collected: 07/20/22 15:10

Client ID: 19-SB-01 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	97	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	97		70-130

Project Name: 275 KISCO & 19 KENSICO
Lab Number: L2239100
Project Number: 15048
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-10
Client ID: 19-SB-02
Sample Location: 275 KISCO & 19 KENSICO, NY
Date Collected: 07/20/22 15:30
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/23/22 00:24
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	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: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-10 Date Collected: 07/20/22 15:30

Client ID: 19-SB-02 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, 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	0.51	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	0.40	J	ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	0.40	J	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	14		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	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	0.28	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	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-10 Date Collected: 07/20/22 15:30

Client ID: 19-SB-02 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, 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	0.33	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	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	0.19	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-11 Date Collected: 07/20/22 17:10
Client ID: 275-TW-01 Date Received: 07/21/22
Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/27/22 12:39
Analyst: MM

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: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-11 Date Collected: 07/20/22 17:10

Client ID: 275-TW-01 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.93		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	38		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	40		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: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-11 Date Collected: 07/20/22 17:10

Client ID: 275-TW-01 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-12 Date Collected: 07/20/22 17:20
Client ID: 275-TW-02 Date Received: 07/21/22
Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/27/22 13:32
Analyst: MM

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: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-12 Date Collected: 07/20/22 17:20

Client ID: 275-TW-02 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.2		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	1.6	J	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: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-12 Date Collected: 07/20/22 17:20

Client ID: 275-TW-02 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-13 D
Client ID: 275-TW-04
Sample Location: 275 KISCO & 19 KENSICO, NY

Date Collected: 07/20/22 17:30
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/27/22 13:59
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	250	70.	100
1,1-Dichloroethane	ND		ug/l	250	70.	100
Chloroform	ND		ug/l	250	70.	100
Carbon tetrachloride	ND		ug/l	50	13.	100
1,2-Dichloropropane	ND		ug/l	100	14.	100
Dibromochloromethane	ND		ug/l	50	15.	100
1,1,2-Trichloroethane	ND		ug/l	150	50.	100
Tetrachloroethene	ND		ug/l	50	18.	100
Chlorobenzene	ND		ug/l	250	70.	100
Trichlorofluoromethane	ND		ug/l	250	70.	100
1,2-Dichloroethane	ND		ug/l	50	13.	100
1,1,1-Trichloroethane	ND		ug/l	250	70.	100
Bromodichloromethane	ND		ug/l	50	19.	100
trans-1,3-Dichloropropene	ND		ug/l	50	16.	100
cis-1,3-Dichloropropene	ND		ug/l	50	14.	100
1,3-Dichloropropene, Total	ND		ug/l	50	14.	100
1,1-Dichloropropene	ND		ug/l	250	70.	100
Bromoform	ND		ug/l	200	65.	100
1,1,2,2-Tetrachloroethane	ND		ug/l	50	17.	100
Benzene	ND		ug/l	50	16.	100
Toluene	ND		ug/l	250	70.	100
Ethylbenzene	ND		ug/l	250	70.	100
Chloromethane	ND		ug/l	250	70.	100
Bromomethane	ND		ug/l	250	70.	100
Vinyl chloride	ND		ug/l	100	7.1	100
Chloroethane	ND		ug/l	250	70.	100
1,1-Dichloroethene	ND		ug/l	50	17.	100
trans-1,2-Dichloroethene	ND		ug/l	250	70.	100

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-13 D Date Collected: 07/20/22 17:30

Client ID: 275-TW-04 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	9500		ug/l	50	18.	100
1,2-Dichlorobenzene	ND		ug/l	250	70.	100
1,3-Dichlorobenzene	ND		ug/l	250	70.	100
1,4-Dichlorobenzene	ND		ug/l	250	70.	100
Methyl tert butyl ether	ND		ug/l	250	70.	100
p/m-Xylene	ND		ug/l	250	70.	100
o-Xylene	ND		ug/l	250	70.	100
Xylenes, Total	ND		ug/l	250	70.	100
cis-1,2-Dichloroethene	ND		ug/l	250	70.	100
1,2-Dichloroethene, Total	ND		ug/l	250	70.	100
Dibromomethane	ND		ug/l	500	100	100
1,2,3-Trichloropropane	ND		ug/l	250	70.	100
Acrylonitrile	ND		ug/l	500	150	100
Styrene	ND		ug/l	250	70.	100
Dichlorodifluoromethane	ND		ug/l	500	100	100
Acetone	ND		ug/l	500	150	100
Carbon disulfide	ND		ug/l	500	100	100
2-Butanone	ND		ug/l	500	190	100
Vinyl acetate	ND		ug/l	500	100	100
4-Methyl-2-pentanone	ND		ug/l	500	100	100
2-Hexanone	ND		ug/l	500	100	100
Bromochloromethane	ND		ug/l	250	70.	100
2,2-Dichloropropane	ND		ug/l	250	70.	100
1,2-Dibromoethane	ND		ug/l	200	65.	100
1,3-Dichloropropane	ND		ug/l	250	70.	100
1,1,1,2-Tetrachloroethane	ND		ug/l	250	70.	100
Bromobenzene	ND		ug/l	250	70.	100
n-Butylbenzene	ND		ug/l	250	70.	100
sec-Butylbenzene	ND		ug/l	250	70.	100
tert-Butylbenzene	ND		ug/l	250	70.	100
o-Chlorotoluene	ND		ug/l	250	70.	100
p-Chlorotoluene	ND		ug/l	250	70.	100
1,2-Dibromo-3-chloropropane	ND		ug/l	250	70.	100
Hexachlorobutadiene	ND		ug/l	250	70.	100
Isopropylbenzene	ND		ug/l	250	70.	100
p-Isopropyltoluene	ND		ug/l	250	70.	100
Naphthalene	ND		ug/l	250	70.	100

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-13 D Date Collected: 07/20/22 17:30

Client ID: 275-TW-04 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	250	70.	100
1,2,3-Trichlorobenzene	ND		ug/l	250	70.	100
1,2,4-Trichlorobenzene	ND		ug/l	250	70.	100
1,3,5-Trimethylbenzene	ND		ug/l	250	70.	100
1,2,4-Trimethylbenzene	ND		ug/l	250	70.	100
1,4-Dioxane	ND		ug/l	25000	6100	100
p-Diethylbenzene	ND		ug/l	200	70.	100
p-Ethyltoluene	ND		ug/l	200	70.	100
1,2,4,5-Tetramethylbenzene	ND		ug/l	200	54.	100
Ethyl ether	ND		ug/l	250	70.	100
trans-1,4-Dichloro-2-butene	ND		ug/l	250	70.	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	102		70-130

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-14 Date Collected: 07/20/22 18:00
Client ID: 275-TW-06 Date Received: 07/21/22
Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/27/22 10:52
Analyst: MM

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: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-14 Date Collected: 07/20/22 18:00

Client ID: 275-TW-06 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	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	2.2	J	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: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-14 Date Collected: 07/20/22 18:00

Client ID: 275-TW-06 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-15 Date Collected: 07/20/22 16:35
Client ID: 275-TW-07 Date Received: 07/21/22
Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/27/22 13:06
Analyst: MM

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	0.25	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: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-15 Date Collected: 07/20/22 16:35

Client ID: 275-TW-07 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	3.5		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	0.91	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	0.91	J	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	10		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	2.4	J	ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-15 Date Collected: 07/20/22 16:35

Client ID: 275-TW-07 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	104		70-130

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-16 Date Collected: 07/20/22 16:55
Client ID: 275-TW-08 Date Received: 07/21/22
Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/27/22 11:46
Analyst: MM

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: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-16 Date Collected: 07/20/22 16:55

Client ID: 275-TW-08 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	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	9.1		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	2.0	J	ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	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: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-16 Date Collected: 07/20/22 16:55

Client ID: 275-TW-08 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Project Name: 275 KISCO & 19 KENSICO
Lab Number: L2239100
Project Number: 15048
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-17
Client ID: 19-TW-01
Sample Location: 275 KISCO & 19 KENSICO, NY
Date Collected: 07/21/22 08:30
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/27/22 12:12
Analyst: MM

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: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-17 Date Collected: 07/21/22 08:30

Client ID: 19-TW-01 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.80		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: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-17 Date Collected: 07/21/22 08:30

Client ID: 19-TW-01 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: 275 KISCO & 19 KENSICO
Lab Number: L2239100
Project Number: 15048
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-18
Client ID: 19-TW-02
Sample Location: 275 KISCO & 19 KENSICO, NY
Date Collected: 07/21/22 08:15
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/27/22 11:19
Analyst: MM

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	1.1		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	0.30	J	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	14		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	1.6		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-18 Date Collected: 07/21/22 08:15

Client ID: 19-TW-02 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	100		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	22		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	22		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	4.5	J	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: 275 KISCO & 19 KENSICO **Lab Number:** L2239100

Project Number: 15048 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-18 Date Collected: 07/21/22 08:15

Client ID: 19-TW-02 Date Received: 07/21/22

Sample Location: 275 KISCO & 19 KENSICO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/22 19:30
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG1667052-5					
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: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/22 19:30
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG1667052-5					
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	8.2	J	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: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/22 19:30
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG1667052-5					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	105		70-130

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/22 05:32
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-18 Batch: WG1668324-5					
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: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/22 05:32
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-18 Batch: WG1668324-5					
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: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/22 05:32
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-18 Batch: WG1668324-5					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1667052-3 WG1667052-4								
Methylene chloride	101		106		70-130	5		30
1,1-Dichloroethane	97		100		70-130	3		30
Chloroform	96		102		70-130	6		30
Carbon tetrachloride	88		90		70-130	2		30
1,2-Dichloropropane	100		104		70-130	4		30
Dibromochloromethane	93		94		70-130	1		30
1,1,2-Trichloroethane	101		99		70-130	2		30
Tetrachloroethene	94		95		70-130	1		30
Chlorobenzene	96		96		70-130	0		30
Trichlorofluoromethane	102		107		70-139	5		30
1,2-Dichloroethane	100		104		70-130	4		30
1,1,1-Trichloroethane	95		97		70-130	2		30
Bromodichloromethane	94		98		70-130	4		30
trans-1,3-Dichloropropene	96		96		70-130	0		30
cis-1,3-Dichloropropene	96		98		70-130	2		30
1,1-Dichloropropene	100		100		70-130	0		30
Bromoform	85		86		70-130	1		30
1,1,2,2-Tetrachloroethane	87		80		70-130	8		30
Benzene	97		100		70-130	3		30
Toluene	92		93		70-130	1		30
Ethylbenzene	97		97		70-130	0		30
Chloromethane	92		100		52-130	8		30
Bromomethane	122		116		57-147	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 KISCO & 19 KENSICO

Project Number: 15048

Lab Number: L2239100

Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1667052-3 WG1667052-4								
Vinyl chloride	96		100		67-130	4		30
Chloroethane	116		108		50-151	7		30
1,1-Dichloroethene	100		106		65-135	6		30
trans-1,2-Dichloroethene	94		97		70-130	3		30
Trichloroethene	106		118		70-130	11		30
1,2-Dichlorobenzene	97		96		70-130	1		30
1,3-Dichlorobenzene	97		96		70-130	1		30
1,4-Dichlorobenzene	95		94		70-130	1		30
Methyl tert butyl ether	93		94		66-130	1		30
p/m-Xylene	98		97		70-130	1		30
o-Xylene	96		96		70-130	0		30
cis-1,2-Dichloroethene	93		97		70-130	4		30
Dibromomethane	95		98		70-130	3		30
Styrene	97		98		70-130	1		30
Dichlorodifluoromethane	83		86		30-146	4		30
Acetone	106		117		54-140	10		30
Carbon disulfide	101		108		59-130	7		30
2-Butanone	99		100		70-130	1		30
Vinyl acetate	**69**	Q	**55**	Q	70-130	23		30
4-Methyl-2-pentanone	96		95		70-130	1		30
1,2,3-Trichloropropane	97		96		68-130	1		30
2-Hexanone	100		99		70-130	1		30
Bromochloromethane	95		97		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1667052-3 WG1667052-4								
2,2-Dichloropropane	90		93		70-130	3		30
1,2-Dibromoethane	98		98		70-130	0		30
1,3-Dichloropropane	99		100		69-130	1		30
1,1,1,2-Tetrachloroethane	94		96		70-130	2		30
Bromobenzene	94		94		70-130	0		30
n-Butylbenzene	101		100		70-130	1		30
sec-Butylbenzene	98		98		70-130	0		30
tert-Butylbenzene	95		95		70-130	0		30
o-Chlorotoluene	114		114		70-130	0		30
p-Chlorotoluene	99		98		70-130	1		30
1,2-Dibromo-3-chloropropane	84		84		68-130	0		30
Hexachlorobutadiene	91		90		67-130	1		30
Isopropylbenzene	96		96		70-130	0		30
p-Isopropyltoluene	99		98		70-130	1		30
Naphthalene	95		96		70-130	1		30
Acrylonitrile	94		102		70-130	8		30
n-Propylbenzene	99		100		70-130	1		30
1,2,3-Trichlorobenzene	92		94		70-130	2		30
1,2,4-Trichlorobenzene	95		94		70-130	1		30
1,3,5-Trimethylbenzene	98		98		70-130	0		30
1,2,4-Trimethylbenzene	99		98		70-130	1		30
1,4-Dioxane	97		101		65-136	4		30
p-Diethylbenzene	96		96		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1667052-3 WG1667052-4								
p-Ethyltoluene	98		98		70-130	0		30
1,2,4,5-Tetramethylbenzene	98		96		70-130	2		30
Ethyl ether	108		106		67-130	2		30
trans-1,4-Dichloro-2-butene	97		98		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		104		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	95		94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-18 Batch: WG1668324-3 WG1668324-4								
Methylene chloride	94		96		70-130	2		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	98		100		70-130	2		20
Carbon tetrachloride	99		100		63-132	1		20
1,2-Dichloropropane	97		98		70-130	1		20
Dibromochloromethane	97		96		63-130	1		20
1,1,2-Trichloroethane	98		94		70-130	4		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	97		96		75-130	1		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	96		96		70-130	0		20
1,1,1-Trichloroethane	98		100		67-130	2		20
Bromodichloromethane	95		94		67-130	1		20
trans-1,3-Dichloropropene	94		91		70-130	3		20
cis-1,3-Dichloropropene	97		99		70-130	2		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	94		92		54-136	2		20
1,1,2,2-Tetrachloroethane	93		90		67-130	3		20
Benzene	100		100		70-130	0		20
Toluene	97		96		70-130	1		20
Ethylbenzene	97		97		70-130	0		20
Chloromethane	95		95		64-130	0		20
Bromomethane	130		130		39-139	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-18 Batch: WG1668324-3 WG1668324-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	98		100		70-130	2		20
1,2-Dichlorobenzene	94		94		70-130	0		20
1,3-Dichlorobenzene	95		96		70-130	1		20
1,4-Dichlorobenzene	94		96		70-130	2		20
Methyl tert butyl ether	95		96		63-130	1		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	90		94		70-130	4		20
1,2,3-Trichloropropane	90		87		64-130	3		20
Acrylonitrile	96		97		70-130	1		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	98		95		36-147	3		20
Acetone	100		100		58-148	0		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	96		95		63-138	1		20
Vinyl acetate	120		120		70-130	0		20
4-Methyl-2-pentanone	88		85		59-130	3		20
2-Hexanone	91		91		57-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 275 KISCO & 19 KENSICO

Project Number: 15048

Lab Number: L2239100

Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-18 Batch: WG1668324-3 WG1668324-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	93		92		70-130	1		20
1,3-Dichloropropane	94		92		70-130	2		20
1,1,1,2-Tetrachloroethane	99		98		64-130	1		20
Bromobenzene	93		93		70-130	0		20
n-Butylbenzene	97		97		53-136	0		20
sec-Butylbenzene	96		97		70-130	1		20
tert-Butylbenzene	93		95		70-130	2		20
o-Chlorotoluene	93		94		70-130	1		20
p-Chlorotoluene	92		92		70-130	0		20
1,2-Dibromo-3-chloropropane	90		90		41-144	0		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	93		95		70-130	2		20
p-Isopropyltoluene	98		99		70-130	1		20
Naphthalene	88		89		70-130	1		20
n-Propylbenzene	97		97		69-130	0		20
1,2,3-Trichlorobenzene	93		92		70-130	1		20
1,2,4-Trichlorobenzene	97		98		70-130	1		20
1,3,5-Trimethylbenzene	95		95		64-130	0		20
1,2,4-Trimethylbenzene	95		94		70-130	1		20
1,4-Dioxane	96		96		56-162	0		20
p-Diethylbenzene	96		94		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 275 KISCO & 19 KENSICO

Project Number: 15048

Lab Number: L2239100

Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-18 Batch: WG1668324-3 WG1668324-4								
p-Ethyltoluene	96		97		70-130	1		20
1,2,4,5-Tetramethylbenzene	91		91		70-130	0		20
Ethyl ether	99		97		59-134	2		20
trans-1,4-Dichloro-2-butene	90		91		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		100		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	91		94		70-130
Dibromofluoromethane	99		102		70-130

INORGANICS
&
MISCELLANEOUS

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-01
Client ID: 275-SB-01
Sample Location: 275 KISCO & 19 KENSICO, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/20/22 09:45
Date Received: 07/21/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	07/22/22 08:39	121,2540G	RI

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-02
Client ID: 275-SB-02
Sample Location: 275 KISCO & 19 KENSICO, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/20/22 10:20
Date Received: 07/21/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.5		%	0.100	NA	1	-	07/22/22 08:39	121,2540G	RI

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-03
Client ID: 275-SB-03
Sample Location: 275 KISCO & 19 KENSICO, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/20/22 10:50
Date Received: 07/21/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	07/22/22 08:39	121,2540G	RI

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-04
Client ID: 275-SB-04
Sample Location: 275 KISCO & 19 KENSICO, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/20/22 11:10
Date Received: 07/21/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	07/22/22 08:39	121,2540G	RI

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-05
Client ID: 275-SB-05
Sample Location: 275 KISCO & 19 KENSICO, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/20/22 11:40
Date Received: 07/21/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	07/22/22 08:39	121,2540G	RI

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-06
Client ID: 275-SB-06
Sample Location: 275 KISCO & 19 KENSICO, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/20/22 12:15
Date Received: 07/21/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.8		%	0.100	NA	1	-	07/22/22 08:39	121,2540G	RI

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-07
Client ID: 275-SB-07
Sample Location: 275 KISCO & 19 KENSICO, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/20/22 14:05
Date Received: 07/21/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	07/22/22 08:39	121,2540G	RI

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-08
Client ID: 275-SB-08
Sample Location: 275 KISCO & 19 KENSICO, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/20/22 14:30
Date Received: 07/21/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.5		%	0.100	NA	1	-	07/22/22 08:39	121,2540G	RI

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-09
Client ID: 19-SB-01
Sample Location: 275 KISCO & 19 KENSICO, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/20/22 15:10
Date Received: 07/21/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.0		%	0.100	NA	1	-	07/22/22 08:39	121,2540G	RI

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048
Lab Number: L2239100
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239100-10
Client ID: 19-SB-02
Sample Location: 275 KISCO & 19 KENSICO, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/20/22 15:30
Date Received: 07/21/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	07/22/22 08:39	121,2540G	RI

Lab Duplicate Analysis
Batch Quality Control

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048

Lab Number: L2239100
Report Date: 07/28/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1666043-1 QC Sample: L2239100-01 Client ID: 275-SB-01						
Solids, Total	85.6	87.3	%	2		20

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048

Lab Number: L2239100
Report Date: 07/28/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent
E	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2239100-01A	Vial MeOH preserved	D	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2239100-01B	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-01C	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-01D	Plastic 120ml unpreserved	D	NA		2.6	Y	Absent		TS(7)
L2239100-02A	Vial MeOH preserved	D	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2239100-02B	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-02C	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-02D	Plastic 120ml unpreserved	D	NA		2.6	Y	Absent		TS(7)
L2239100-03A	Vial MeOH preserved	D	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2239100-03B	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-03C	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-03D	Plastic 120ml unpreserved	D	NA		2.6	Y	Absent		TS(7)
L2239100-04A	Vial MeOH preserved	D	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2239100-04B	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-04C	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-04D	Plastic 120ml unpreserved	D	NA		2.6	Y	Absent		TS(7)
L2239100-05A	Vial MeOH preserved	D	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2239100-05B	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-05C	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	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(*)
L2239100-05D	Plastic 120ml unpreserved	D	NA		2.6	Y	Absent		TS(7)
L2239100-06A	Vial MeOH preserved	D	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2239100-06B	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-06C	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-06D	Plastic 120ml unpreserved	D	NA		2.6	Y	Absent		TS(7)
L2239100-07A	Vial MeOH preserved	D	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2239100-07B	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-07C	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-07D	Plastic 120ml unpreserved	D	NA		2.6	Y	Absent		TS(7)
L2239100-08A	Vial MeOH preserved	D	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2239100-08B	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-08C	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-08D	Plastic 120ml unpreserved	D	NA		2.6	Y	Absent		TS(7)
L2239100-09A	Vial MeOH preserved	B	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2239100-09B	Vial water preserved	B	NA		2.5	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-09C	Vial water preserved	B	NA		2.5	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-09D	Plastic 120ml unpreserved	B	NA		2.5	Y	Absent		TS(7)
L2239100-10A	Vial MeOH preserved	D	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2239100-10B	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-10C	Vial water preserved	D	NA		2.6	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239100-10D	Plastic 120ml unpreserved	D	NA		2.6	Y	Absent		TS(7)
L2239100-11A	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)
L2239100-11B	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)
L2239100-11C	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)
L2239100-11D	Vial Na2S2O3 preserved	C	N/A	N/A	4.2	Y	Absent		ARCHIVE()
L2239100-11E	Vial Na2S2O3 preserved	C	N/A	N/A	4.2	Y	Absent		ARCHIVE()
L2239100-12A	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)
L2239100-12B	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048

Lab Number: L2239100
Report Date: 07/28/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2239100-12C	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)
L2239100-12D	Vial Na2S2O3 preserved	C	N/A	N/A	4.2	Y	Absent		ARCHIVE()
L2239100-12E	Vial Na2S2O3 preserved	C	N/A	N/A	4.2	Y	Absent		ARCHIVE()
L2239100-13A	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)
L2239100-13B	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)
L2239100-13C	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)
L2239100-13D	Vial Na2S2O3 preserved	C	N/A	N/A	4.2	Y	Absent		ARCHIVE()
L2239100-13E	Vial Na2S2O3 preserved	C	N/A	N/A	4.2	Y	Absent		ARCHIVE()
L2239100-14A	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)
L2239100-14B	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)
L2239100-14C	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)
L2239100-14D	Vial Na2S2O3 preserved	C	N/A	N/A	4.2	Y	Absent		ARCHIVE()
L2239100-14E	Vial Na2S2O3 preserved	C	N/A	N/A	4.2	Y	Absent		ARCHIVE()
L2239100-15A	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)
L2239100-15B	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)
L2239100-15C	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)
L2239100-15D	Vial Na2S2O3 preserved	C	N/A	N/A	4.2	Y	Absent		ARCHIVE()
L2239100-15E	Vial Na2S2O3 preserved	C	N/A	N/A	4.2	Y	Absent		ARCHIVE()
L2239100-16A	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)
L2239100-16B	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)
L2239100-16C	Vial HCl preserved	C	NA		4.2	Y	Absent		NYTCL-8260(14)
L2239100-16D	Vial Na2S2O3 preserved	C	N/A	N/A	4.2	Y	Absent		ARCHIVE()
L2239100-16E	Vial Na2S2O3 preserved	C	N/A	N/A	4.2	Y	Absent		ARCHIVE()
L2239100-17A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2239100-17B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2239100-17C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2239100-17D	Vial Na2S2O3 preserved	A	N/A	N/A	4.4	Y	Absent		ARCHIVE()
L2239100-17E	Vial Na2S2O3 preserved	A	N/A	N/A	4.4	Y	Absent		ARCHIVE()

*Values in parentheses indicate holding time in days

Project Name: 275 KISCO & 19 KENSICO
Project Number: 15048

Lab Number: L2239100
Report Date: 07/28/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2239100-18A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2239100-18B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2239100-18C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2239100-18D	Vial Na2S2O3 preserved	A	N/A	N/A	4.4	Y	Absent		ARCHIVE()
L2239100-18E	Vial Na2S2O3 preserved	A	N/A	N/A	4.4	Y	Absent		ARCHIVE()

*Values in parentheses indicate holding time in days

Project Name:	275 KISCO & 19 KENSICO	**Lab Number:**	L2239100
Project Number:	15048	**Report Date:**	07/28/22

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:	275 KISCO & 19 KENSICO	**Lab Number:**	L2239100
Project Number:	15048	**Report Date:**	07/28/22

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:	275 KISCO & 19 KENSICO	**Lab Number:**	L2239100
Project Number:	15048	**Report Date:**	07/28/22

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:	275 KISCO & 19 KENSICO	**Lab Number:**	L2239100
Project Number:	15048	**Report Date:**	07/28/22

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 2

Date Rec'd in Lab: 7/22/22

ALPHA Job #: L2239100

Client Information

Client: ECS Mid-Atlantic
Address: 2 Executive Drive
Suite 11, Moorestown, NJ
Phone: 717-900-9767
Fax:
Email: KLinnell@ecslimited.com

Project Information

Project Name: 275 Kisco & 19 Kenisco
Project Location: " " NY
Project # 15048
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

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

Deliverables

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

Regulatory Requirement

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

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

O = Terracore

Please specify Metals or TAL.

ANALYSIS

VOCs

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

Sample Specific Comments

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	Total Bottle
39100-01	275-SB-01	7/20/22	0945	S	VB	X	4
02	275-SB-02		1020			X	
03	275-SB-03		1050			X	
04	275-SB-04		1110			X	
05	275-SB-05		1140			X	
06	275-SB-06		1215			X	
07	275-SB-07		1405			X	
08	275-SB-08		1430			X	
09	19-SB-01		1510			X	
10	19-SB-02		1530			X	

Container Type: O
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
	7/21/22 1500		7/21/22 1500
	7/21/22 1720	MSM	7/21/22 18:17
	7/21/22 2030		7/21/22 2135
			7/22/22 0030

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)

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

NEW YORK CHAIN OF CUSTODY

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: 7/22/22

ALPHA Job #: L2239100

Client Information
Client: ECS Mid-Atlantic
Address: 2 Executive Drive Suite 11
Moorestown, NJ
Phone: 717-900-9767
Fax:
Email: KLinnell@ecslimited.com

Project Information
Project Name: 275 Kisco & 19 Kensico
Project Location: " " Mount Kisco, NY
Project # 15048
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

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

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

Billing Information
☒ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	Sample Specific Comments	Total Bottle
39100-11	275-TW-01	7/20/22	1710	AQ	UB	X		5
12	275-TW-02		1720			X		
13	275-TW-04		1730			X		
14	275-TW-06		1800			X		
15	275-TW-07		1635			X		
16	275-TW-08		1655			X		
17	19-TW-01	7/21/22	0830			X		
18	19-TW-02	7/21/22	0815			X		

Container Type: V
Preservative: B,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

Relinquished By:	Date/Time	Received By:	Date/Time
	7/21/22 1500		7/21/22 1800
	7/21/22 1720		7/21/22 1617
	7/21/22 2220		7/21/22 2355
			7/22/22 0030

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:	L2239174
Client:	ECS MID ATLANTIC, LLC 52-6 Grumbacher Road York, PA 17406
ATTN:	Kay Linnell
Phone:	(717) 767-4788
Project Name:	MOUNT KISCO, NY
Project Number:	15048
Report Date:	08/01/22

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: MOUNT KISCO, NY
Project Number: 15048

Lab Number: L2239174
Report Date: 08/01/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2239174-01	275-IAQ-01	AIR	275 KISCO & 19 KENISCO	07/19/22 19:16	07/21/22
L2239174-02	275-IAQ-02	AIR	275 KISCO & 19 KENISCO	07/19/22 19:23	07/21/22
L2239174-03	275-IAQ-03	AIR	275 KISCO & 19 KENISCO	07/19/22 19:30	07/21/22
L2239174-04	275-AA-01	AIR	275 KISCO & 19 KENISCO	07/19/22 19:38	07/21/22
L2239174-05	275-SSVP-01	SOIL_VAPOR	275 KISCO & 19 KENISCO	07/19/22 20:21	07/21/22
L2239174-06	275-SSVP-02	SOIL_VAPOR	275 KISCO & 19 KENISCO	07/19/22 20:04	07/21/22
L2239174-07	275-SSVP-03	SOIL_VAPOR	275 KISCO & 19 KENISCO	07/19/22 20:06	07/21/22
L2239174-08	19-IAQ-01	AIR	275 KISCO & 19 KENISCO	07/19/22 20:04	07/21/22
L2239174-09	19-IAQ-02	AIR	275 KISCO & 19 KENISCO	07/19/22 20:06	07/21/22
L2239174-10	19-SSVP-01	SOIL_VAPOR	275 KISCO & 19 KENISCO	07/20/22 08:37	07/21/22

Project Name:	MOUNT KISCO, NY	**Lab Number:**	L2239174
Project Number:	15048	**Report Date:**	08/01/22

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:	MOUNT KISCO, NY	**Lab Number:**	L2239174
Project Number:	15048	**Report Date:**	08/01/22

Case Narrative (continued)

Report Revision

August 1, 2022 the report has been amended to report the full list for the sample designated 275-SSVP-01 (L2239174-05).

Report Submission

July 29, 2022: This final report includes the results of all requested analyses.

Report Submission

July 28, 2022: This is a preliminary report.

Volatile Organics in Air

Canisters were released from the laboratory on July 15, 2022. The canister certification results are provided as an addendum.

L2239174-01,02,03,05,06D: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2239174-05D,06D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2239174-01D,02D,03D,07D,10D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Sample Receipt

The laboratoy transposed the canister ID numbers on the tags for canisters 176 and 197. The canister ID

Project Name:	MOUNT KISCO, NY	**Lab Number:**	L2239174
Project Number:	15048	**Report Date:**	08/01/22

Case Narrative (continued)

number for the sample designated 275-SSVP-01 (L2239174-05) is listed on the CoC as 176 but it should be 197. The canister ID number for the sample designated 275-SSVP-03 (L2239174-07) is listed on the CoC as 197 but it should be 176.

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: Christopher J. Anderson

Title: Technical Director/Representative Date: 08/01/22

AIR

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-01
Client ID: 275-IAQ-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:16
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/27/22 21:57
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.426	0.200	--	2.11	0.989	--		1
Chloromethane	0.613	0.200	--	1.27	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	218	5.00	--	411	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	870	1.00	--	2070	2.38	--	E	1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	41.9	0.500	--	103	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.28	0.500	--	3.78	1.47	--		1
Ethyl Acetate	0.672	0.500	--	2.42	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-01
Client ID: 275-IAQ-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:16
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	0.833	0.200	--	3.37	0.809	--		1
n-Hexane	2.09	0.200	--	7.37	0.705	--		1
Benzene	2.22	0.200	--	7.09	0.639	--		1
Cyclohexane	0.951	0.200	--	3.27	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	99.6	0.200	--	408	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	41.4	0.200	--	156	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	19.5	0.200	--	84.7	0.869	--		1
p/m-Xylene	72.8	0.400	--	316	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.574	0.200	--	2.44	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	19.6	0.200	--	85.1	0.869	--		1
4-Ethyltoluene	0.415	0.200	--	2.04	0.983	--		1
1,3,5-Trimethylbenzene	0.489	0.200	--	2.40	0.983	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-01
Client ID: 275-IAQ-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:16
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	1.96	0.200	--	9.64	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	83		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-01
Client ID: 275-IAQ-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:16
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/27/22 21:57
Analyst: TS

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	0.024	0.020	--	0.061	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.066	0.020	--	0.415	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	10.0	0.020	--	67.8	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	83		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-01 D
Client ID: 275-IAQ-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:16
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/28/22 09:00
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Acetone	878	3.33	--	2090	7.91	--		3.333

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	89		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	79		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-02
Client ID: 275-IAQ-02
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:23
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/27/22 22:36
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.433	0.200	--	2.14	0.989	--		1
Chloromethane	0.596	0.200	--	1.23	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	0.403	0.200	--	0.892	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	161	5.00	--	303	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3300	1.00	--	7840	2.38	--	E	1
Trichlorofluoromethane	0.206	0.200	--	1.16	1.12	--		1
Isopropanol	262	0.500	--	644	1.23	--	E	1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.63	0.500	--	4.81	1.47	--		1
Ethyl Acetate	1.92	0.500	--	6.92	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-02
Client ID: 275-IAQ-02
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:23
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	0.304	0.200	--	1.23	0.809	--		1
n-Hexane	6.50	0.200	--	22.9	0.705	--		1
Benzene	6.68	0.200	--	21.3	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	345	0.200	--	1410	0.820	--	E	1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	142	0.200	--	535	0.754	--	E	1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	96.4	0.200	--	419	0.869	--		1
p/m-Xylene	296	0.400	--	1290	1.74	--	E	1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.620	0.200	--	2.64	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	97.7	0.200	--	424	0.869	--		1
4-Ethyltoluene	1.46	0.200	--	7.18	0.983	--		1
1,3,5-Trimethylbenzene	1.75	0.200	--	8.60	0.983	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-02
Client ID: 275-IAQ-02
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:23
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	6.91	0.200	--	34.0	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	85		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-02
Client ID: 275-IAQ-02
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:23
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/27/22 22:36
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.060	0.020	--	0.377	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	25.4	0.020	--	172	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	92		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	85		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-02 D
Client ID: 275-IAQ-02
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:23
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/28/22 09:35
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Acetone	3720	16.7	--	8840	39.7	--		16.67
Isopropanol	174	8.34	--	428	20.5	--		16.67
Heptane	455	3.33	--	1860	13.6	--		16.67
Toluene	123	3.33	--	464	12.5	--		16.67
p/m-Xylene	305	6.67	--	1320	29.0	--		16.67

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	90		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	81		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-03
Client ID: 275-IAQ-03
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:30
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/27/22 23:15
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.420	0.200	--	2.08	0.989	--		1
Chloromethane	0.586	0.200	--	1.21	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	0.322	0.200	--	0.712	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	95.4	5.00	--	180	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1950	1.00	--	4630	2.38	--	E	1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	268	0.500	--	659	1.23	--	E	1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.965	0.500	--	2.85	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-03
Client ID: 275-IAQ-03
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:30
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	5.80	0.200	--	20.4	0.705	--		1
Benzene	5.10	0.200	--	16.3	0.639	--		1
Cyclohexane	3.48	0.200	--	12.0	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	214	0.200	--	877	0.820	--	E	1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	204	0.200	--	769	0.754	--	E	1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	49.8	0.200	--	216	0.869	--		1
p/m-Xylene	172	0.400	--	747	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.617	0.200	--	2.63	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	52.5	0.200	--	228	0.869	--		1
4-Ethyltoluene	1.06	0.200	--	5.21	0.983	--		1
1,3,5-Trimethylbenzene	1.33	0.200	--	6.54	0.983	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-03
Client ID: 275-IAQ-03
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:30
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	5.22	0.200	--	25.7	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	84		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-03
Client ID: 275-IAQ-03
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:30
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/27/22 23:15
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.064	0.020	--	0.403	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	29.7	0.020	--	201	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	85		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-03 D
Client ID: 275-IAQ-03
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:30
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/28/22 10:11
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Acetone	1970	12.5	--	4680	29.7	--		12.5
Isopropanol	209	6.25	--	514	15.4	--		12.5
Heptane	246	2.50	--	1010	10.2	--		12.5
Toluene	221	2.50	--	833	9.42	--		12.5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	90		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	79		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-04
Client ID: 275-AA-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:38
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/27/22 18:43
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.471	0.200	--	2.33	0.989	--		1
Chloromethane	0.519	0.200	--	1.07	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	9.96	1.00	--	23.7	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-04
Client ID: 275-AA-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:38
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.295	0.200	--	1.04	0.705	--		1
Benzene	0.538	0.200	--	1.72	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	0.486	0.200	--	2.27	0.934	--		1
Heptane	0.628	0.200	--	2.57	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.58	0.200	--	5.95	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.244	0.200	--	1.06	0.869	--		1
p/m-Xylene	0.765	0.400	--	3.32	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.278	0.200	--	1.21	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-04
Client ID: 275-AA-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:38
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	0.277	0.200	--	1.36	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	98		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-04
Client ID: 275-AA-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 19:38
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/27/22 18:43
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.074	0.020	--	0.465	0.126	--		1
Trichloroethene	0.043	0.020	--	0.231	0.107	--		1
Tetrachloroethene	0.076	0.020	--	0.515	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	99		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-05
Client ID: 275-SSVP-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:21
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/28/22 01:11
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	647	5.00	--	1220	9.42	--	E	1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	543	1.00	--	1290	2.38	--	E	1
Trichlorofluoromethane	11.2	0.200	--	62.9	1.12	--		1
Isopropanol	42.1	0.500	--	103	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	4.22	0.500	--	12.8	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.236	0.200	--	0.735	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	7.12	0.500	--	21.0	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-05
Client ID: 275-SSVP-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:21
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	5.88	0.200	--	28.7	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.993	0.200	--	3.50	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	2.66	0.200	--	8.50	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.47	0.200	--	5.06	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	2.78	0.200	--	14.9	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	9.99	0.200	--	40.9	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	3.16	0.500	--	13.0	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	18.8	0.200	--	70.8	0.754	--		1
2-Hexanone	0.208	0.200	--	0.852	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	3.97	0.200	--	26.9	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	9.61	0.200	--	41.7	0.869	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-05
Client ID: 275-SSVP-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:21
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	16.6	0.400	--	72.1	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	191	0.200	--	813	0.852	--	E	1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	5.82	0.200	--	25.3	0.869	--		1
4-Ethyltoluene	0.247	0.200	--	1.21	0.983	--		1
1,3,5-Trimethylbenzene	0.315	0.200	--	1.55	0.983	--		1
1,2,4-Trimethylbenzene	1.27	0.200	--	6.24	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	77		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	78		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-05 D
Client ID: 275-SSVP-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:21
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/28/22 09:27
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethanol	674	25.0	--	1270	47.1	--		5
Acetone	589	5.00	--	1400	11.9	--		5
Styrene	167	1.00	--	711	4.26	--		5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	97		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	100		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-06 D
Client ID: 275-SSVP-02
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:04
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/28/22 01:49
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.256	--	ND	1.27	--		1.282
Chloromethane	ND	0.256	--	ND	0.529	--		1.282
Freon-114	ND	0.256	--	ND	1.79	--		1.282
Vinyl chloride	ND	0.256	--	ND	0.654	--		1.282
1,3-Butadiene	ND	0.256	--	ND	0.566	--		1.282
Bromomethane	ND	0.256	--	ND	0.994	--		1.282
Chloroethane	3.50	0.256	--	9.24	0.676	--		1.282
Ethanol	227	6.41	--	428	12.1	--		1.282
Vinyl bromide	ND	0.256	--	ND	1.12	--		1.282
Acetone	1200	1.28	--	2850	3.04	--	E	1.282
Trichlorofluoromethane	12.6	0.256	--	70.8	1.44	--		1.282
Isopropanol	64.1	0.641	--	158	1.58	--		1.282
1,1-Dichloroethene	ND	0.256	--	ND	1.01	--		1.282
Tertiary butyl Alcohol	17.9	0.641	--	54.3	1.94	--		1.282
Methylene chloride	ND	0.641	--	ND	2.23	--		1.282
3-Chloropropene	ND	0.256	--	ND	0.801	--		1.282
Carbon disulfide	0.555	0.256	--	1.73	0.797	--		1.282
Freon-113	ND	0.256	--	ND	1.96	--		1.282
trans-1,2-Dichloroethene	ND	0.256	--	ND	1.01	--		1.282
1,1-Dichloroethane	ND	0.256	--	ND	1.04	--		1.282
Methyl tert butyl ether	ND	0.256	--	ND	0.923	--		1.282
2-Butanone	7.57	0.641	--	22.3	1.89	--		1.282
cis-1,2-Dichloroethene	0.710	0.256	--	2.82	1.01	--		1.282

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-06 D
Client ID: 275-SSVP-02
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:04
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.641	--	ND	2.31	--		1.282
Chloroform	10.4	0.256	--	50.8	1.25	--		1.282
Tetrahydrofuran	2.10	0.641	--	6.19	1.89	--		1.282
1,2-Dichloroethane	ND	0.256	--	ND	1.04	--		1.282
n-Hexane	0.719	0.256	--	2.53	0.902	--		1.282
1,1,1-Trichloroethane	ND	0.256	--	ND	1.40	--		1.282
Benzene	23.6	0.256	--	75.4	0.818	--		1.282
Carbon tetrachloride	ND	0.256	--	ND	1.61	--		1.282
Cyclohexane	0.849	0.256	--	2.92	0.881	--		1.282
1,2-Dichloropropane	ND	0.256	--	ND	1.18	--		1.282
Bromodichloromethane	ND	0.256	--	ND	1.72	--		1.282
1,4-Dioxane	0.619	0.256	--	2.23	0.923	--		1.282
Trichloroethene	56.7	0.256	--	305	1.38	--		1.282
2,2,4-Trimethylpentane	ND	0.256	--	ND	1.20	--		1.282
Heptane	7.71	0.256	--	31.6	1.05	--		1.282
cis-1,3-Dichloropropene	ND	0.256	--	ND	1.16	--		1.282
4-Methyl-2-pentanone	2.63	0.641	--	10.8	2.63	--		1.282
trans-1,3-Dichloropropene	ND	0.256	--	ND	1.16	--		1.282
1,1,2-Trichloroethane	ND	0.256	--	ND	1.40	--		1.282
Toluene	48.8	0.256	--	184	0.965	--		1.282
2-Hexanone	1.11	0.256	--	4.55	1.05	--		1.282
Dibromochloromethane	ND	0.256	--	ND	2.18	--		1.282
1,2-Dibromoethane	ND	0.256	--	ND	1.97	--		1.282
Tetrachloroethene	14.3	0.256	--	97.0	1.74	--		1.282
Chlorobenzene	ND	0.256	--	ND	1.18	--		1.282
Ethylbenzene	30.9	0.256	--	134	1.11	--		1.282

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-06 D
Client ID: 275-SSVP-02
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:04
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	11.0	0.513	--	47.8	2.23	--		1.282
Bromoform	ND	0.256	--	ND	2.65	--		1.282
Styrene	102	0.256	--	434	1.09	--		1.282
1,1,2,2-Tetrachloroethane	ND	0.256	--	ND	1.76	--		1.282
o-Xylene	4.37	0.256	--	19.0	1.11	--		1.282
4-Ethyltoluene	0.305	0.256	--	1.50	1.26	--		1.282
1,3,5-Trimethylbenzene	0.599	0.256	--	2.94	1.26	--		1.282
1,2,4-Trimethylbenzene	2.34	0.256	--	11.5	1.26	--		1.282
Benzyl chloride	ND	0.256	--	ND	1.33	--		1.282
1,3-Dichlorobenzene	ND	0.256	--	ND	1.54	--		1.282
1,4-Dichlorobenzene	ND	0.256	--	ND	1.54	--		1.282
1,2-Dichlorobenzene	ND	0.256	--	ND	1.54	--		1.282
1,2,4-Trichlorobenzene	ND	0.256	--	ND	1.90	--		1.282
Hexachlorobutadiene	ND	0.256	--	ND	2.73	--		1.282

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	81		60-140
Bromochloromethane	83		60-140
chlorobenzene-d5	79		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-06 D2
Client ID: 275-SSVP-02
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:04
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/28/22 10:04
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Acetone	1240	5.00	--	2950	11.9	--		5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	99		60-140
Bromochloromethane	101		60-140
chlorobenzene-d5	98		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-07 D
Client ID: 275-SSVP-03
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:06
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/28/22 02:25
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.909	--	ND	4.49	--		4.545
Chloromethane	ND	0.909	--	ND	1.88	--		4.545
Freon-114	ND	0.909	--	ND	6.35	--		4.545
Vinyl chloride	ND	0.909	--	ND	2.32	--		4.545
1,3-Butadiene	ND	0.909	--	ND	2.01	--		4.545
Bromomethane	ND	0.909	--	ND	3.53	--		4.545
Chloroethane	ND	0.909	--	ND	2.40	--		4.545
Ethanol	50.5	22.7	--	95.2	42.8	--		4.545
Vinyl bromide	ND	0.909	--	ND	3.97	--		4.545
Acetone	95.8	4.54	--	228	10.8	--		4.545
Trichlorofluoromethane	ND	0.909	--	ND	5.11	--		4.545
Isopropanol	4.32	2.27	--	10.6	5.58	--		4.545
1,1-Dichloroethene	ND	0.909	--	ND	3.60	--		4.545
Tertiary butyl Alcohol	ND	2.27	--	ND	6.88	--		4.545
Methylene chloride	ND	2.27	--	ND	7.89	--		4.545
3-Chloropropene	ND	0.909	--	ND	2.85	--		4.545
Carbon disulfide	ND	0.909	--	ND	2.83	--		4.545
Freon-113	ND	0.909	--	ND	6.97	--		4.545
trans-1,2-Dichloroethene	9.22	0.909	--	36.6	3.60	--		4.545
1,1-Dichloroethane	1.17	0.909	--	4.74	3.68	--		4.545
Methyl tert butyl ether	ND	0.909	--	ND	3.28	--		4.545
2-Butanone	ND	2.27	--	ND	6.69	--		4.545
cis-1,2-Dichloroethene	38.2	0.909	--	151	3.60	--		4.545

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-07 D
Client ID: 275-SSVP-03
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:06
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	2.27	--	ND	8.18	--		4.545
Chloroform	42.4	0.909	--	207	4.44	--		4.545
Tetrahydrofuran	ND	2.27	--	ND	6.69	--		4.545
1,2-Dichloroethane	ND	0.909	--	ND	3.68	--		4.545
n-Hexane	ND	0.909	--	ND	3.20	--		4.545
1,1,1-Trichloroethane	ND	0.909	--	ND	4.96	--		4.545
Benzene	ND	0.909	--	ND	2.90	--		4.545
Carbon tetrachloride	ND	0.909	--	ND	5.72	--		4.545
Cyclohexane	ND	0.909	--	ND	3.13	--		4.545
1,2-Dichloropropane	ND	0.909	--	ND	4.20	--		4.545
Bromodichloromethane	ND	0.909	--	ND	6.09	--		4.545
1,4-Dioxane	ND	0.909	--	ND	3.28	--		4.545
Trichloroethene	395	0.909	--	2120	4.89	--		4.545
2,2,4-Trimethylpentane	ND	0.909	--	ND	4.25	--		4.545
Heptane	1.05	0.909	--	4.30	3.73	--		4.545
cis-1,3-Dichloropropene	ND	0.909	--	ND	4.13	--		4.545
4-Methyl-2-pentanone	ND	2.27	--	ND	9.30	--		4.545
trans-1,3-Dichloropropene	ND	0.909	--	ND	4.13	--		4.545
1,1,2-Trichloroethane	ND	0.909	--	ND	4.96	--		4.545
Toluene	1.48	0.909	--	5.58	3.43	--		4.545
2-Hexanone	ND	0.909	--	ND	3.73	--		4.545
Dibromochloromethane	ND	0.909	--	ND	7.74	--		4.545
1,2-Dibromoethane	ND	0.909	--	ND	6.99	--		4.545
Tetrachloroethene	102	0.909	--	692	6.16	--		4.545
Chlorobenzene	ND	0.909	--	ND	4.19	--		4.545
Ethylbenzene	ND	0.909	--	ND	3.95	--		4.545

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-07 D
Client ID: 275-SSVP-03
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:06
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	1.82	--	ND	7.91	--		4.545
Bromoform	ND	0.909	--	ND	9.40	--		4.545
Styrene	1.16	0.909	--	4.94	3.87	--		4.545
1,1,2,2-Tetrachloroethane	ND	0.909	--	ND	6.24	--		4.545
o-Xylene	ND	0.909	--	ND	3.95	--		4.545
4-Ethyltoluene	ND	0.909	--	ND	4.47	--		4.545
1,3,5-Trimethylbenzene	ND	0.909	--	ND	4.47	--		4.545
1,2,4-Trimethylbenzene	ND	0.909	--	ND	4.47	--		4.545
Benzyl chloride	ND	0.909	--	ND	4.71	--		4.545
1,3-Dichlorobenzene	ND	0.909	--	ND	5.47	--		4.545
1,4-Dichlorobenzene	ND	0.909	--	ND	5.47	--		4.545
1,2-Dichlorobenzene	ND	0.909	--	ND	5.47	--		4.545
1,2,4-Trichlorobenzene	ND	0.909	--	ND	6.75	--		4.545
Hexachlorobutadiene	ND	0.909	--	ND	9.70	--		4.545

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	78		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-08
Client ID: 19-IAQ-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:04
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/27/22 23:54
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.414	0.200	--	2.05	0.989	--		1
Chloromethane	0.663	0.200	--	1.37	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	0.457	0.200	--	1.77	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	32.3	1.00	--	76.7	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	1.09	0.500	--	2.68	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.39	0.500	--	4.10	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-08
Client ID: 19-IAQ-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:04
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.236	0.200	--	0.967	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.37	0.200	--	5.16	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.281	0.200	--	1.22	0.869	--		1
p/m-Xylene	1.02	0.400	--	4.43	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	1.39	0.200	--	5.92	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.292	0.200	--	1.27	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-08
Client ID: 19-IAQ-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:04
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	84		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-08
Client ID: 19-IAQ-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:04
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/27/22 23:54
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.021	0.020	--	0.083	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	0.237	0.020	--	1.27	0.107	--		1
Tetrachloroethene	0.080	0.020	--	0.542	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	85		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-09
Client ID: 19-IAQ-02
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:06
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/28/22 00:33
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.419	0.200	--	2.07	0.989	--		1
Chloromethane	0.660	0.200	--	1.36	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	0.392	0.200	--	1.52	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	32.0	1.00	--	76.0	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	0.825	0.500	--	2.03	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.45	0.500	--	4.28	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-09
Client ID: 19-IAQ-02
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:06
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.21	0.200	--	4.56	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.217	0.200	--	0.943	0.869	--		1
p/m-Xylene	0.746	0.400	--	3.24	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	2.06	0.200	--	8.77	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.217	0.200	--	0.943	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-09
Client ID: 19-IAQ-02
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:06
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	84		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-09
Client ID: 19-IAQ-02
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/19/22 20:06
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/28/22 00:33
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.020	0.020	--	0.079	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.061	0.020	--	0.384	0.126	--		1
Trichloroethene	0.271	0.020	--	1.46	0.107	--		1
Tetrachloroethene	0.037	0.020	--	0.251	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	85		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-10 D
Client ID: 19-SSVP-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/20/22 08:37
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/28/22 03:01
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	4.43	--	ND	21.9	--		22.16
Chloromethane	ND	4.43	--	ND	9.15	--		22.16
Freon-114	ND	4.43	--	ND	31.0	--		22.16
Vinyl chloride	ND	4.43	--	ND	11.3	--		22.16
1,3-Butadiene	ND	4.43	--	ND	9.80	--		22.16
Bromomethane	ND	4.43	--	ND	17.2	--		22.16
Chloroethane	ND	4.43	--	ND	11.7	--		22.16
Ethanol	610	111	--	1150	209	--		22.16
Vinyl bromide	ND	4.43	--	ND	19.4	--		22.16
Acetone	2690	22.2	--	6390	52.7	--		22.16
Trichlorofluoromethane	ND	4.43	--	ND	24.9	--		22.16
Isopropanol	106	11.1	--	261	27.3	--		22.16
1,1-Dichloroethene	ND	4.43	--	ND	17.6	--		22.16
Tertiary butyl Alcohol	ND	11.1	--	ND	33.6	--		22.16
Methylene chloride	ND	11.1	--	ND	38.6	--		22.16
3-Chloropropene	ND	4.43	--	ND	13.9	--		22.16
Carbon disulfide	ND	4.43	--	ND	13.8	--		22.16
Freon-113	ND	4.43	--	ND	34.0	--		22.16
trans-1,2-Dichloroethene	ND	4.43	--	ND	17.6	--		22.16
1,1-Dichloroethane	ND	4.43	--	ND	17.9	--		22.16
Methyl tert butyl ether	ND	4.43	--	ND	16.0	--		22.16
2-Butanone	ND	11.1	--	ND	32.7	--		22.16
cis-1,2-Dichloroethene	18.2	4.43	--	72.2	17.6	--		22.16

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-10 D
Client ID: 19-SSVP-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/20/22 08:37
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	11.1	--	ND	40.0	--		22.16
Chloroform	12.7	4.43	--	62.0	21.6	--		22.16
Tetrahydrofuran	ND	11.1	--	ND	32.7	--		22.16
1,2-Dichloroethane	ND	4.43	--	ND	17.9	--		22.16
n-Hexane	ND	4.43	--	ND	15.6	--		22.16
1,1,1-Trichloroethane	ND	4.43	--	ND	24.2	--		22.16
Benzene	ND	4.43	--	ND	14.2	--		22.16
Carbon tetrachloride	ND	4.43	--	ND	27.9	--		22.16
Cyclohexane	ND	4.43	--	ND	15.2	--		22.16
1,2-Dichloropropane	ND	4.43	--	ND	20.5	--		22.16
Bromodichloromethane	ND	4.43	--	ND	29.7	--		22.16
1,4-Dioxane	ND	4.43	--	ND	16.0	--		22.16
Trichloroethene	1450	4.43	--	7790	23.8	--		22.16
2,2,4-Trimethylpentane	ND	4.43	--	ND	20.7	--		22.16
Heptane	ND	4.43	--	ND	18.2	--		22.16
cis-1,3-Dichloropropene	ND	4.43	--	ND	20.1	--		22.16
4-Methyl-2-pentanone	ND	11.1	--	ND	45.5	--		22.16
trans-1,3-Dichloropropene	ND	4.43	--	ND	20.1	--		22.16
1,1,2-Trichloroethane	ND	4.43	--	ND	24.2	--		22.16
Toluene	ND	4.43	--	ND	16.7	--		22.16
2-Hexanone	ND	4.43	--	ND	18.2	--		22.16
Dibromochloromethane	ND	4.43	--	ND	37.7	--		22.16
1,2-Dibromoethane	ND	4.43	--	ND	34.0	--		22.16
Tetrachloroethene	ND	4.43	--	ND	30.0	--		22.16
Chlorobenzene	ND	4.43	--	ND	20.4	--		22.16
Ethylbenzene	ND	4.43	--	ND	19.2	--		22.16

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

SAMPLE RESULTS

Lab ID: L2239174-10 D
Client ID: 19-SSVP-01
Sample Location: 275 KISCO & 19 KENISCO

Date Collected: 07/20/22 08:37
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	8.86	--	ND	38.5	--		22.16
Bromoform	ND	4.43	--	ND	45.8	--		22.16
Styrene	ND	4.43	--	ND	18.9	--		22.16
1,1,2,2-Tetrachloroethane	ND	4.43	--	ND	30.4	--		22.16
o-Xylene	ND	4.43	--	ND	19.2	--		22.16
4-Ethyltoluene	ND	4.43	--	ND	21.8	--		22.16
1,3,5-Trimethylbenzene	ND	4.43	--	ND	21.8	--		22.16
1,2,4-Trimethylbenzene	ND	4.43	--	ND	21.8	--		22.16
Benzyl chloride	ND	4.43	--	ND	22.9	--		22.16
1,3-Dichlorobenzene	ND	4.43	--	ND	26.6	--		22.16
1,4-Dichlorobenzene	ND	4.43	--	ND	26.6	--		22.16
1,2-Dichlorobenzene	ND	4.43	--	ND	26.6	--		22.16
1,2,4-Trichlorobenzene	ND	4.43	--	ND	32.9	--		22.16
Hexachlorobutadiene	ND	4.43	--	ND	47.3	--		22.16

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	78		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/27/22 17:58

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 05-06 Batch: WG1668202-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/27/22 17:58

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 05-06 Batch: WG1668202-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/27/22 17:58

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 05-06 Batch: WG1668202-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 07/27/22 17:00

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-04,08-09 Batch: WG1668206-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/27/22 16:22

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-10 Batch: WG1668207-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/27/22 16:22

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-10 Batch: WG1668207-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: MOUNT KISCO, NY
Project Number: 15048
Lab Number: L2239174
Report Date: 08/01/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/27/22 16:22

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-10 Batch: WG1668207-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: MOUNT KISCO, NY
Project Number: 15048

Lab Number: L2239174
Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05-06 Batch: WG1668202-3								
Dichlorodifluoromethane	88		-		70-130	-		
Chloromethane	89		-		70-130	-		
Freon-114	90		-		70-130	-		
Vinyl chloride	96		-		70-130	-		
1,3-Butadiene	92		-		70-130	-		
Bromomethane	96		-		70-130	-		
Chloroethane	99		-		70-130	-		
Ethanol	93		-		40-160	-		
Vinyl bromide	77		-		70-130	-		
Acetone	93		-		40-160	-		
Trichlorofluoromethane	82		-		70-130	-		
Isopropanol	98		-		40-160	-		
1,1-Dichloroethene	96		-		70-130	-		
Tertiary butyl Alcohol	100		-		70-130	-		
Methylene chloride	101		-		70-130	-		
3-Chloropropene	105		-		70-130	-		
Carbon disulfide	88		-		70-130	-		
Freon-113	90		-		70-130	-		
trans-1,2-Dichloroethene	88		-		70-130	-		
1,1-Dichloroethane	95		-		70-130	-		
Methyl tert butyl ether	90		-		70-130	-		
2-Butanone	96		-		70-130	-		
cis-1,2-Dichloroethene	96		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: MOUNT KISCO, NY
Project Number: 15048

Lab Number: L2239174
Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05-06 Batch: WG1668202-3								
Ethyl Acetate	108		-		70-130	-		
Chloroform	98		-		70-130	-		
Tetrahydrofuran	96		-		70-130	-		
1,2-Dichloroethane	89		-		70-130	-		
n-Hexane	105		-		70-130	-		
1,1,1-Trichloroethane	105		-		70-130	-		
Benzene	108		-		70-130	-		
Carbon tetrachloride	108		-		70-130	-		
Cyclohexane	105		-		70-130	-		
1,2-Dichloropropane	113		-		70-130	-		
Bromodichloromethane	110		-		70-130	-		
1,4-Dioxane	106		-		70-130	-		
Trichloroethene	100		-		70-130	-		
2,2,4-Trimethylpentane	107		-		70-130	-		
Heptane	110		-		70-130	-		
cis-1,3-Dichloropropene	116		-		70-130	-		
4-Methyl-2-pentanone	116		-		70-130	-		
trans-1,3-Dichloropropene	98		-		70-130	-		
1,1,2-Trichloroethane	104		-		70-130	-		
Toluene	98		-		70-130	-		
2-Hexanone	109		-		70-130	-		
Dibromochloromethane	97		-		70-130	-		
1,2-Dibromoethane	97		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: MOUNT KISCO, NY
Project Number: 15048

Lab Number: L2239174
Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05-06 Batch: WG1668202-3								
Tetrachloroethene	93		-		70-130	-		
Chlorobenzene	95		-		70-130	-		
Ethylbenzene	96		-		70-130	-		
p/m-Xylene	96		-		70-130	-		
Bromoform	97		-		70-130	-		
Styrene	93		-		70-130	-		
1,1,2,2-Tetrachloroethane	114		-		70-130	-		
o-Xylene	99		-		70-130	-		
4-Ethyltoluene	85		-		70-130	-		
1,3,5-Trimethylbenzene	94		-		70-130	-		
1,2,4-Trimethylbenzene	113		-		70-130	-		
Benzyl chloride	84		-		70-130	-		
1,3-Dichlorobenzene	99		-		70-130	-		
1,4-Dichlorobenzene	96		-		70-130	-		
1,2-Dichlorobenzene	95		-		70-130	-		
1,2,4-Trichlorobenzene	103		-		70-130	-		
Hexachlorobutadiene	95		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: MOUNT KISCO, NY
Project Number: 15048

Lab Number: L2239174
Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-04,08-09 Batch: WG1668206-3								
Vinyl chloride	105		-		70-130	-		25
1,1-Dichloroethene	95		-		70-130	-		25
cis-1,2-Dichloroethene	98		-		70-130	-		25
1,1,1-Trichloroethane	82		-		70-130	-		25
Carbon tetrachloride	88		-		70-130	-		25
Trichloroethene	94		-		70-130	-		25
Tetrachloroethene	93		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: MOUNT KISCO, NY
Project Number: 15048

Lab Number: L2239174
Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-10 Batch: WG1668207-3								
Dichlorodifluoromethane	94		-		70-130	-		
Chloromethane	93		-		70-130	-		
Freon-114	103		-		70-130	-		
Vinyl chloride	113		-		70-130	-		
1,3-Butadiene	96		-		70-130	-		
Bromomethane	113		-		70-130	-		
Chloroethane	106		-		70-130	-		
Ethanol	89		-		40-160	-		
Vinyl bromide	90		-		70-130	-		
Acetone	108		-		40-160	-		
Trichlorofluoromethane	88		-		70-130	-		
Isopropanol	88		-		40-160	-		
1,1-Dichloroethene	103		-		70-130	-		
Tertiary butyl Alcohol	92		-		70-130	-		
Methylene chloride	96		-		70-130	-		
3-Chloropropene	105		-		70-130	-		
Carbon disulfide	90		-		70-130	-		
Freon-113	101		-		70-130	-		
trans-1,2-Dichloroethene	97		-		70-130	-		
1,1-Dichloroethane	105		-		70-130	-		
Methyl tert butyl ether	81		-		70-130	-		
2-Butanone	91		-		70-130	-		
cis-1,2-Dichloroethene	106		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: MOUNT KISCO, NY
Project Number: 15048

Lab Number: L2239174
Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-10 Batch: WG1668207-3								
Ethyl Acetate	110		-		70-130	-		
Chloroform	101		-		70-130	-		
Tetrahydrofuran	89		-		70-130	-		
1,2-Dichloroethane	88		-		70-130	-		
n-Hexane	93		-		70-130	-		
1,1,1-Trichloroethane	90		-		70-130	-		
Benzene	90		-		70-130	-		
Carbon tetrachloride	97		-		70-130	-		
Cyclohexane	94		-		70-130	-		
1,2-Dichloropropane	104		-		70-130	-		
Bromodichloromethane	94		-		70-130	-		
1,4-Dioxane	94		-		70-130	-		
Trichloroethene	100		-		70-130	-		
2,2,4-Trimethylpentane	95		-		70-130	-		
Heptane	90		-		70-130	-		
cis-1,3-Dichloropropene	98		-		70-130	-		
4-Methyl-2-pentanone	89		-		70-130	-		
trans-1,3-Dichloropropene	82		-		70-130	-		
1,1,2-Trichloroethane	103		-		70-130	-		
Toluene	100		-		70-130	-		
2-Hexanone	88		-		70-130	-		
Dibromochloromethane	103		-		70-130	-		
1,2-Dibromoethane	99		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: MOUNT KISCO, NY
Project Number: 15048

Lab Number: L2239174
Report Date: 08/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-10 Batch: WG1668207-3								
Tetrachloroethene	99		-		70-130	-		
Chlorobenzene	99		-		70-130	-		
Ethylbenzene	106		-		70-130	-		
p/m-Xylene	105		-		70-130	-		
Bromoform	110		-		70-130	-		
Styrene	102		-		70-130	-		
1,1,2,2-Tetrachloroethane	119		-		70-130	-		
o-Xylene	107		-		70-130	-		
4-Ethyltoluene	97		-		70-130	-		
1,3,5-Trimethylbenzene	103		-		70-130	-		
1,2,4-Trimethylbenzene	106		-		70-130	-		
Benzyl chloride	107		-		70-130	-		
1,3-Dichlorobenzene	110		-		70-130	-		
1,4-Dichlorobenzene	108		-		70-130	-		
1,2-Dichlorobenzene	107		-		70-130	-		
1,2,4-Trichlorobenzene	81		-		70-130	-		
Hexachlorobutadiene	84		-		70-130	-		

Project Name: MOUNT KISCO, NY

Project Number: 15048

Lab Number: L2239174

Report Date: 08/01/22

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2239174-01	275-IAQ-01	01184	Flow 4	07/15/22	393944		-	-	-	Pass	10.0	9.4	6
L2239174-01	275-IAQ-01	3644	6.0L Can	07/15/22	393944	L2233684-04	Pass	-28.8	-6.3	-	-	-	-
L2239174-02	275-IAQ-02	01490	Flow 4	07/15/22	393944		-	-	-	Pass	10.0	8.8	13
L2239174-02	275-IAQ-02	2099	6.0L Can	07/15/22	393944	L2235999-04	Pass	-29.0	-7.1	-	-	-	-
L2239174-03	275-IAQ-03	01275	Flow 4	07/15/22	393944		-	-	-	Pass	10.0	9.5	5
L2239174-03	275-IAQ-03	1586	6.0L Can	07/15/22	393944	L2235240-03	Pass	-28.9	-7.0	-	-	-	-
L2239174-04	275-AA-01	01422	Flow 4	07/15/22	393944		-	-	-	Pass	10.0	9.5	5
L2239174-04	275-AA-01	1900	6.0L Can	07/15/22	393944	L2235240-03	Pass	-29.1	-7.0	-	-	-	-
L2239174-05	275-SSVP-01	01853	SV200	07/15/22	393944		-	-	-	Pass	218	209	4
L2239174-05	275-SSVP-01	197	2.7L Can	07/15/22	393944	L2235999-06	Pass	-29.5	1.0	-	-	-	-
L2239174-06	275-SSVP-02	01901	SV200	07/15/22	393944		-	-	-	Pass	215	208	3
L2239174-06	275-SSVP-02	155	2.7L Can	07/15/22	393944	L2235999-06	Pass	-29.1	0.0	-	-	-	-
L2239174-07	275-SSVP-03	01596	SV200	07/15/22	393944		-	-	-	Pass	219	214	2
L2239174-07	275-SSVP-03	176	2.7L Can	07/15/22	393944	L2235999-06	Pass	-29.5	0.0	-	-	-	-
L2239174-08	19-IAQ-01	02192	Flow 4	07/15/22	393944		-	-	-	Pass	10.0	9.0	11

Project Name: MOUNT KISCO, NY

Lab Number: L2239174

Project Number: 15048

Report Date: 08/01/22

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2239174-08	19-IAQ-01	991	6.0L Can	07/15/22	393944	L2235240-03	Pass	-29.1	-4.8	-	-	-	-
L2239174-09	19-IAQ-02	0168	Flow 4	07/15/22	393944		-	-	-	Pass	10.0	9.2	8
L2239174-09	19-IAQ-02	1672	6.0L Can	07/15/22	393944	L2235240-03	Pass	-29.1	-5.5	-	-	-	-
L2239174-10	19-SSVP-01	0540	SV200	07/15/22	393944		-	-	-	Pass	220	210	5
L2239174-10	19-SSVP-01	149B	2.7L Can	07/15/22	393944	L2235999-06	Pass	-28.9	0.0	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2233684
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2233684-04
Client ID: CAN 1813 SHELF 37
Sample Location:

Date Collected: 06/23/22 18:00
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 06/29/22 22:25
Analyst: JB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2233684
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2233684-04
Client ID: CAN 1813 SHELF 37
Sample Location:

Date Collected: 06/23/22 18:00
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2233684
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2233684-04
Client ID: CAN 1813 SHELF 37
Sample Location:

Date Collected: 06/23/22 18:00
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2233684
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2233684-04
Client ID: CAN 1813 SHELF 37
Sample Location:

Date Collected: 06/23/22 18:00
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2233684
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2233684-04
Client ID: CAN 1813 SHELF 37
Sample Location:

Date Collected: 06/23/22 18:00
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2233684
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2233684-04
Client ID: CAN 1813 SHELF 37
Sample Location:

Date Collected: 06/23/22 18:00
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 06/29/22 22:25
Analyst: JB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2233684
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2233684-04
Client ID: CAN 1813 SHELF 37
Sample Location:

Date Collected: 06/23/22 18:00
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2233684
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2233684-04
Client ID: CAN 1813 SHELF 37
Sample Location:

Date Collected: 06/23/22 18:00
Date Received: 06/24/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	98		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235240
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235240-03
Client ID: CAN 3088 SHELF 48
Sample Location:

Date Collected: 06/30/22 18:00
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/01/22 18:47
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235240
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235240-03
Client ID: CAN 3088 SHELF 48
Sample Location:

Date Collected: 06/30/22 18:00
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2235240
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235240-03
Client ID: CAN 3088 SHELF 48
Sample Location:

Date Collected: 06/30/22 18:00
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235240
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235240-03
Client ID: CAN 3088 SHELF 48
Sample Location:

Date Collected: 06/30/22 18:00
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235240
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235240-03
Client ID: CAN 3088 SHELF 48
Sample Location:

Date Collected: 06/30/22 18:00
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	95		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2235240
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235240-03
Client ID: CAN 3088 SHELF 48
Sample Location:

Date Collected: 06/30/22 18:00
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/01/22 18:47
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2235240
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235240-03
Client ID: CAN 3088 SHELF 48
Sample Location:

Date Collected: 06/30/22 18:00
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235240
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235240-03
Client ID: CAN 3088 SHELF 48
Sample Location:

Date Collected: 06/30/22 18:00
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235999
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235999-04
Client ID: CAN 2715 SHELF 56
Sample Location:

Date Collected: 07/06/22 18:00
Date Received: 07/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/07/22 19:51
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235999
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235999-04
Client ID: CAN 2715 SHELF 56
Sample Location:

Date Collected: 07/06/22 18:00
Date Received: 07/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2235999
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235999-04
Client ID: CAN 2715 SHELF 56
Sample Location:

Date Collected: 07/06/22 18:00
Date Received: 07/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235999
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235999-04
Client ID: CAN 2715 SHELF 56
Sample Location:

Date Collected: 07/06/22 18:00
Date Received: 07/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235999
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235999-04
Client ID: CAN 2715 SHELF 56
Sample Location:

Date Collected: 07/06/22 18:00
Date Received: 07/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235999
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235999-04
Client ID: CAN 2715 SHELF 56
Sample Location:

Date Collected: 07/06/22 18:00
Date Received: 07/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/07/22 19:51
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235999
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235999-04
Client ID: CAN 2715 SHELF 56
Sample Location:

Date Collected: 07/06/22 18:00
Date Received: 07/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235999
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235999-04
Client ID: CAN 2715 SHELF 56
Sample Location:

Date Collected: 07/06/22 18:00
Date Received: 07/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235999
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235999-06
Client ID: CAN 343 SHELF 16
Sample Location:

Date Collected: 07/07/22 09:00
Date Received: 07/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/09/22 20:08
Analyst: NL

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235999
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235999-06
Client ID: CAN 343 SHELF 16
Sample Location:

Date Collected: 07/07/22 09:00
Date Received: 07/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235999
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235999-06
Client ID: CAN 343 SHELF 16
Sample Location:

Date Collected: 07/07/22 09:00
Date Received: 07/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235999
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235999-06
Client ID: CAN 343 SHELF 16
Sample Location:

Date Collected: 07/07/22 09:00
Date Received: 07/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235999
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235999-06
Client ID: CAN 343 SHELF 16
Sample Location:

Date Collected: 07/07/22 09:00
Date Received: 07/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	95		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2235999

Project Number: CANISTER QC BAT **Report Date:** 08/01/22

Air Canister Certification Results

Lab ID: L2235999-06
Client ID: CAN 343 SHELF 16
Sample Location:

Date Collected: 07/07/22 09:00
Date Received: 07/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/09/22 20:08
Analyst: NL

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235999
Report Date: 08/01/22

Air Canister Certification Results

Lab ID: L2235999-06
Client ID: CAN 343 SHELF 16
Sample Location:

Date Collected: 07/07/22 09:00
Date Received: 07/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2235999

Project Number: CANISTER QC BAT **Report Date:** 08/01/22

Air Canister Certification Results

Lab ID: L2235999-06
Client ID: CAN 343 SHELF 16
Sample Location:

Date Collected: 07/07/22 09:00
Date Received: 07/07/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	95		60-140

Project Name: MOUNT KISCO, NY
Project Number: 15048

Lab Number: L2239174
Report Date: 08/01/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2239174-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2239174-02A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2239174-03A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2239174-04A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2239174-05A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2239174-06A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2239174-07A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2239174-08A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2239174-09A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2239174-10A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	MOUNT KISCO, NY	**Lab Number:**	L2239174
Project Number:	15048	**Report Date:**	08/01/22

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: Data Usability Report

Project Name:	MOUNT KISCO, NY	**Lab Number:**	L2239174
Project Number:	15048	**Report Date:**	08/01/22

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. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

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

Report Format: Data Usability Report

Project Name:	MOUNT KISCO, NY	**Lab Number:**	L2239174
Project Number:	15048	**Report Date:**	08/01/22

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

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: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

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.

AIR ANALYSIS

CHAIN OF CUSTODY PAGE 1 OF 1

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

Date Rec'd in Lab: 7/22/22

ALPHA Job #: L2239174

Client Information

Client: ECS Mid-Atlantic
Address: 2 Executive Dr Suite 11
Moorestown, NJ 08057
Phone: 717-900-9767
Fax:
Email: KLinnell@ecslimited.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Mount Kisco, NY
Project Location: 275 Kisco & 19 Kensico
Project #: 15048
Project Manager:
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH (Subtract Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
9174-01	275-IAQ-01	7/19/22	1116	1916	-29.87	-6.41	AA	VB	6L	3014	01184	X					
-02	275-IAQ-02	7/19/22	1123	1923	-31.30	-7.57	AA	VB	6L	2099	01490	X					
-03	275-IAQ-03	7/19/22	1130	1930	-29.6	-7.02	AA	VB	6L	1586	01275	X					
-04	275-AA-01	7/19/22	1138	1938	-29.1	-6.70	AA	VB	6L	1900	01422	X					
-05	275-SSVP-01	7/19/22	2002	2021	-29.42	0	SV	VB	2.7L	176	01853	X					
-06	275-SSVP-02	7/19/22	1937	2004	-28.4	0	SV	VB	2.7L	155	D1901	X					
-07	275-SSVP-03	7/19/22	1950	2006	-29.17	0	SV	VB	2.7L	197	01596	X					
-08	19-IAQ-01	7/19/22	1200	2004	-29.58	-4.72	AA	VB	6L	991	02142	X					
-09	19-IAQ-02	7/19/22	1206	2006	-29.1	-5.42	AA	VB	6L	1672	0168	X					
-10	19-SSVP-01	7/20/22	0815	0837	-29.1	0	SV	VB	2.7L	1493	0540	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature] 7/21/22	7/21/22 1500	[signature] 7/21/22	7/21/22 1500
[signature] 7/21/22	7/21/22 1720	[signature] APL	7/22/22 0030
GL AWL 7/22/22 0330			

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

ATTACHMENT 4
NYSDOH INDOOR AIR QUALITY QUESTIONNAIRE

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 Alex Smith Date/Time Prepared 7/19/22 11:00 am

Preparer's Affiliation ECS Mid-Atlantic, LLC Phone No. 609-832-3910

Purpose of Investigation Determine indoor/outdoor air quality

1. OCCUPANT:

Interviewed: Y / N

Last Name: Morash First Name: Samantha

Address: 275 Kisco Avenue

County: Westchester

Home Phone: _____ Office Phone: 240-800-5621

Number of Occupants/persons at this location 30+ Age of Occupants _____

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) __Automotive dealership and service center__

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors__1___ Building age_____

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:

Airflow between floors

_____

_____

_____

Airflow near source

_____

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

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: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

_____

_____

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 Waste oil in service center

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.

Supply and cold air return ductwork are located on the main floor in the showroom and office areas.

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	
1st Floor	Lobby, offices, showroom, service center.
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 Vehicles

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? Car cleaner used frequently

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: Motor oil odors in the service center.

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? Brake cleaner, carb cleaner, all purpose cleaners and degreaser

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) No
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

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.

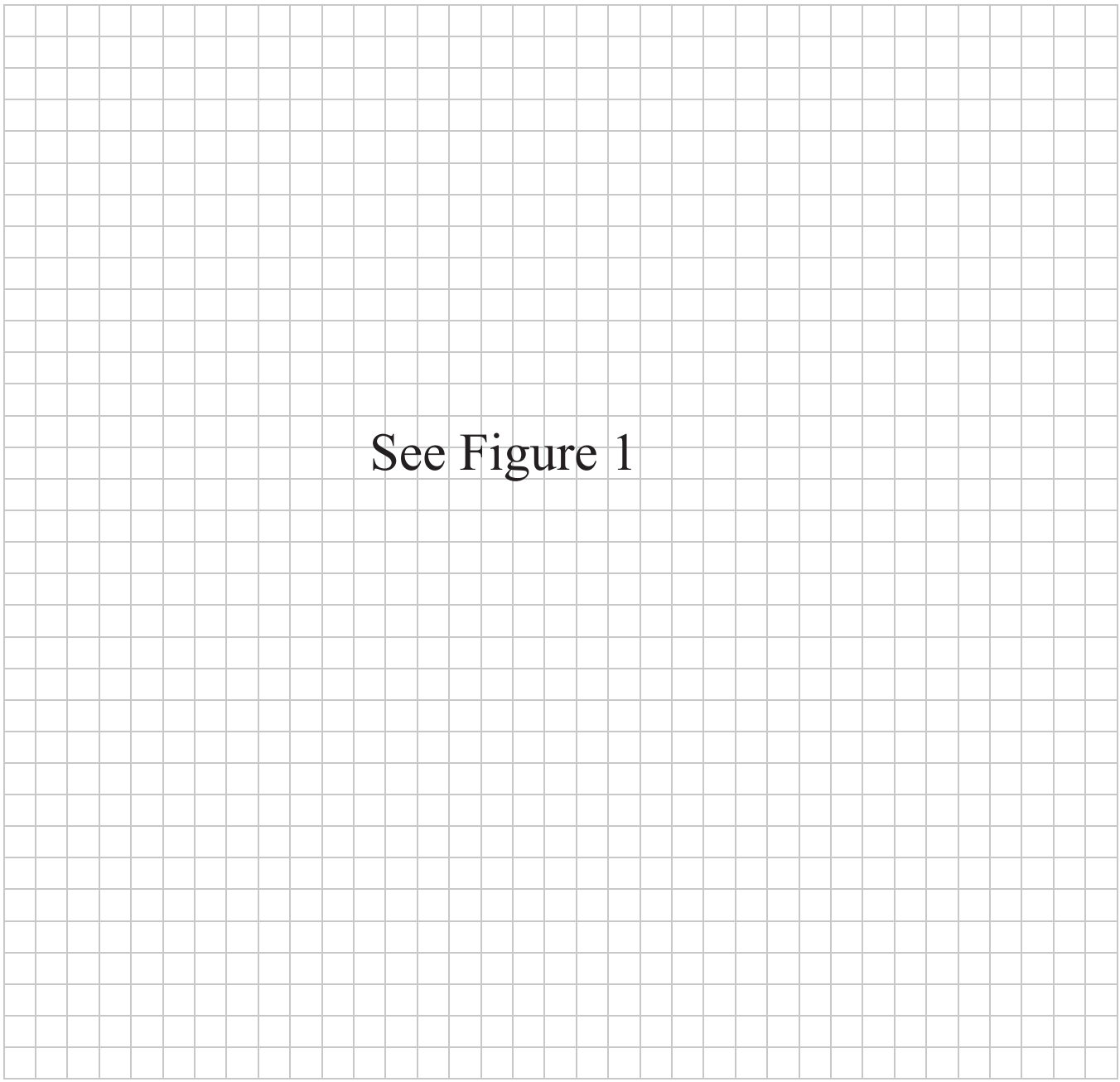
Basement:

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.



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.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
Garage	Brake cleaner	14 oz	U	VOCs		N
Garage	Used motor oil	Gal	U	Oil		N
Garage	All purpose cleaner/degreaser	Gal	U	VOCs, SVOCs		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.

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 Alex Smith Date/Time Prepared 7/19/22 11:00 am

Preparer's Affiliation ECS Mid-Atlantic, LLC Phone No. 609-832-3910

Purpose of Investigation Determine indoor/outdoor air quality

1. OCCUPANT:

Interviewed: Y / N

Last Name: Morash First Name: Samantha

Address: 19 Kensico Drive

County: Westchester

Home Phone: _____ Office Phone: 240-800-5621

Number of Occupants/persons at this location 0 Age of Occupants _____

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) Occasional vehicle storage, otherwise empty building

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors 1 Building age_____

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:

Airflow between floors

_____

_____

_____

Airflow near source

_____

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

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: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

_____

_____

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 Waste oil in service center

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	_____
1st Floor	Car storage, double decker car lifts
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 Vehicles

d. Has the building ever had a fire? Y / N When? 2005-2007

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) No
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

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.

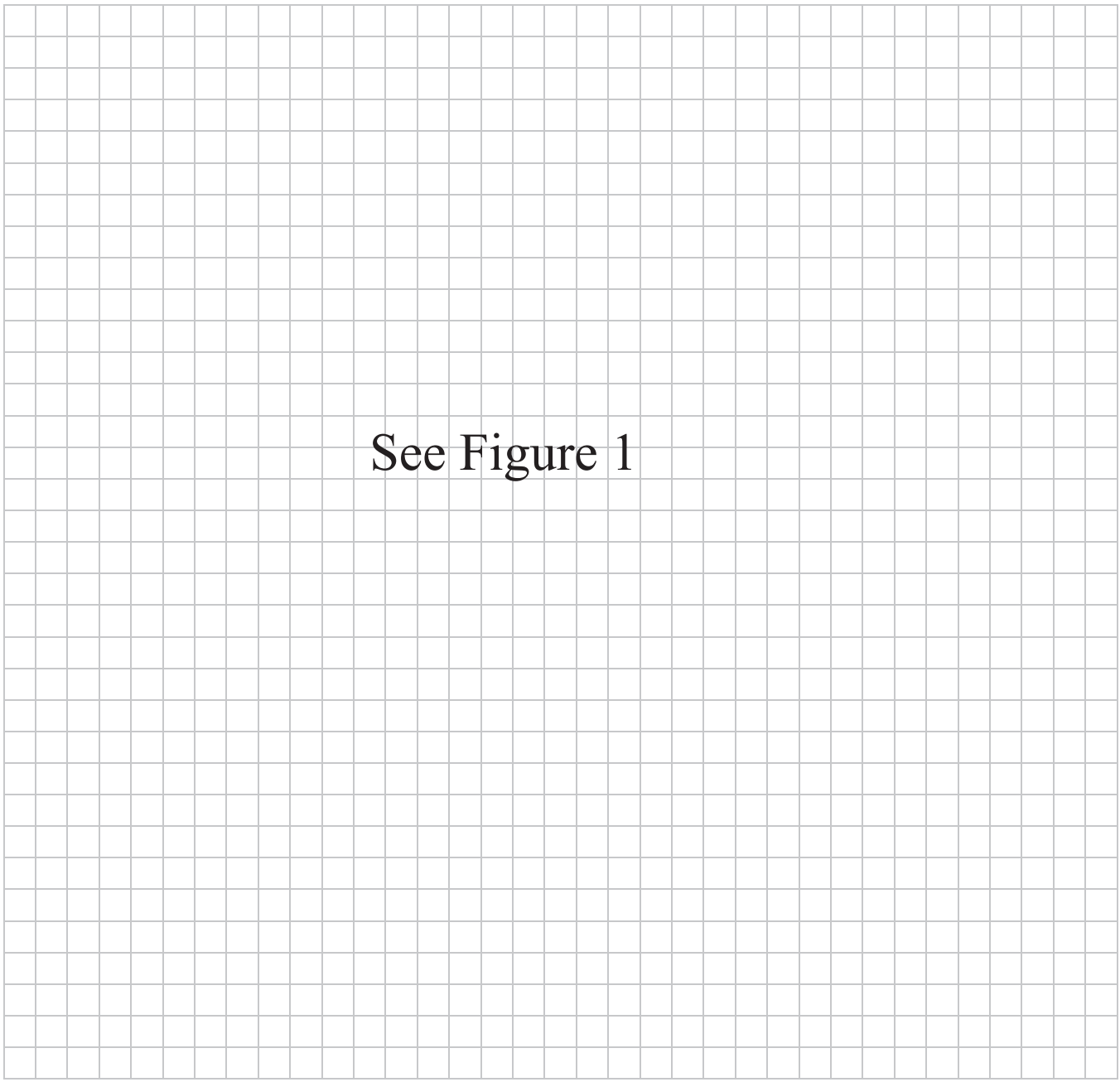
Basement:

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.



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.

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.