August 24, 2022

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

ECS Project No. 95:1046-A

Reference: *Environmental Subsurface Evaluation*
Brooks Custom
15 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 property (Site). The services were performed in accordance with ECS Proposal No. 95:1099A-EP, authorized on July 18, 2022.

1.0 PROJECT BACKGROUND

The Site consists of 0.78-acres and is improved with Brooks Custom, a two-story building used for woodworking and cabinetry. An aerial photograph showing the Site is provided as **Figure 1**. ECS completed a Phase I Environmental Site Assessment (ESA) of the Site on June 15, 2022 (ECS Project No. 47:14550), which identified the following recognized environmental conditions (RECs):

- The subject property is depicted as a copper tubing manufacturer and printing facility in the 1949 Sanborn. Additionally, the subject property is depicted as a farm machine manufacturer in the 1971 Sanborn. Furthermore, the subject property was identified on the City Directory as an automotive transmission repair shop from 1982 to 2004. ECS spoke with the Hydrogeologist, Sean Grozskowski, formerly employed with LBG, who completed the 2004 Phase I ESA and 2005 Phase II ESA for the subject property to further assess the RECs identified in the 2004 Phase I ESA. Sean indicated that soil and groundwater samples were collected from the vicinity of the identified RECs. Sean indicated that only semi-volatile organic compounds (SVOCs) were reported at trace levels and all other contaminants of concern were not identified. Sean indicated that LBG underwent a merger and the files for the subject property were not retained. ECS considers the lack of reporting to represent a data gap. Based on the lack of reporting, ECS considers the historical operations as a copper tubing manufacturer, printing facility, and automotive transmission repair shop to represent a REC for the subject property.

- A portion of the subject property was observed to be a within a potential 15.3-acre groundwater contamination plume mapped by the New York State Department of Environmental Conservation (NYSDEC). The area-wide groundwater investigation was initiated based on the findings of a brownfields investigation at 41 Kensico Drive, located

north of the subject property. This 41 Kensico Drive investigation found chlorinated volatile organic compounds, 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. The groundwater plume is currently listed with a Class P designation with site designation number 360203 under the State Superfund Program under the name: Kisco Avenue Groundwater. Currently, a Site Characterization is planned to determine the environmental assessment needed for remediation. Class P sites are sites that 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. No other information was available pertaining to this case at the time of this Phase I report. ECS considers this listing to represent a REC for the subject property.

2.0 OBJECTIVE

ECS was requested to conduct an Environmental Subsurface Evaluation at the Site to evaluate the potential impacts of the identified RECs at the Site, including evaluating potential impacts related to the industrial use and vehicle maintenance activities at the subject property and the potential TCE plume migrating onto the property. 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 Site, 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 potential air quality issues at the Site.

3.1 Geophysical Exploration

A geophysical exploration was performed by GPRS, under the observation of ECS, across the Site on July 19, 2022 to clear the proposed probe locations with respect to on-site 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.

Anomalies were observed in the area of the identified closed-in-place fuel oil UST, and several underground utilities were identified throughout the Site. 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

UDig NY was contacted to conduct a public utility clearance prior to Environmental Subsurface Evaluation activities. The soil probes were advanced on July 20th and 21st, 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 on-site 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 four probes were advanced to depths ranging from 4 ft to 16 ft bgs. The location of each soil probe is depicted on **Figure 2** and described below:

- Soil Probe 15-SB-01 was advanced in the northwest area of the Site;
- Soil Probe 15-SB-02 was advanced in the southwest area of the Site;
- Soil Probe 15-SB-03 was advanced directly east of the closed-in-place UST; and
- Soil Probe 15-SB-04 was advanced in the northeast area of the Site.

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**).

Sampling equipment was 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 1 ft bgs to 6 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 Site were analyzed by the laboratory for Target Compound List Volatile Organic Compounds (TCL VOCs), Semi-Volatile Organic Compounds (SVOCs), Polychlorinated Biphenyls (PCBs), and TAL Metals. 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 borings 15-SB-01, 15-SB-02 and 15-SB-03, as described in Section 3.3. Boring 15-SB-04 was backfilled with soil cuttings and bentonite clay. Asphalt patching was used to restore the asphalt surface.

3.3 Groundwater Sampling

Temporary 1-inch diameter PVC groundwater piezometers were installed at three of the probe locations to allow for groundwater sampling: 15-SB-01, 15-SB-02, and 15-SB-03. The piezometers were screened so that the top of groundwater fell within the screened zone. Each piezometer was purged of three to five volumes of water using a peristatic pump with new tubing, using low flow purging rates (less than 500 ml/min). Groundwater in each temporary PVC well was generally observed to still be silty at the end of purging. Each sample was then 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 PVC 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 from the Site were analyzed by the laboratory for TCL VOCs, SVOCs, PCBs, and TAL Metals. 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 monitoring well were established and tied into a control point on the Site, 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 PVC wells were removed from the probe locations. Soil cuttings 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 two indoor air samples and one outdoor (ambient) air sample. Three 6-liter Summa Canisters equipped with 8-hour flow controllers were strategically placed in representative locations inside and outside of the project Site building. Approximately 8 hours after opening the Summa Canisters, ECS closed the canisters and retrieved the samples.

Additionally, two sub-slab soil vapor collection locations were proposed within the project Site building. On July 21, 2022, after the indoor air sampling was completed, ECS collected one sub-slab soil vapor sample. Due to slab thickness, the second sample was unable to be collected. 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 Pin^{TM} 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. The probe was purged of three to five volumes at a rate not exceeding 200 milliliters per minute. During purging, a leak test was conducted by putting a shroud around the point and releasing helium into that shroud. The purged

gas was analyzed for helium using a field meter and considered sufficient 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. A copy of the chain-of custody is included in the laboratory report provided as **Attachment 3**. Additionally, a copy of the completed New York State Department of Health Indoor Air Quality Questionnaire and Building Inventory related to this Vapor Intrusion Assessment can be found in **Attachment 4**.

4.0 EVALUATION OF RESULTS

4.1 Hydrogeological Conditions Encountered

The geological materials encountered included a fill material consisting of sand, crushed rock, brick, and burnt debris to depths from 0.5 ft bgs down to 4 ft bgs. Ash and burnt debris were encountered in the fill on the eastern side of the Site in borings 15-SB-03 and 15-SB-04. Underlying native soils appeared to consist of a brown silty sand and clayey silt. Equipment refusal generally associated with intercepting bedrock was not encountered in any of the soil probes throughout the Site.

PID readings were generally less than 3 ppm, with the exception of approximately 2 feet bgs in 15-SB-03 which had a reading of 28.2 ppm. Additionally, while no obvious indications of petroleum or hazardous materials impacts were identified in probes advanced throughout the Site, the highest PID readings were generally found within a layer of apparent fill material which included burnt building rubble on the eastern portion of the Site.

Groundwater was encountered in the three temporary monitoring wells from approximately 4 to 6 feet bgs. **Table 1** summarizes the groundwater depths and relative elevations measured in the monitoring wells prior to sampling. Based on the three temporary wells, the shallow groundwater flow is toward the south. No non-aqueous phase liquid was encountered, 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** and **Figure 3**. A copy of the laboratory analytical report is included in **Attachment 3.** Soil sample results for samples 15-SB-01 through 15-SB-04 were compared to the NYSDEC Commercial Soil Cleanup Objectives (SCOs) as well as the NYSDEC Protection of Groundwater SCOs. Exceedances of SCOs were limited to samples 15-SB-03 and 15-SB-04 on the eastern portion of the Site:

- Only one VOC, acetone, was found slightly above the Protection of Groundwater SCO in sample 15-SB-04, collected from the 2-4 ft bgs interval, near the rail line. No VOCs were detected above the Commercial SCOs.

- Only one SVOC, chrysene, was found slightly above the Protection of Groundwater Soil Cleanup Objectives in sample 15-SB-04 near the rail line. No SVOCs were found above the Commercial SCOs.

- Total PCBs were found above their Commercial SCO but below the Protection of Groundwater SCO in samples 15-SB-04 and 15-SB-03.

- Two metals exceeded the SCOs in sample15-SB-04 near the rail line. Copper exceeded its Commercial and Protection of Groundwater SCOs and lead exceeded the Protection of Groundwater SCO.

4.3 Groundwater Analytical Results

The results of the analytical testing for the groundwater samples are summarized on **Table 3** and **Figure 4**. A copy of the laboratory analytical report is included in **Attachment 3.**

Groundwater sample results for samples 15-TW-01 through 15-TW-03 were compared to the NYSDEC Groundwater Ambient Water Quality Standard (AWQS) for Class GA water. The exceedances of the AWQS included:

- Two VOCs were detected above their AWQS: TCE and its degradation product, cis-1,2-dichloroethene (cis-1,2-DCE) in the sample from 15-TW-01 at the Site's northwest corner. No other VOCs exceeded AWQS.

- Four SVOCs were detected above their AWQS. Chrysene was detected above its AWQS in samples 15-TW-02 and 15-TW-03. Three polycyclic aromatic hydrocarbons (PAHs), benzo (a)anthracene, benzo(b)fluoranthene, and benzo(k)fluoranthene, exceeded their AWQSs in sample 15-TW-02. These compounds are likely associated with the fill and/or burnt debris at the Site and may be attributed to silt in the samples, rather than true dissolved concentrations.

- Several metals exceeded the AWQS in all three groundwater samples. These samples were unfiltered and the water was silty, the metals are likely attributed to silt in the sample rather than dissolved concentrations.

4.4 Vapor Intrusion Analytical Results

The results of the analytical testing for the indoor air and soil vapor samples are summarized on **Table 4** and **Figure 5**. A copy of the laboratory analytical report is included in **Attachment 3**. Results for indoor samples 15-IAQ-01, 15-IAQ-02, and 15-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 sample15-SSVP-010 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 matrices criteria in both indoor air and was also detected in a similar concentration in outdoor ambient air. Carbon tetrachloride was not detected in soil gas above the laboratory detection limit, but the detection limit was elevated due to the dilution, required due to the presence of other compounds at high concentrations in the sample. The NYSDOH Matrix recommendation is to monitor due to the elevated soil gas detection limit, but since this is attributed to outdoor background further monitoring is likely not necessary.

- Methylene chloride was detected above the minimum decision matrices criteria in one indoor air sample 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.

- Trichloroethene was detected in one of the two indoor air samples above the minimum decision matrix criteria. The soil gas concentration was well above the minimum decision matrix criteria. Based on the soil gas concentration, NYSDOH Matrix recommendation is to mitigate regardless of the indoor air concentration.

5.0 CONCLUSIONS

A Subsurface Evaluation was completed at the subject property 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 sand, crushed rock, brick, and burnt debris to depths from 0.5 ft bgs down to 4 ft bgs. Underlying native soils appeared to consist of a brown silty sand and clayey silt.

- Groundwater was encountered in the three temporary wells from approximately 4 feet to 6 ft bgs. Based on the three temporary wells, the shallow groundwater flow is toward the south.

- In the four soil samples, exceedances of the NYSDEC Protection of Groundwater and/or Commercial SCOs were only detected in the eastern soil samples, including 15-SB-03 near the UST and 15-SB-04 near the rail line:
    - One VOC, acetone, was found slightly above the Protection of Groundwater SCO in sample 15-SB-04.
    - Chrysene, was found slightly above the Protection of Groundwater Soil Cleanup Objectives in sample 15-SB-04.
    - Total PCBs were found above their Commercial SCO but below the Protection of Groundwater SCO in samples 15-SB-04 and 15-SB-03.

  - Two metals exceeded the SCOs in sample15-SB-04 near the rail line. Copper exceeded its Commercial and Protection of Groundwater SCOs and lead exceeded the Protection of Groundwater SCO.

- Three groundwater samples were collected from temporary monitoring wells. The exceedances of the AWQS included:
  - TCE and its degradation product, cis-1,2-DCE in the sample from 15-TW-01 at the Site's northwest corner. No other VOCs exceeded AWQS.
  - SVOCs were detected above their NYSDEC AWQS in two of the three groundwater samples. Several metals were detected above their AWQS in all three samples. These compounds are likely associated with the fill and/or burnt debris at the Site and are attributed to silt in the samples, rather than true dissolved concentrations.

- Two indoor air samples were collected, one with a paired sub-slab soil vapor 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 the NYSDOH Decision Matrices for indoor air and/or soil vapor:
  - Carbon tetrachloride exceeded the minimum decision matrix criteria in indoor air and was also detected at a similar concentration in outdoor ambient air. Carbon tetrachloride was not detected in soil gas, but the detection limit was elevated due to the required dilution. The NYSDOH matrix recommendation is to monitor due to the elevated soil gas detection limit, but since this is attributed to outdoor background further monitoring is likely not necessary.
  - Methylene chloride was detected above the minimum decision matrix criteria on indoor air sample but was not detected in soil gas. The NYSDOH recommendation is no further action.
  - Trichloroethene was detected in one of the two indoor air samples above the minimum decision matrix criteria. The soil gas concentration was well above the decision matrix criteria. The NYSDOH matric recommendation is to mitigate.

The previous Phase I ESA completed by ECS, and discussed in Section 1.0 of this report, did not identify any current on-site uses of TCE, nor historical operations that would likely have used TCE. Therefore, based on the results of this Environmental Subsurface Evaluation, groundwater impacts on the northeastern portion of the Site are attributed to the area-wide TCE groundwater plume that is currently under investigation pursuant to the Class P listing (360203). A source of TCE and cis-1,2-DCE was not identified in soil as a result of this Environmental Subsurface Evaluation; TCE was not detected in the soil samples. TCE's daughter product, cis-1,2-dichloroethene, was also detected in groundwater in this area. Sub-slab soil gas and indoor air had detections of TCE above the minimum NYSDOH Decision Matrix Criteria. Based on the detected concentrations, the NYSDOH Matrix recommendation is to mitigate for vapor intrusion of TCE.

Petroleum compounds were not detected in soil or groundwater above applicable NYSDEC criteria, indicating there has not been extensive impacts from the UST former petroleum use at the Site. PCBs in soil and SVOCs and metals in soil and groundwater are likely attributed to fill at

the Site. The fill includes burnt debris in the eastern portion of the Site that may be related to a former fire on the adjoining property that reportedly occurred in the mid to late 2000s.

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 Site in this particular geographic and geologic setting, and the areas of the Site 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 Site 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 client Glen Mill Properties, LLC, its 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

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CC: Kay Linnell, ECS
Ryan Croyle, ECS

Attachments: Figures

Figure 1	Site 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

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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

15 Kensico Drive
Mount Kisco, New York

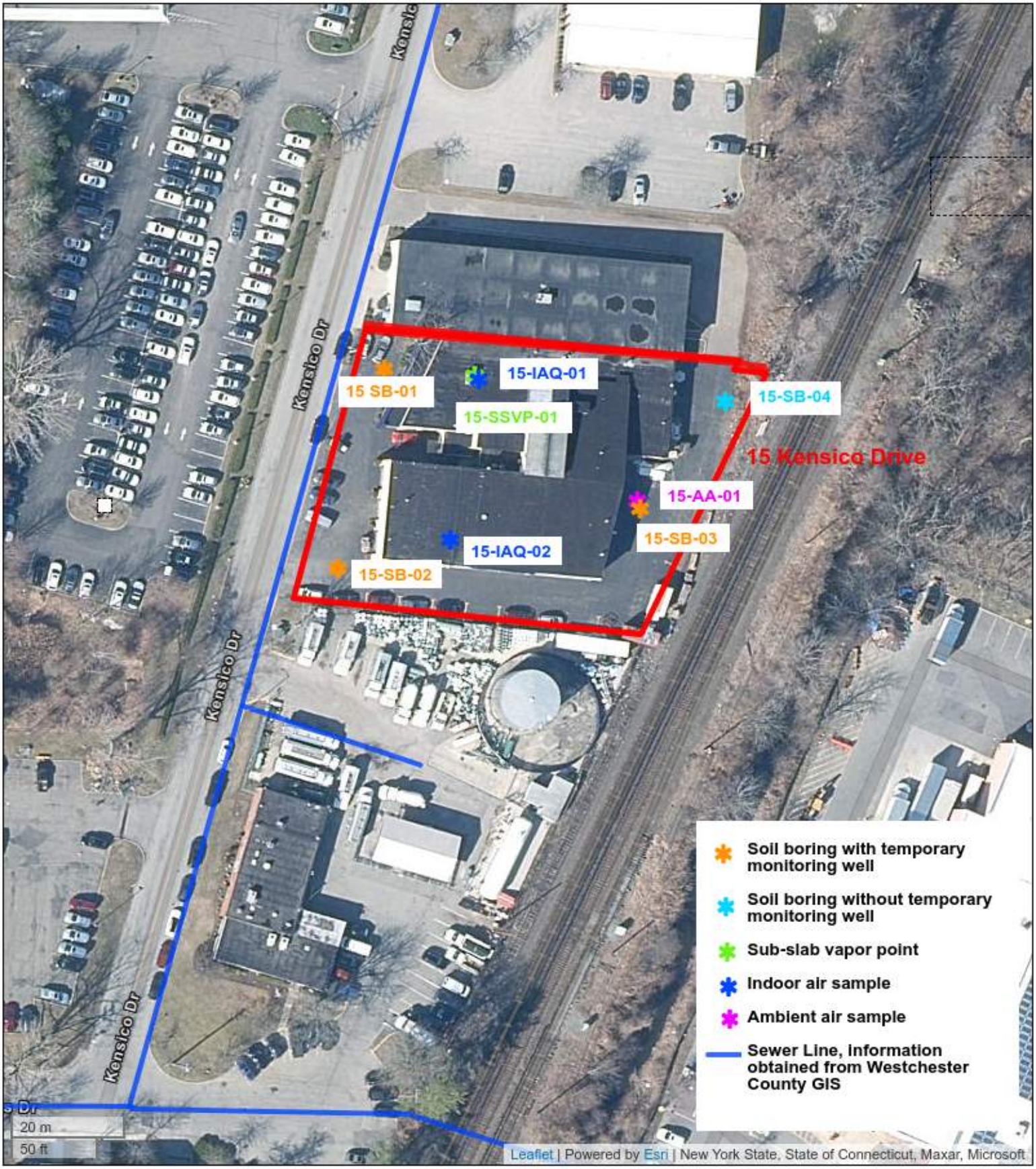


Figure 2 — Sample Location Map

15 Kensico Drive
Mount Kisco, New York

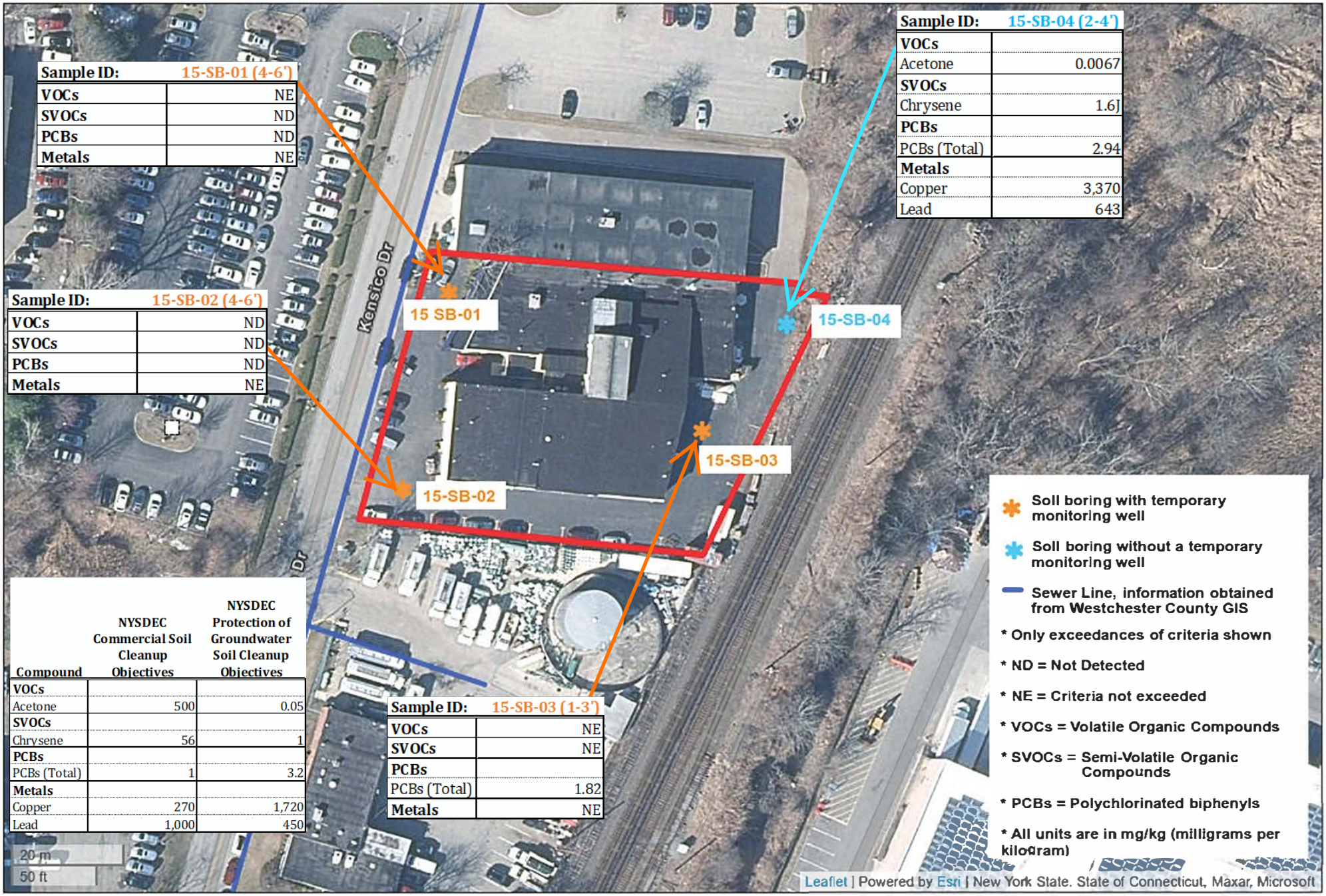
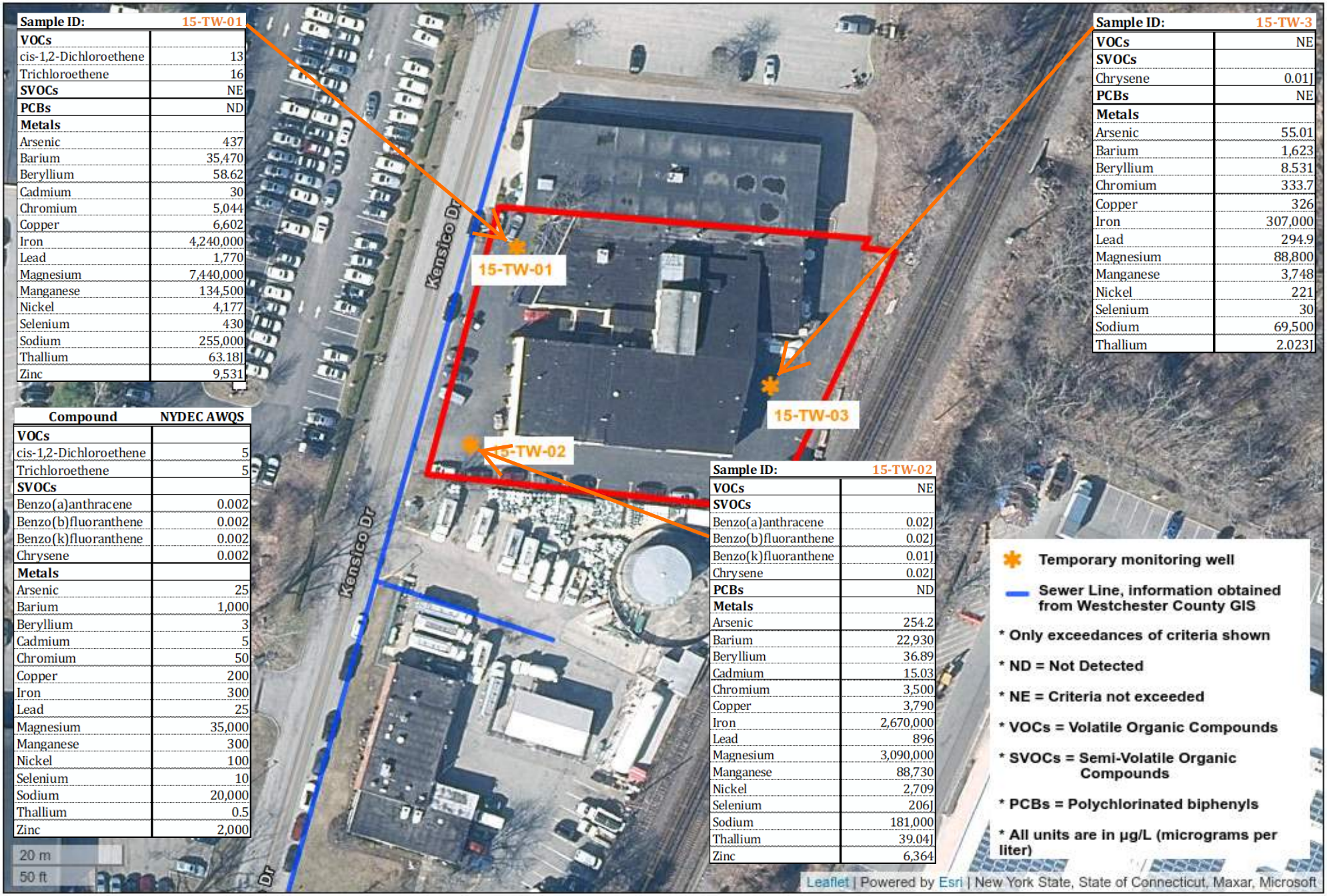


Figure 3 — Soil Results Map

15 Kensico Drive
Mount Kisco, New York



Sample ID:	15-TW-01
VOCs	
cis-1,2-Dichloroethene	13
Trichloroethene	16
SVOCs	NE
PCBs	ND
Metals	
Arsenic	437
Barium	35,470
Beryllium	58.62
Cadmium	30
Chromium	5,044
Copper	6,602
Iron	4,240,000
Lead	1,770
Magnesium	7,440,000
Manganese	134,500
Nickel	4,177
Selenium	430
Sodium	255,000
Thallium	63.18J
Zinc	9,531

Compound	NYDEC AWQS
VOCs	
cis-1,2-Dichloroethene	5
Trichloroethene	5
SVOCs	
Benzo(a)anthracene	0.002
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Metals	
Arsenic	25
Barium	1,000
Beryllium	3
Cadmium	5
Chromium	50
Copper	200
Iron	300
Lead	25
Magnesium	35,000
Manganese	300
Nickel	100
Selenium	10
Sodium	20,000
Thallium	0.5
Zinc	2,000

Sample ID:	15-TW-02
VOCs	NE
SVOCs	
Benzo(a)anthracene	0.02J
Benzo(b)fluoranthene	0.02J
Benzo(k)fluoranthene	0.01J
Chrysene	0.02J
PCBs	ND
Metals	
Arsenic	254.2
Barium	22,930
Beryllium	36.89
Cadmium	15.03
Chromium	3,500
Copper	3,790
Iron	2,670,000
Lead	896
Magnesium	3,090,000
Manganese	88,730
Nickel	2,709
Selenium	206J
Sodium	181,000
Thallium	39.04J
Zinc	6,364

Sample ID:	15-TW-3
VOCs	NE
SVOCs	
Chrysene	0.01J
PCBs	NE
Metals	
Arsenic	55.01
Barium	1,623
Beryllium	8.531
Chromium	333.7
Copper	326
Iron	307,000
Lead	294.9
Magnesium	88,800
Manganese	3,748
Nickel	221
Selenium	30
Sodium	69,500
Thallium	2.023J

Temporary monitoring well

Sewer Line, information obtained from Westchester County GIS

* Only exceedances of criteria shown

* ND = Not Detected

* NE = Criteria not exceeded

* VOCs = Volatile Organic Compounds

* SVOCs = Semi-Volatile Organic Compounds

* PCBs = Polychlorinated biphenyls

* All units are in µg/L (micrograms per liter)

Figure 4 — Groundwater Results Map

15 Kensico Drive
Mount Kisco, New York

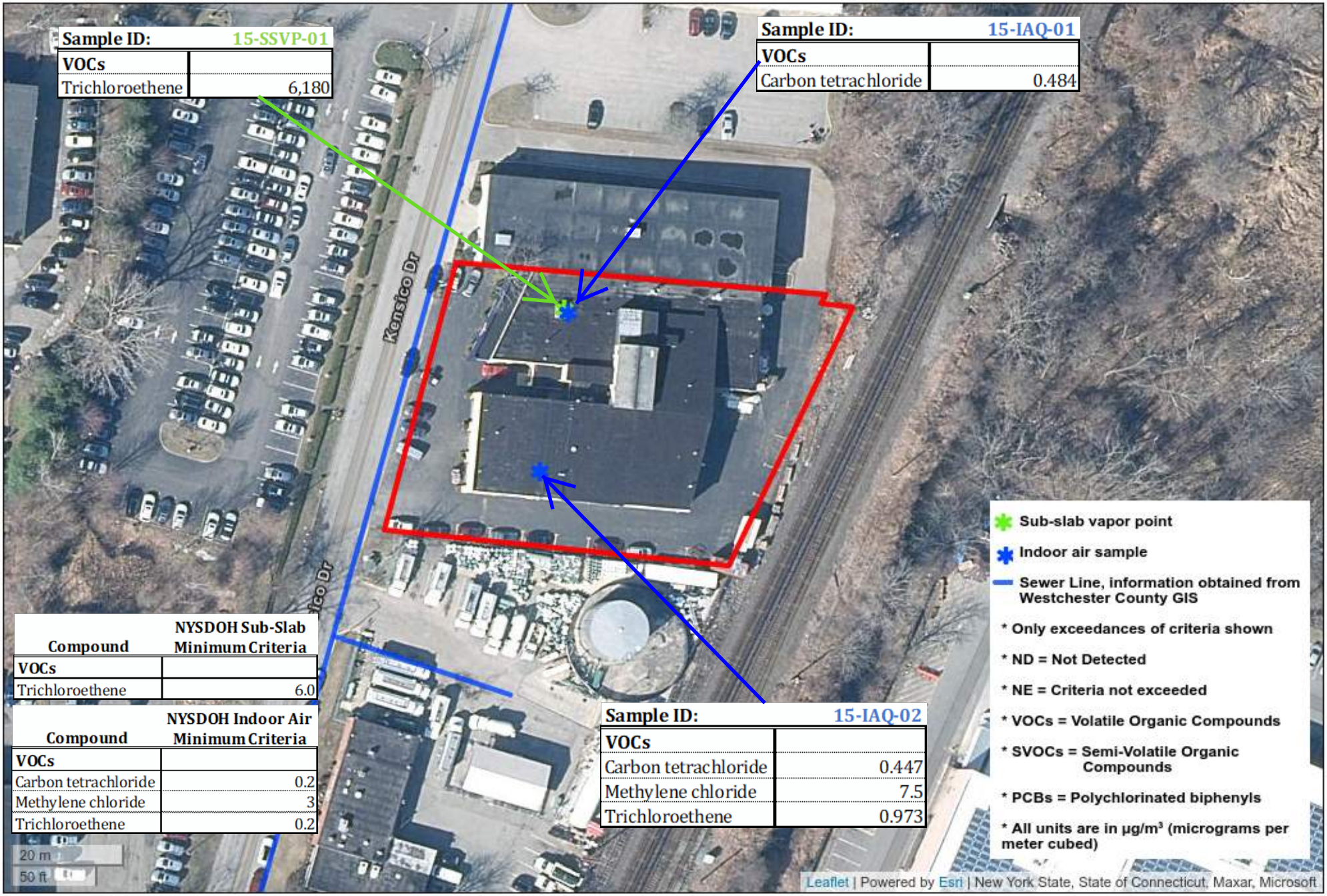


Figure 5 — Air/Vapor Results Map

15 Kensico Drive
Mount Kisco, New York

TABLES

Table 1
Groundwater Elevation Data Summary
15 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 Screen (feet)	Depth to SPL	Depth to Water (feet below top of casing)	SPL Thickness (Ft.)	Ground Water Elevation (feet above MSL)
15-TW-01* **								
	289.50	286.15	276.15	3.35	ND	4.23	ND	285.27
15-TW-02								
	287.80	284.59	276.29	3.21	ND	3.96	ND	283.84
15-TW-03								
	289.96	285.00	280.00	4.96	ND	5.76	ND	284.20

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

*** 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
15 Kensico Drive
Mount Kisco, NY

Compound	CAS Number	Units	NYSDEC Commercial Soil Cleanup Objectives	NYSDEC Protection of Groundwater Soil Cleanup Objectives	Location:	15-SB-01		15-SB-02		15-SB-03		15-SB-04	
					Sample Date:	7/21/2022		7/21/2022		7/21/2022		7/21/2022	
					Sample Depth (ft)	4 to 6		4 to 6		1 to 3		2 to 4	
						Results	RL	Results	RL	Results	RL	Results	RL
Volatile Organics by EPA 5035													
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	NS	NS		ND	0.00046	ND	0.0005	ND	0.039	ND	0.00058
1,1,1-Trichloroethane	71-55-6	mg/kg	500	0.68		ND	0.00046	ND	0.0005	ND	0.039	ND	0.00058
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	NS	NS		ND	0.00046	ND	0.0005	ND	0.039	ND	0.00058
1,1,2-Trichloroethane	79-00-5	mg/kg	NS	NS		ND	0.00092	ND	0.001	ND	0.079	ND	0.0012
1,1-Dichloroethane	75-34-3	mg/kg	240	0.27		ND	0.00092	ND	0.001	ND	0.079	ND	0.0012
1,1-Dichloroethene	75-35-4	mg/kg	500	0.33		ND	0.00092	ND	0.001	ND	0.079	ND	0.0012
1,1-Dichloropropene	563-58-6	mg/kg	NS	NS		ND	0.00046	ND	0.0005	ND	0.039	ND	0.00058
1,2,3-Trichlorobenzene	87-61-6	mg/kg	NS	NS		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023
1,2,3-Trichloropropane	96-18-4	mg/kg	NS	NS		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023
1,2,4,5-Tetramethylbenzene	95-93-2	mg/kg	NS	NS		ND	0.0018	ND	0.0021	0.18	0.16	ND	0.0023
1,2,4-Trichlorobenzene	120-82-1	mg/kg	NS	NS		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023
1,2,4-Trimethylbenzene	95-63-6	mg/kg	190	3.6		ND	0.0018	ND	0.0021	0.13J	0.16	ND	0.0023
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg	NS	NS		ND	0.0028	ND	0.0031	ND	0.24	ND	0.0035
1,2-Dibromoethane	106-93-4	mg/kg	NS	NS		ND	0.00092	ND	0.001	ND	0.079	ND	0.0012
1,2-Dichlorobenzene	95-50-1	mg/kg	500	1.1		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023
1,2-Dichloroethane	107-06-2	mg/kg	30	0.02		ND	0.00092	ND	0.001	ND	0.079	ND	0.0012
1,2-Dichloroethene, Total	540-59-0	mg/kg	NS	NS		0.031	0.00092	ND	0.001	ND	0.079	ND	0.0012
1,2-Dichloropropane	78-87-5	mg/kg	NS	NS		ND	0.00092	ND	0.001	ND	0.079	ND	0.0012
1,3,5-Trimethylbenzene	108-67-8	mg/kg	190	8.4		ND	0.0018	ND	0.0021	0.036J	0.16	ND	0.0023
1,3-Dichlorobenzene	541-73-1	mg/kg	280	2.4		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023
1,3-Dichloropropane	142-28-9	mg/kg	NS	NS		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023
1,3-Dichloropropene, Total	542-75-6	mg/kg	NS	NS		ND	0.00046	ND	0.0005	ND	0.039	ND	0.00058
1,4-Dichlorobenzene	106-46-7	mg/kg	130	1.8		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023
1,4-Dioxane	123-91-1	mg/kg	130	0.1		ND	0.074	ND	0.084	ND	6.3	ND	0.093
2,2-Dichloropropane	594-20-7	mg/kg	NS	NS		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023
2-Butanone	78-93-3	mg/kg	500	0.12		ND	0.0092	ND	0.01	ND	0.79	0.011J	0.012
2-Hexanone	591-78-6	mg/kg	NS	NS		ND	0.0092	ND	0.01	ND	0.79	ND	0.012
4-Methyl-2-pentanone	108-10-1	mg/kg	NS	NS		ND	0.0092	ND	0.01	ND	0.79	ND	0.012
Acetone	67-64-1	mg/kg	500	0.05		ND	0.0092	ND	0.01	ND	0.79	0.067	0.012
Acrylonitrile	107-13-1	mg/kg	NS	NS		ND	0.0037	ND	0.0042	ND	0.31	ND	0.0046
Benzene	71-43-2	mg/kg	44	0.06		ND	0.00046	ND	0.0005	ND	0.039	ND	0.00058
Bromobenzene	108-86-1	mg/kg	NS	NS		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023
Bromochloromethane	74-97-5	mg/kg	NS	NS		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023
Bromodichloromethane	75-27-4	mg/kg	NS	NS		ND	0.00046	ND	0.0005	ND	0.039	ND	0.00058
Bromoform	75-25-2	mg/kg	NS	NS		ND	0.0037	ND	0.0042	ND	0.31	ND	0.0046
Bromomethane	74-83-9	mg/kg	NS	NS		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023
Carbon disulfide	75-15-0	mg/kg	NS	NS		ND	0.0092	ND	0.01	ND	0.79	ND	0.012
Carbon tetrachloride	56-23-5	mg/kg	22	0.76		ND	0.00092	ND	0.001	ND	0.079	ND	0.0012
Chlorobenzene	108-90-7	mg/kg	500	1.1		ND	0.00046	ND	0.0005	ND	0.039	ND	0.00058
Chloroethane	75-00-3	mg/kg	NS	NS		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023
Chloroform	67-66-3	mg/kg	350	0.37		ND	0.0014	ND	0.0016	ND	0.12	ND	0.0017
Chloromethane	74-87-3	mg/kg	NS	NS		ND	0.0037	ND	0.0042	ND	0.31	ND	0.0046
cis-1,2-Dichloroethene	156-59-2	mg/kg	500	0.25		0.029	0.00092	ND	0.001	ND	0.079	ND	0.0012
cis-1,3-Dichloropropene	10061-01-5	mg/kg	NS	NS		ND	0.00046	ND	0.0005	ND	0.039	ND	0.00058
Dibromochloromethane	124-48-1	mg/kg	NS	NS		ND	0.00092	ND	0.001	ND	0.079	ND	0.0012
Dibromomethane	74-95-3	mg/kg	NS	NS		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023
Dichlorodifluoromethane	75-71-8	mg/kg	NS	NS		ND	0.0092	ND	0.01	ND	0.79	ND	0.012
Ethyl ether	60-29-7	mg/kg	NS	NS		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023
Ethylbenzene	100-41-4	mg/kg	390	1		ND	0.00092	ND	0.001	0.92	0.079	ND	0.0012
Hexachlorobutadiene	87-68-3	mg/kg	NS	NS		ND	0.0037	ND	0.0042	ND	0.31	ND	0.0046
Isopropylbenzene	98-82-8	mg/kg	NS	NS		ND	0.00092	ND	0.001	0.079	0.079	ND	0.0012
Methyl tert butyl ether	1634-04-4	mg/kg	500	0.93		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023

Table 2
Summary of Soil Analytical Results
15 Kensico Drive
Mount Kisco, NY

Compound	CAS Number	Units	NYSDEC Commercial Soil Cleanup Objectives	NYSDEC Protection of Groundwater Soil Cleanup Objectives	Location:	15-SB-01		15-SB-02		15-SB-03		15-SB-04	
					Sample Date:	7/21/2022		7/21/2022		7/21/2022		7/21/2022	
					Sample Depth (ft)	4 to 6		4 to 6		1 to 3		2 to 4	
						Results	RL	Results	RL	Results	RL	Results	RL
Methylene chloride	75-09-2	mg/kg	500	0.05		ND	0.0046	ND	0.0052	ND	0.39	ND	0.0058
Naphthalene	91-20-3	mg/kg	500	12		ND	0.0037	ND	0.0042	8	0.31	ND	0.0046
n-Butylbenzene	104-51-8	mg/kg	500	12		ND	0.00092	ND	0.001	0.032J	0.079	ND	0.0012
n-Propylbenzene	103-65-1	mg/kg	500	3.9		ND	0.00092	ND	0.001	0.047J	0.079	ND	0.0012
o-Chlorotoluene	95-49-8	mg/kg	NS	NS		ND	0.0018	ND	0.0021	ND	0.16	0.00048J	0.0023
o-Xylene	95-47-6	mg/kg	NS	NS		ND	0.00092	ND	0.001	0.22	0.079	ND	0.0012
p/m-Xylene	179601-23-1	mg/kg	NS	NS		ND	0.0018	ND	0.0021	1.4	0.16	ND	0.0023
p-Chlorotoluene	106-43-4	mg/kg	NS	NS		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023
p-Diethylbenzene	105-05-5	mg/kg	NS	NS		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023
p-Ethyltoluene	622-96-8	mg/kg	NS	NS		ND	0.0018	ND	0.0021	0.1J	0.16	ND	0.0023
p-Isopropyltoluene	99-87-6	mg/kg	NS	NS		ND	0.00092	ND	0.001	0.019J	0.079	ND	0.0012
sec-Butylbenzene	135-98-8	mg/kg	500	11		ND	0.00092	ND	0.001	0.023J	0.079	ND	0.0012
Styrene	100-42-5	mg/kg	NS	NS		ND	0.00092	ND	0.001	ND	0.079	ND	0.0012
tert-Butylbenzene	98-06-6	mg/kg	500	5.9		ND	0.0018	ND	0.0021	ND	0.16	ND	0.0023
Tetrachloroethene	127-18-4	mg/kg	150	1.3		ND	0.00046	ND	0.0005	ND	0.039	ND	0.00058
Toluene	108-88-3	mg/kg	500	0.7		ND	0.00092	ND	0.001	0.076J	0.079	ND	0.0012
trans-1,2-Dichloroethene	156-60-5	mg/kg	500	0.19		0.0018	0.0014	ND	0.0016	ND	0.12	ND	0.0017
trans-1,3-Dichloropropene	10061-02-6	mg/kg	NS	NS		ND	0.00092	ND	0.001	ND	0.079	ND	0.0012
trans-1,4-Dichloro-2-butene	110-57-6	mg/kg	NS	NS		ND	0.0046	ND	0.0052	ND	0.39	ND	0.0058
Trichloroethene	79-01-6	mg/kg	200	0.47		0.054	0.00046	ND	0.0005	ND	0.039	ND	0.00058
Trichlorofluoromethane	75-69-4	mg/kg	NS	NS		ND	0.0037	ND	0.0042	ND	0.31	ND	0.0046
Vinyl acetate	108-05-4	mg/kg	NS	NS		ND	0.0092	ND	0.01	ND	0.79	ND	0.012
Vinyl chloride	75-01-4	mg/kg	13	0.02		ND	0.00092	ND	0.001	ND	0.079	ND	0.0012
Xylenes, Total	1330-20-7	mg/kg	500	1.6		ND	0.00092	ND	0.001	1.6	0.079	ND	0.0012
Semivolatile Organics													
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
1,2,4-Trichlorobenzene	120-82-1	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
1,2-Dichlorobenzene	95-50-1	mg/kg	500	1.1		ND	0.2	ND	0.21	ND	0.18	ND	3.8
1,3-Dichlorobenzene	541-73-1	mg/kg	280	2.4		ND	0.2	ND	0.21	ND	0.18	ND	3.8
1,4-Dichlorobenzene	106-46-7	mg/kg	130	1.8		ND	0.2	ND	0.21	ND	0.18	ND	3.8
1,4-Dioxane	123-91-1	mg/kg	130 NS	0.1 NS		ND	0.03	ND	0.031	ND	0.027	ND	0.56
2,4,5-Trichlorophenol	95-95-4	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
2,4,6-Trichlorophenol	88-06-2	mg/kg	NS	NS		ND	0.12	ND	0.12	ND	0.11	ND	2.2
2,4-Dichlorophenol	120-83-2	mg/kg	NS	NS		ND	0.18	ND	0.19	ND	0.16	ND	3.4
2,4-Dimethylphenol	105-67-9	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
2,4-Dinitrophenol	51-28-5	mg/kg	NS	NS		ND	0.96	ND	1	ND	0.86	ND	18
2,4-Dinitrotoluene	121-14-2	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
2,6-Dinitrotoluene	606-20-2	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
2-Chloronaphthalene	91-58-7	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
2-Chlorophenol	95-57-8	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
2-Methylnaphthalene	91-57-6	mg/kg	NS	NS		ND	0.24	ND	0.25	0.44	0.21	0.45J	4.5
2-Methylphenol	95-48-7	mg/kg	500	0.33		ND	0.2	ND	0.21	ND	0.18	ND	3.8
2-Nitroaniline	88-74-4	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
2-Nitrophenol	88-75-5	mg/kg	NS	NS		ND	0.43	ND	0.45	ND	0.39	ND	8.1
3,3'-Dichlorobenzidine	91-94-1	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	mg/kg	500	0.33		ND	0.29	ND	0.3	0.12J	0.26	ND	5.4
3-Nitroaniline	99-09-2	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
4,6-Dinitro-o-cresol	534-52-1	mg/kg	NS	NS		ND	0.52	ND	0.54	ND	0.46	ND	9.8
4-Bromophenyl phenyl ether	101-55-3	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
4-Chloroaniline	106-47-8	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
4-Nitroaniline	100-01-6	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8

Table 2
Summary of Soil Analytical Results
15 Kensico Drive
Mount Kisco, NY

Compound	CAS Number	Units	NYSDEC Commercial Soil Cleanup Objectives	NYSDEC Protection of Groundwater Soil Cleanup Objectives	Location:	15-SB-01		15-SB-02		15-SB-03		15-SB-04	
					Sample Date:	7/21/2022		7/21/2022		7/21/2022		7/21/2022	
					Sample Depth (ft)	4 to 6		4 to 6		1 to 3		2 to 4	
						Results	RL	Results	RL	Results	RL	Results	RL
4-Nitrophenol	100-02-7	mg/kg	NS	NS		ND	0.28	ND	0.29	ND	0.25	ND	5.3
Acenaphthene	83-32-9	mg/kg	500	98		ND	0.16	ND	0.17	0.091J	0.14	ND	3
Acenaphthylene	208-96-8	mg/kg	500	107		ND	0.16	ND	0.17	0.1J	0.14	ND	3
Acetophenone	98-86-2	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
Anthracene	120-12-7	mg/kg	500	1000		ND	0.12	ND	0.12	0.09J	0.11	ND	2.2
Benzo(a)anthracene	56-55-3	mg/kg	5.6	1		ND	0.12	ND	0.12	0.22	0.11	1J	2.2
Benzo(a)pyrene	50-32-8	mg/kg	1	22		ND	0.16	ND	0.17	0.31	0.14	1J	3
Benzo(b)fluoranthene	205-99-2	mg/kg	5.6	1.7		ND	0.12	ND	0.12	0.48	0.11	1.7J	2.2
Benzo(ghi)perylene	191-24-2	mg/kg	500	1000		ND	0.16	ND	0.17	0.21	0.14	0.74J	3
Benzo(k)fluoranthene	207-08-9	mg/kg	56	1.7		ND	0.12	ND	0.12	0.16	0.11	ND	2.2
Benzoic Acid	65-85-0	mg/kg	NS	NS		ND	0.65	ND	0.67	ND	0.58	ND	12
Benzyl Alcohol	100-51-6	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
Biphenyl	92-52-4	mg/kg	NS	NS		ND	0.46	ND	0.47	0.046J	0.41	ND	8.6
Bis(2-chloroethoxy)methane	111-91-1	mg/kg	NS	NS		ND	0.22	ND	0.22	ND	0.19	ND	4.1
Bis(2-chloroethyl)ether	111-44-4	mg/kg	NS	NS		ND	0.18	ND	0.19	ND	0.16	ND	3.4
Bis(2-chloroisopropyl)ether	108-60-1	mg/kg	NS	NS		ND	0.24	ND	0.25	ND	0.21	ND	4.5
Bis(2-ethylhexyl)phthalate	117-81-7	mg/kg	NS	NS		ND	0.2	ND	0.21	2.1	0.18	ND	3.8
Butyl benzyl phthalate	85-68-7	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
Carbazole	86-74-8	mg/kg	NS	NS		ND	0.2	ND	0.21	0.054J	0.18	ND	3.8
Chrysene	218-01-9	mg/kg	56	1		ND	0.12	ND	0.12	0.4	0.11	1.6J	2.2
Dibenzo(a,h)anthracene	53-70-3	mg/kg	0.56	1000		ND	0.12	ND	0.12	0.044J	0.11	ND	2.2
Dibenzofuran	132-64-9	mg/kg	350	210		ND	0.2	ND	0.21	0.06J	0.18	ND	3.8
Diethyl phthalate	84-66-2	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
Dimethyl phthalate	131-11-3	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
Di-n-butylphthalate	84-74-2	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
Di-n-octylphthalate	117-84-0	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
Fluoranthene	206-44-0	mg/kg	500	1000		ND	0.12	ND	0.12	0.62	0.11	2.4	2.2
Fluorene	86-73-7	mg/kg	500	386		ND	0.2	ND	0.21	0.086J	0.18	ND	3.8
Hexachlorobenzene	118-74-1	mg/kg	6	3.2		ND	0.12	ND	0.12	ND	0.11	ND	2.2
Hexachlorobutadiene	87-68-3	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
Hexachlorocyclopentadiene	77-47-4	mg/kg	NS	NS		ND	0.57	ND	0.59	ND	0.51	ND	11
Hexachloroethane	67-72-1	mg/kg	NS	NS		ND	0.16	ND	0.17	ND	0.14	ND	3
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	5.6	8.2		ND	0.16	ND	0.17	0.24	0.14	0.78J	3
Isophorone	78-59-1	mg/kg	NS	NS		ND	0.18	ND	0.19	ND	0.16	ND	3.4
Naphthalene	91-20-3	mg/kg	500	12		ND	0.2	ND	0.21	2.1	0.18	0.96J	3.8
NDPA/DPA	86-30-6	mg/kg	NS	NS		ND	0.16	ND	0.17	ND	0.14	ND	3
Nitrobenzene	98-95-3	mg/kg	NS	NS		ND	0.18	ND	0.19	ND	0.16	ND	3.4
n-Nitrosodi-n-propylamine	621-64-7	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
p-Chloro-m-cresol	59-50-7	mg/kg	NS	NS		ND	0.2	ND	0.21	ND	0.18	ND	3.8
Pentachlorophenol	87-86-5	mg/kg	6.7	0.8		ND	0.16	ND	0.17	ND	0.14	ND	3
Phenanthrene	85-01-8	mg/kg	500	1000		ND	0.12	ND	0.12	0.41	0.11	1.4J	2.2
Phenol	108-95-2	mg/kg	500	0.33		ND	0.2	ND	0.21	ND	0.18	ND	3.8
Pyrene	129-00-0	mg/kg	500	1000		ND	0.12	ND	0.12	0.57	0.11	2J	2.2

Table 2
Summary of Soil Analytical Results
15 Kensico Drive
Mount Kisco, NY

Compound	CAS Number	Units	NYSDEC Commercial Soil Cleanup Objectives	NYSDEC Protection of Groundwater Soil Cleanup Objectives	Location:	15-SB-01		15-SB-02		15-SB-03		15-SB-04	
					Sample Date:	7/21/2022		7/21/2022		7/21/2022		7/21/2022	
					Sample Depth (ft)	4 to 6		4 to 6		1 to 3		2 to 4	
						Results	RL	Results	RL	Results	RL	Results	RL
Polychlorinated Biphenyls													
Aroclor 1016	12674-11-2	mg/kg	NS	NS		ND	0.0395	ND	0.0403	ND	0.172	ND	0.186
Aroclor 1221	11104-28-2	mg/kg	NS	NS		ND	0.0395	ND	0.0403	ND	0.172	ND	0.186
Aroclor 1232	11141-16-5	mg/kg	NS	NS		ND	0.0395	ND	0.0403	ND	0.172	ND	0.186
Aroclor 1242	53469-21-9	mg/kg	NS	NS		ND	0.0395	ND	0.0403	ND	0.172	ND	0.186
Aroclor 1248	12672-29-6	mg/kg	NS	NS		ND	0.0395	ND	0.0403	ND	0.172	ND	0.186
Aroclor 1254	11097-69-1	mg/kg	NS	NS		ND	0.0395	ND	0.0403	1.82	0.172	2.94	0.186
Aroclor 1260	11096-82-5	mg/kg	NS	NS		ND	0.0395	ND	0.0403	ND	0.172	ND	0.186
Aroclor 1262	37324-23-5	mg/kg	NS	NS		ND	0.0395	ND	0.0403	ND	0.172	ND	0.186
Aroclor 1268	11100-14-4	mg/kg	NS	NS		ND	0.0395	ND	0.0403	ND	0.172	ND	0.186
PCBs, Total	1336-36-3	mg/kg	1	3.2		ND	0.0395	ND	0.0403	**1.82**	0.172	**2.94**	0.186
Total Metals													
Aluminum, Total	7429-90-5	mg/kg	NS	NS		8840	9.64	4710	10	4030	8.76	7290	8.89
Antimony, Total	7440-36-0	mg/kg	NS	NS		ND	4.82	ND	5	1.02J	4.38	5.74	4.45
Arsenic, Total	7440-38-2	mg/kg	16	16		2.03	0.964	1.74	1	5.68	0.876	7.46	0.889
Barium, Total	7440-39-3	mg/kg	400	820		52.1	0.964	39.7	1	72.8	0.876	107	0.889
Beryllium, Total	7440-41-7	mg/kg	590	47		0.27J	0.482	0.13J	0.5	0.158J	0.438	0.293J	0.445
Cadmium, Total	7440-43-9	mg/kg	9.3	7.5		0.578J	0.964	0.44J	1	1.46	0.876	1.89	0.889
Calcium, Total	7440-70-2	mg/kg	NS	NS		1240	9.64	20600	10	2590	8.76	5430	8.89
Chromium, Total	7440-47-3	mg/kg	NS	NS		17.5	0.964	10.4	1	79	0.876	94	0.889
Cobalt, Total	7440-48-4	mg/kg	NS	NS		7.41	1.93	5.7	2	5.26	1.75	11.1	1.78
Copper, Total	7440-50-8	mg/kg	270	1720		15.5	0.964	15.6	1	122	0.876	**3370**	0.889
Iron, Total	7439-89-6	mg/kg	NS	NS		15900	4.82	9490	5	28000	4.38	21000	4.45
Lead, Total	7439-92-1	mg/kg	1000	450		3.86J	4.82	3.32J	5	183	4.38	643	4.45
Magnesium, Total	7439-95-4	mg/kg	NS	NS		4110	9.64	11700	10	1350	8.76	4010	8.89
Manganese, Total	7439-96-5	mg/kg	10000	2000		347	0.964	242	1	421	0.876	256	0.889
Mercury, Total	7439-97-6	mg/kg	2.8	0.73		ND	0.082	ND	0.089	0.106	0.078	0.191	0.081
Nickel, Total	7440-02-0	mg/kg	310	130		11.8	2.41	9.19	2.5	64.6	2.19	15.3	2.22
Potassium, Total	7440-09-7	mg/kg	NS	NS		1140	241	1180	250	566	219	1240	222
Selenium, Total	7782-49-2	mg/kg	1500	4		ND	1.93	ND	2	ND	1.75	0.978J	1.78
Silver, Total	7440-22-4	mg/kg	1500	8.3		ND	0.964	ND	1	0.543J	0.876	ND	0.889
Sodium, Total	7440-23-5	mg/kg	NS	NS		194	193	119J	200	49.5J	175	105J	178
Thallium, Total	7440-28-0	mg/kg	NS	NS		ND	1.93	ND	2	ND	1.75	ND	1.78
Vanadium, Total	7440-62-2	mg/kg	NS	NS		22.7	0.964	14.4	1	15.7	0.876	26.6	0.889
Zinc, Total	7440-66-6	mg/kg	10000	2480		33.8	4.82	26.6	5	148	4.38	210	4.45

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.

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

NYSDEC Commercial Soil Cleanup Objective from NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs.

NYSDEC 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.

Table 3
Summary of Groundwater Analytical Results
15 Kensico Drive
Mount Kisco, NY

Compound	CAS Number	Units	NYSDEC Groundwater AWQS	Location:	15-TW-01		15-TW-02		15-TW-03	
				Sample Date:	7/21/2022		7/21/2022		7/21/2022	
				Sample Depth (ft)	6 to 15		6 to 16		4 to 8	
					Results	RL	Results	RL	Results	RL
Volatile Organics by GC/MS										
1,1,1,2-Tetrachloroethane	630-20-6	ug/l	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	2.5
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	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	1.5
1,1-Dichloroethane	75-34-3	ug/l	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	0.5
1,1-Dichloropropene	563-58-6	ug/l	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	2.5
1,2,3-Trichloropropane	96-18-4	ug/l	0.04		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	2
1,2,4-Trichlorobenzene	120-82-1	ug/l	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	2.5
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	0.04		ND	2.5	ND	2.5	ND	2.5
1,2-Dibromoethane	106-93-4	ug/l	0.0006		ND	2	ND	2	ND	2
1,2-Dichlorobenzene	95-50-1	ug/l	3		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	0.5
1,2-Dichloroethene, Total	540-59-0	ug/l	NS		13	2.5	ND	2.5	ND	2.5
1,2-Dichloropropane	78-87-5	ug/l	1		ND	1	ND	1	ND	1
1,3,5-Trimethylbenzene	108-67-8	ug/l	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	2.5
1,3-Dichloropropane	142-28-9	ug/l	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	0.5
1,4-Dichlorobenzene	106-46-7	ug/l	3		ND	2.5	ND	2.5	ND	2.5
1,4-Dioxane	123-91-1	ug/l	NS		ND	250	ND	250	ND	250
2,2-Dichloropropane	594-20-7	ug/l	5		ND	2.5	ND	2.5	ND	2.5
2-Butanone	78-93-3	ug/l	50		ND	5	ND	5	2.2J	5
2-Hexanone	591-78-6	ug/l	50		ND	5	ND	5	ND	5
4-Methyl-2-pentanone	108-10-1	ug/l	NS		ND	5	ND	5	ND	5
Acetone	67-64-1	ug/l	50		1.9J	5	8.6	5	6.5	5
Acrylonitrile	107-13-1	ug/l	5		ND	5	ND	5	ND	5
Benzene	71-43-2	ug/l	1		ND	0.5	ND	0.5	ND	0.5
Bromobenzene	108-86-1	ug/l	5		ND	2.5	ND	2.5	ND	2.5
Bromochloromethane	74-97-5	ug/l	5		ND	2.5	ND	2.5	ND	2.5
Bromodichloromethane	75-27-4	ug/l	50		ND	0.5	ND	0.5	ND	0.5
Bromoform	75-25-2	ug/l	50		ND	2	ND	2	ND	2
Bromomethane	74-83-9	ug/l	5		ND	2.5	ND	2.5	ND	2.5
Carbon disulfide	75-15-0	ug/l	60		ND	5	ND	5	ND	5
Carbon tetrachloride	56-23-5	ug/l	5		ND	0.5	ND	0.5	ND	0.5
Chlorobenzene	108-90-7	ug/l	5		ND	2.5	ND	2.5	ND	2.5
Chloroethane	75-00-3	ug/l	5		ND	2.5	ND	2.5	ND	2.5
Chloroform	67-66-3	ug/l	7		ND	2.5	ND	2.5	ND	2.5
Chloromethane	74-87-3	ug/l	NS		ND	2.5	ND	2.5	ND	2.5
cis-1,2-Dichloroethene	156-59-2	ug/l	5		13	2.5	ND	2.5	ND	2.5
cis-1,3-Dichloropropene	10061-01-5	ug/l	0.4		ND	0.5	ND	0.5	ND	0.5
Dibromochloromethane	124-48-1	ug/l	50		ND	0.5	ND	0.5	ND	0.5
Dibromomethane	74-95-3	ug/l	5		ND	5	ND	5	ND	5
Dichlorodifluoromethane	75-71-8	ug/l	5		ND	5	ND	5	ND	5
Ethyl ether	60-29-7	ug/l	NS		ND	2.5	ND	2.5	ND	2.5
Ethylbenzene	100-41-4	ug/l	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	2.5
Isopropylbenzene	98-82-8	ug/l	5		ND	2.5	ND	2.5	ND	2.5
Methyl tert butyl ether	1634-04-4	ug/l	10		ND	2.5	0.8J	2.5	ND	2.5
Methylene chloride	75-09-2	ug/l	5		ND	2.5	ND	2.5	ND	2.5
Naphthalene	91-20-3	ug/l	10		ND	2.5	ND	2.5	ND	2.5
n-Butylbenzene	104-51-8	ug/l	5		ND	2.5	ND	2.5	ND	2.5
n-Propylbenzene	103-65-1	ug/l	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	2.5
o-Xylene	95-47-6	ug/l	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	2.5
p-Chlorotoluene	106-43-4	ug/l	5		ND	2.5	ND	2.5	ND	2.5
p-Diethylbenzene	105-05-5	ug/l	NS		ND	2	ND	2	ND	2
p-Ethyltoluene	622-96-8	ug/l	NS		ND	2	ND	2	ND	2
p-Isopropyltoluene	99-87-6	ug/l	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	2.5
Styrene	100-42-5	ug/l	930		ND	2.5	ND	2.5	ND	2.5
tert-Butylbenzene	98-06-6	ug/l	5		ND	2.5	ND	2.5	ND	2.5
Tetrachloroethene	127-18-4	ug/l	5		ND	0.5	ND	0.5	ND	0.5
Toluene	108-88-3	ug/l	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	2.5
trans-1,3-Dichloropropene	10061-02-6	ug/l	0.4		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	2.5

Table 2
Summary of Groundwater Analytical Results
15 Kensico Drive
Mount Kisco, NY

Compound	CAS Number	Units	NYSDEC Groundwater AWQS	Location:	15-TW-01		15-TW-02		15-TW-03	
				Sample Date:	7/21/2022		7/21/2022		7/21/2022	
				Sample Depth (ft)	6 to 15		6 to 16		4 to 8	
					Results	RL	Results	RL	Results	RL
Trichloroethene	79-01-6	ug/l	5		16	0.5	0.25J	0.5	ND	0.5
Trichlorofluoromethane	75-69-4	ug/l	5		ND	2.5	ND	2.5	ND	2.5
Vinyl acetate	108-05-4	ug/l	NS		ND	5	ND	5	ND	5
Vinyl chloride	75-01-4	ug/l	2		1.6	1	ND	1	0.25J	1
Xylenes, Total	1330-20-7	ug/l	NS		ND	2.5	ND	2.5	ND	2.5
Semivolatile Organics										
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/l	5		ND	10	ND	10	ND	10
1,2,4-Trichlorobenzene	120-82-1	ug/l	5		ND	5	ND	5	ND	5
1,2-Dichlorobenzene	95-50-1	ug/l	3		ND	2	ND	2	ND	2
1,3-Dichlorobenzene	541-73-1	ug/l	3		ND	2	ND	2	ND	2
1,4-Dichlorobenzene	106-46-7	ug/l	3		ND	2	ND	2	ND	2
2,4,5-Trichlorophenol	95-95-4	ug/l	NS		ND	5	ND	5	ND	5
2,4,6-Trichlorophenol	88-06-2	ug/l	NS		ND	5	ND	5	ND	5
2,4-Dichlorophenol	120-83-2	ug/l	1		ND	5	ND	5	ND	5
2,4-Dimethylphenol	105-67-9	ug/l	2		ND	5	ND	5	ND	5
2,4-Dinitrophenol	51-28-5	ug/l	10		ND	20	ND	20	ND	20
2,4-Dinitrotoluene	121-14-2	ug/l	5		ND	5	ND	5	ND	5
2,6-Dinitrotoluene	606-20-2	ug/l	5		ND	5	ND	5	ND	5
2-Chloronaphthalene	91-58-7	ug/l	10		ND	0.2	ND	0.2	ND	0.2
2-Chlorophenol	95-57-8	ug/l	NS		ND	2	ND	2	ND	2
2-Methylnaphthalene	91-57-6	ug/l	NS		0.06J	0.1	0.03J	0.1	0.08J	0.1
2-Methylphenol	95-48-7	ug/l	NS		ND	5	ND	5	ND	5
2-Nitroaniline	88-74-4	ug/l	5		ND	5	ND	5	ND	5
2-Nitrophenol	88-75-5	ug/l	NS		ND	10	ND	10	ND	10
3,3'-Dichlorobenzidine	91-94-1	ug/l	5		ND	5	ND	5	ND	5
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	ug/l	NS		ND	5	ND	5	ND	5
3-Nitroaniline	99-09-2	ug/l	5		ND	5	ND	5	ND	5
4,6-Dinitro-o-cresol	534-52-1	ug/l	NS		ND	10	ND	10	ND	10
4-Bromophenyl phenyl ether	101-55-3	ug/l	NS		ND	2	ND	2	ND	2
4-Chloroaniline	106-47-8	ug/l	5		ND	5	ND	5	ND	5
4-Chlorophenyl phenyl ether	7005-72-3	ug/l	NS		ND	2	ND	2	ND	2
4-Nitroaniline	100-01-6	ug/l	5		ND	5	ND	5	ND	5
4-Nitrophenol	100-02-7	ug/l	NS		ND	10	ND	10	ND	10
Acenaphthene	83-32-9	ug/l	20		ND	0.1	0.02J	0.1	1.9	0.1
Acenaphthylene	208-96-8	ug/l	NS		ND	0.1	ND	0.1	0.02J	0.1
Acetophenone	98-86-2	ug/l	NS		ND	5	ND	5	ND	5
Anthracene	120-12-7	ug/l	50		ND	0.1	0.02J	0.1	0.05J	0.1
Benzo(a)anthracene	56-55-3	ug/l	0.002		ND	0.1	0.02J	0.1	ND	0.1
Benzo(a)pyrene	50-32-8	ug/l	ND		ND	0.1	ND	0.1	ND	0.1
Benzo(b)fluoranthene	205-99-2	ug/l	0.002		ND	0.1	0.02J	0.1	ND	0.1
Benzo(ghi)perylene	191-24-2	ug/l	NS		ND	0.1	ND	0.1	ND	0.1
Benzo(k)fluoranthene	207-08-9	ug/l	0.002		ND	0.1	0.01J	0.1	ND	0.1
Benzoic Acid	65-85-0	ug/l	NS		5.3J	50	5.4J	50	5.6J	50
Benzyl Alcohol	100-51-6	ug/l	NS		ND	2	ND	2	ND	2
Biphenyl	92-52-4	ug/l	NS		ND	2	ND	2	ND	2
Bis(2-chloroethoxy)methane	111-91-1	ug/l	5		ND	5	ND	5	ND	5
Bis(2-chloroethyl)ether	111-44-4	ug/l	1		ND	2	ND	2	ND	2
Bis(2-chloroisopropyl)ether	108-60-1	ug/l	5		ND	2	ND	2	ND	2
Bis(2-ethylhexyl)phthalate	117-81-7	ug/l	5		ND	3	ND	3	ND	3
Butyl benzyl phthalate	85-68-7	ug/l	50		ND	5	ND	5	ND	5
Carbazole	86-74-8	ug/l	NS		ND	2	ND	2	ND	2
Chrysene	218-01-9	ug/l	0.002		ND	0.1	0.02J	0.1	0.01J	0.1
Dibenzo(a,h)anthracene	53-70-3	ug/l	NS		ND	0.1	ND	0.1	ND	0.1
Dibenzofuran	132-64-9	ug/l	NS		ND	2	ND	2	ND	2
Diethyl phthalate	84-66-2	ug/l	50		ND	5	ND	5	ND	5
Dimethyl phthalate	131-11-3	ug/l	50		ND	5	ND	5	ND	5
Di-n-butylphthalate	84-74-2	ug/l	50		ND	5	ND	5	ND	5
Di-n-octylphthalate	117-84-0	ug/l	50		ND	5	ND	5	ND	5
Fluoranthene	206-44-0	ug/l	50		ND	0.1	0.02J	0.1	0.04J	0.1
Fluorene	86-73-7	ug/l	50		0.02J	0.1	0.02J	0.1	0.06J	0.1
Hexachlorobenzene	118-74-1	ug/l	0.04		ND	0.8	ND	0.8	ND	0.8
Hexachlorobutadiene	87-68-3	ug/l	0.5		ND	0.5	ND	0.5	ND	0.5
Hexachlorocyclopentadiene	77-47-4	ug/l	5		ND	20	ND	20	ND	20
Hexachloroethane	67-72-1	ug/l	5		ND	0.8	ND	0.8	ND	0.8
Indeno(1,2,3-cd)pyrene	193-39-5	ug/l	0.002		ND	0.1	ND	0.1	ND	0.1
Isophorone	78-59-1	ug/l	50		ND	5	ND	5	ND	5
Naphthalene	91-20-3	ug/l	10		ND	0.1	ND	0.1	0.19	0.1
NDPA/DPA	86-30-6	ug/l	50		ND	2	ND	2	ND	2
Nitrobenzene	98-95-3	ug/l	0.4		ND	2	ND	2	ND	2
n-Nitrosodi-n-propylamine	621-64-7	ug/l	NS		ND	5	ND	5	ND	5
p-Chloro-m-cresol	59-50-7	ug/l	NS		ND	2	ND	2	ND	2
Pentachlorophenol	87-86-5	ug/l	1		ND	0.8	ND	0.8	ND	0.8

Table 2
Summary of Groundwater Analytical Results
15 Kensico Drive
Mount Kisco, NY

Compound	CAS Number	Units	NYSDEC Groundwater AWQS	Location:	15-TW-01		15-TW-02		15-TW-03	
				Sample Date:	7/21/2022		7/21/2022		7/21/2022	
				Sample Depth (ft)	6 to 15		6 to 16		4 to 8	
					Results	RL	Results	RL	Results	RL
Phenanthrene	85-01-8	ug/l	50		0.05J	0.1	0.04J	0.1	0.1	0.1
Phenol	108-95-2	ug/l	1		ND	5	ND	5	ND	5
Pyrene	129-00-0	ug/l	50		ND	0.1	ND	0.1	0.03J	0.1
Polychlorinated Biphenyls										
Aroclor 1016	12674-11-2	ug/l	NS		ND	0.13	ND	0.119	ND	0.079
Aroclor 1221	11104-28-2	ug/l	NS		ND	0.13	ND	0.119	ND	0.079
Aroclor 1232	11141-16-5	ug/l	NS		ND	0.13	ND	0.119	ND	0.079
Aroclor 1242	53469-21-9	ug/l	NS		ND	0.13	ND	0.119	ND	0.079
Aroclor 1248	12672-29-6	ug/l	NS		ND	0.13	ND	0.119	ND	0.079
Aroclor 1254	11097-69-1	ug/l	NS		ND	0.13	ND	0.119	0.074J	0.079
Aroclor 1260	11096-82-5	ug/l	NS		ND	0.13	ND	0.119	ND	0.079
Aroclor 1262	37324-23-5	ug/l	NS		ND	0.13	ND	0.119	ND	0.079
Aroclor 1268	11100-14-4	ug/l	NS		ND	0.13	ND	0.119	ND	0.079
PCBs, Total	1336-36-3	ug/l	0.09		ND	0.13	ND	0.119	0.074J	0.079
Metals										
Aluminum, Total	7429-90-5	ug/l	NS		2080000	500	1360000	500	177000	50
Antimony, Total	7440-36-0	ug/l	3		ND	200	ND	200	ND	20
Arsenic, Total	7440-38-2	ug/l	25		436.7	25	254.2	25	55.01	2.5
Barium, Total	7440-39-3	ug/l	1000		35470	25	22930	25	1623	2.5
Beryllium, Total	7440-41-7	ug/l	3		58.62	25	36.89	25	8.531	2.5
Cadmium, Total	7440-43-9	ug/l	5		29.62	10	15.03	10	1.577	1
Calcium, Total	7440-70-2	ug/l	NS		14000000	5000	6160000	5000	164000	500
Chromium, Total	7440-47-3	ug/l	50		5044	50	3500	50	333.7	5
Cobalt, Total	7440-48-4	ug/l	NS		2238	25	1338	25	141.5	2.5
Copper, Total	7440-50-8	ug/l	200		6602	50	3790	50	325.9	5
Iron, Total	7439-89-6	ug/l	300		4240000	2500	2670000	2500	307000	250
Lead, Total	7439-92-1	ug/l	25		1770	50	896.1	50	294.9	5
Magnesium, Total	7439-95-4	ug/l	35000		7440000	3500	3090000	3500	88800	350
Manganese, Total	7439-96-5	ug/l	300		134500	50	88730	50	3748	5
Mercury, Total	7439-97-6	ug/l	0.7		ND	10	ND	10	ND	10
Nickel, Total	7440-02-0	ug/l	100		4177	100	2709	100	221	10
Potassium, Total	7440-09-7	ug/l	NS		791000	5000	704000	5000	34400	500
Selenium, Total	7782-49-2	ug/l	10		430	250	206J	250	30	25
Silver, Total	7440-22-4	ug/l	50		10.57J	20	ND	20	ND	2
Sodium, Total	7440-23-5	ug/l	20000		255000	5000	181000	5000	69500	500
Thallium, Total	7440-28-0	ug/l	0.5		63.18J	100	39.04J	100	2.023J	10
Vanadium, Total	7440-62-2	ug/l	NS		5962	250	4088	250	392	25
Zinc, Total	7440-66-6	ug/l	2000		9531	500	6364	500	908.9	50

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.

2709 Result exceeds the NYDEC AWQS

Table 4
Summary of Indoor Air and Sub-Slab Soil Vapor Results
15 Kensico Drive
Mount Kisco, NY

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 15-IAQ-01 7/20/2022 Results	RL	Indoor Air 15-IAQ-02 7/20/2022 Results	RL	Ambient Outdoor Air * 15-AA-01 7/20/2022 Results	RL	NYSDOH Decision Matrices Sub-Slab Soil Vapor Minimum Criteria	Sub-Slab Soil Vapor 15-SSVP-01 7/21/2022 Results	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	ND	0.109	100	ND	16.4	**No futher action**
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3		35,000	6,900	NS	ND	1.37	ND	1.37	ND	1.37	NS	ND	20.7	NS
1,1,2-Trichloroethane	79-00-5	ug/m3		45,000	55,000	NS	ND	1.09	ND	1.09	ND	1.09	NS	ND	16.4	NS
1,1-Dichloroethane	75-34-3	ug/m3		400,000	405,000	NS	ND	0.809	ND	0.809	ND	0.809	NS	ND	12.2	NS
1,1-Dichloroethene	75-35-4	ug/m3		400,000	400,000	0.2	ND	0.079	ND	0.079	ND	0.079	6	ND	11.9	**No futher action**
1,2,4-Trichlorobenzene	120-82-1	ug/m3		NS	NS	NS	ND	1.48	ND	1.48	ND	1.48	NS	ND	22.3	NS
1,2,4-Trimethylbenzene	95-63-6	ug/m3		120,000	48,000	NS	96.8	0.983	34.8	0.983	2.46	0.983	NS	ND	14.8	NS
1,2-Dibromoethane	106-93-4	ug/m3		153,800	NS	NS	ND	1.54	ND	1.54	ND	1.54	NS	ND	23.1	NS
1,2-Dichlorobenzene	95-50-1	ug/m3		300,000	150,000	NS	ND	1.2	ND	1.2	ND	1.2	NS	ND	18.1	NS
1,2-Dichloroethane	107-06-2	ug/m3		200,000	40,000	NS	ND	0.809	ND	0.809	ND	0.809	NS	ND	12.2	NS
1,2-Dichloropropane	78-87-5	ug/m3		350,000	47,000	NS	ND	0.924	ND	0.924	ND	0.924	NS	ND	13.9	NS
1,3,5-Trimethylbenzene	108-67-8	ug/m3		120,000	125,000	NS	45.5	0.983	12.7	0.983	ND	0.983	NS	ND	14.8	NS
1,3-Butadiene	106-99-0	ug/m3		2,210	4,420	NS	ND	0.442	ND	0.442	ND	0.442	NS	ND	6.66	NS
1,3-Dichlorobenzene	541-73-1	ug/m3		NS	NS	NS	ND	1.2	ND	1.2	ND	1.2	NS	ND	18.1	NS
1,4-Dichlorobenzene	106-46-7	ug/m3		450,000	60,000	NS	ND	1.2	ND	1.2	ND	1.2	NS	ND	18.1	NS
1,4-Dioxane	123-91-1	ug/m3		360,000	72,000	NS	ND	0.721	ND	0.721	ND	0.721	NS	ND	10.8	NS
2,2,4-Trimethylpentane	540-84-1	ug/m3		NS	NS	NS	28.9	0.934	9.43	0.934	1.02	0.934	NS	ND	14.1	NS
2-Butanone	78-93-3	ug/m3		590,000	590,000	NS	7,080	74.9	285	1.47	58.7	1.47	NS	ND	22.2	NS
2-Hexanone	591-78-6	ug/m3		410,000	20,500	NS	ND	0.82	ND	0.82	ND	0.82	NS	ND	12.3	NS
3-Chloropropene	107-05-1	ug/m3		3,000	3,000	NS	ND	0.626	ND	0.626	ND	0.626	NS	ND	9.42	NS
4-Ethyltoluene	622-96-8	ug/m3		NS	NS	NS	20.4	0.983	7.67	0.983	ND	0.983	NS	ND	14.8	NS
4-Methyl-2-pentanone	108-10-1	ug/m3		410,000	82,000	NS	44.7	2.05	24.8	2.05	2.33	2.05	NS	ND	30.9	NS
Acetone	67-64-1	ug/m3		2,400,000	594,000	NS	119,000	606	4,680	29.7	801	2.38	NS	1,290	35.9	NS
Benzene	71-43-2	ug/m3		32,000	1,600	NS	14.7	0.639	0.773	0.639	0.658	0.639	NS	ND	9.62	NS
Benzyl chloride	100-44-7	ug/m3		5,000	5000	NS	ND	1.04	ND	1.04	ND	1.04	NS	ND	15.6	NS
Bromodichloromethane	75-27-4	ug/m3		NS	NS	NS	ND	1.34	ND	1.34	ND	1.34	NS	ND	20.2	NS
Bromoform	75-25-2	ug/m3		5,000	5,200	NS	ND	2.07	ND	2.07	ND	2.07	NS	ND	31.1	NS
Bromomethane	74-83-9	ug/m3		80,000	3,880	NS	ND	0.777	ND	0.777	ND	0.777	NS	ND	11.7	NS
Carbon disulfide	75-15-0	ug/m3		66,200	3,310	NS	ND	0.623	ND	0.623	ND	0.623	NS	ND	9.37	NS
Carbon tetrachloride	56-23-5	ug/m3		62,000	31,000	0.2	0.484	0.126	0.447	0.126	0.447	0.126	6	ND	18.9	**Monitor #**
Chlorobenzene	108-90-7	ug/m3		350,000	46,000	NS	ND	0.921	ND	0.921	ND	0.921	NS	ND	13.9	NS
Chloroethane	75-00-3	ug/m3		2,600,000	260,000	NS	ND	0.528	ND	0.528	ND	0.528	NS	ND	7.94	NS
Chloroform	67-66-3	ug/m3		240,000	49,000	NS	ND	0.977	3.77	0.977	ND	0.977	NS	ND	14.7	NS
Chloromethane	74-87-3	ug/m3		210,000	105,000	NS	1.44	0.413	1.48	0.413	1.2	0.413	NS	ND	6.22	NS
cis-1,2-Dichloroethene	156-59-2	ug/m3		790,000	793,000	0.2	ND	0.079	ND	0.079	ND	0.079	6	ND	11.9	**No further action**
cis-1,3-Dichloropropene	10061-01-5	ug/m3		NS	5,000	NS	ND	0.908	ND	0.908	ND	0.908	NS	ND	13.7	NS
Cyclohexane	110-82-7	ug/m3		1,050,000	100,000	NS	15.7	0.688	0.699	0.688	ND	0.688	NS	ND	10.4	NS
Dibromochloromethane	124-48-1	ug/m3		NS	NS	NS	ND	1.7	ND	1.7	ND	1.7	NS	ND	25.6	NS
Dichlorodifluoromethane	75-71-8	ug/m3		4,950,000	4,950,000	NS	2.2	0.989	2.06	0.989	2.3	0.989	NS	ND	14.9	NS
Ethanol	64-17-5	ug/m3		1,900,000	1,880,000	NS	1,260	479	ND	9.42	136	9.42	NS	ND	142	NS
Ethyl Acetate	141-78-6	ug/m3		1,400,000	1,440,000	NS	28.8	1.8	8.68	1.8	ND	1.8	NS	ND	27.2	NS
Ethylbenzene	100-41-4	ug/m3		435,000	87,000	NS	289	0.869	13.7	0.869	3.04	0.869	NS	ND	13.1	NS
Freon-113	76-13-1	ug/m3		7,600,000	7,670,000	NS	ND	1.53	ND	1.53	ND	1.53	NS	ND	23.1	NS
Freon-114	76-14-2	ug/m3		7,000,000	7,000,000	NS	ND	1.4	ND	1.4	ND	1.4	NS	ND	21	NS
Heptane	142-82-5	ug/m3		2,000,000	1,640,000	NS	34.3	0.82	2.22	0.82	ND	0.82	NS	ND	12.3	NS
Hexachlorobutadiene	87-68-3	ug/m3		NS	213	NS	ND	2.13	ND	2.13	ND	2.13	NS	ND	32.1	NS
Isopropanol	67-63-0	ug/m3		980,000	490,000	NS	ND	1.23	ND	1.23	35.2	1.23	NS	50.9	18.5	NS
Methyl tert butyl ether	1634-04-4	ug/m3		NS	179,000	NS	ND	0.721	ND	0.721	ND	0.721	NS	ND	10.9	NS
Methylene chloride	75-09-2	ug/m3		86,750	173,500	3	ND	1.74	7.5	1.74	ND	1.74	100	ND	26.2	**No further action**
n-Hexane	110-54-3	ug/m3		1,800,000	180,000	NS	56.7	0.705	2.73	0.705	1.17	0.705	NS	ND	10.6	NS
o-Xylene	95-47-6	ug/m3		NS	NS	NS	314	0.869	15.3	0.869	3.4	0.869	NS	ND	13.1	NS
p/m-Xylene	179601-23-1	ug/m3		NS	NS	NS	856	1.74	50.4	1.74	11.7	1.74	NS	ND	26.2	NS
Styrene	100-42-5	ug/m3		435,000	43,500	NS	72	0.852	58.8	0.852	8.94	0.852	NS	ND	12.8	NS
Tertiary butyl Alcohol	75-65-0	ug/m3		300,000	300,000	NS	ND	1.52	ND	1.52	ND	1.52	NS	ND	22.9	NS
Tetrachloroethene	127-18-4	ug/m3		680,000	170,000	3	0.285	0.136	0.19	0.136	ND	0.136	100	ND	20.4	**No further action**
Tetrahydrofuran	109-99-9	ug/m3		590,000	147,000	NS	ND	1.47	3.42	1.47	ND	1.47	NS	ND	22.2	NS
Toluene	108-88-3	ug/m3		740,000	74,000	NS	3,770	38.4	163	0.754	37.6	0.754	NS	ND	11.3	NS
trans-1,2-Dichloroethene	156-60-5	ug/m3		790,000	793,000	NS	ND	0.793	ND	0.793	ND	0.793	NS	ND	11.9	NS
trans-1,3-Dichloropropene	10061-02-6	ug/m3		790,000	793,000	NS	ND	0.908	ND	0.908	ND	0.908	NS	ND	13.7	NS
Trichloroethene	79-01-6	ug/m3		540,000	54,000	0.2	0.129	0.107	0.973	0.107	ND	0.107	6	6,180	16.2	**Mitigate**
Trichlorofluoromethane	75-69-4	ug/m3		5,600,000	5,600,000	NS	ND	1.12	ND	1.12	ND	1.12	NS	ND	16.9	NS
Vinyl bromide	593-60-2	ug/m3		NS	NS	NS	ND	0.874	ND	0.874	ND	0.874	NS	ND	13.2	NS
Vinyl chloride	75-01-4	ug/m3		2,560	2,600	0.2	ND	0.051	ND	0.051	ND	0.051	6	ND	7.69	**No futher action**
Total Xylenes	1330-20-7	ug/m3		435,000	87,000	NS	1,170	2.609	65.7	2.609	15.1	2.609	NS	ND	39.3	NS

Table 4
Summary of Indoor Air and Sub-Slab Soil Vapor Results
15 Kensico Drive
Mount Kisco, NY

Notes:
ug/m3 - micrograms per meter cubed
0.973 Result exceeds NYSDOH decision matrix minimum 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

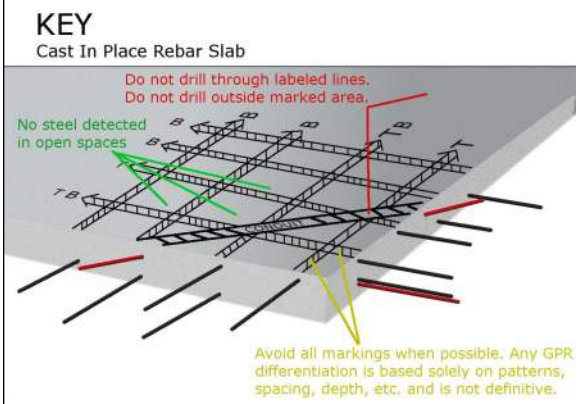
- GPRS was tasked with clearing 14 boring locations amongst two properties.

  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-A

LOG OF PROBE: 15-SB-01

PROJECT NAME AND LOCATION: Mt Kisco Subsurface Evaluation, 15 Kensico Drive, Mt Kisco, NY

Sheet 1 of 1

DRILLING RIG: Geoprobe	DATES DRILLED: 7/21/2022
BIT: 2-inch cutting shoe	TOTAL DEPTH: 15 feet
SAMPLER: Macrocore	BEDROCK DEPTH: Not encountered
DRILLER: Benner GeoServices, Inc.	GROUNDWATER DEPTH: 4.23 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	0.5-3.5 feet: SAND, CLAY, brick, asphalt, and crushed rock [FILL]		0.0		
2.0		1	0.0		
3.0			0.6		
4.0	3.5-15.0 feet: Brown silty SAND, moist		0.6		
5.0			0.3	15-SB-01 (4-6 ft)	
6.0		2	0.0		Saturated at 6 feet
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			0.0		
14.0		4	0.0		
15.0			0.0		
16.0					End of boring at 08:35
17.0					Temporary well 15-TW-01 installed and sampled at 10:50
18.0					
19.0					
20.0					

PROJECT NUMBER: 47:15048-A

LOG OF PROBE: 15-SB-02

PROJECT NAME AND LOCATION: Mt Kisco Subsurface Evaluation, 15 Kensico Drive, Mt Kisco, NY

Sheet 1 of 1

DRILLING RIG: Geoprobe	DATES DRILLED: 7/21/2022
BIT: 2-inch cutting shoe	TOTAL DEPTH: 16 feet
SAMPLER: Macrocore	BEDROCK DEPTH: Not encountered
DRILLER: Benner GeoServices, Inc.	GROUNDWATER DEPTH: 3.96 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: Black SAND, crushed rock, pebbles [FILL]		0.0		
2.0	1.5-5.0 feet: Black sandy SILT, dry	1	0.0		
3.0			0.0		
4.0			0.0		Moist at 4 feet
5.0			0.0	15-SB-02 (4-6 ft)	
6.0	5.0-16.0 feet: Brown clayey SILT, some sands, moist	2	0.0		Saturated at 6 feet
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			0.0		
14.0		4	0.0		
15.0			0.0		
16.0			0.0		
17.0					End of boring at 09:00
18.0					Temporary well 15-TW-02 installed and sampled at 11:25
19.0					
20.0					

PROJECT NUMBER: 47:15048-A

LOG OF PROBE: 15-SB-03

PROJECT NAME AND LOCATION: Mt Kisco Subsurface Evaluation, 15 Kensico Drive, Mt Kisco, NY

Sheet 1 of 1

DRILLING RIG: Geoprobe	DATES DRILLED: 7/21/2022
BIT: 2-inch cutting shoe	TOTAL DEPTH: 8 feet
SAMPLER: Macrocore	BEDROCK DEPTH: Not encountered
DRILLER: Benner GeoServices, Inc.	GROUNDWATER DEPTH: 5.76 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	0.5-3.5 feet: Burnt material, crushed rock, pebbles [FILL]		0.0		
2.0		1	28.2	15-SB-03 (1-3 ft)	
3.0			1.5		
4.0	3.5-8.0 feet: Dark brown silty SAND, saturated		1.3		
5.0			0.0		
6.0		2	0.0		
7.0			0.0		
8.0			0.0		
9.0					End of boring at 09:30
10.0					Temporary well 15-TW-03 installed and sampled at 11:45
11.0					
12.0					
13.0					
14.0					
15.0					
16.0					
17.0					
18.0					
19.0					
20.0					

PROJECT NUMBER: 47:15048-A

LOG OF PROBE: 15-SB-04

PROJECT NAME AND LOCATION: Mt Kisco Subsurface Evaluation, 15 Kensico Drive, Mt Kisco, NY

Sheet 1 of 1

DRILLING RIG: Geoprobe	DATES DRILLED: 7/21/2022
BIT: 2-inch cutting shoe	TOTAL DEPTH: 4 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: Asphalt				
1.0	0.5-4.0 feet: Burnt debris, SAND, crushed rock [FILL]		1.0		
2.0		1	2.9		
3.0			1.3	15-SB-04 (2-4 ft)	
4.0			0.9		Saturated at 3.5 feet
5.0					End of boring at 09:50
6.0					
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					

ATTACHMENT 3
LABORATORY ANALYTICAL REPORT

ANALYTICAL REPORT

Lab Number:	L2239101
Client:	ECS MID ATLANTIC, LLC 52-6 Grumbacher Road York, PA 17406
ATTN:	Kay Linnell
Phone:	(717) 767-4788
Project Name:	15 KENSICO
Project Number:	15048-A
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: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2239101-01	15-SB-01	SOIL	15 KENSICO DR	07/21/22 08:35	07/21/22
L2239101-02	15-SB-02	SOIL	15 KENSICO DR	07/21/22 09:00	07/21/22
L2239101-03	15-SB-03	SOIL	15 KENSICO DR	07/21/22 09:30	07/21/22
L2239101-04	15-SB-04	SOIL	15 KENSICO DR	07/21/22 09:50	07/21/22
L2239101-05	15-TW-01	WATER	15 KENSICO DR	07/21/22 10:50	07/21/22
L2239101-06	15-TW-02	WATER	15 KENSICO DR	07/21/22 11:25	07/21/22
L2239101-07	15-TW-03	WATER	15 KENSICO DR	07/21/22 11:45	07/21/22

Project Name:	15 KENSICO	**Lab Number:**	L2239101
Project Number:	15048-A	**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:	15 KENSICO	**Lab Number:**	L2239101
Project Number:	15048-A	**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

L2239101-05 and -06: The sample was received above the appropriate pH for the Total Metals analysis. The laboratory added additional HNO3 to a pH <2.

L2239101-05 and -06: Headspace was noted in the sample containers submitted for TCL Volatiles - EPA 8260C. The analysis was performed at the client's request.

Volatile Organics

L2239101-05, -06, and -07: The pH was greater than two; however, the sample was analyzed within the method required holding time.

L2239101-05 and -06: Headspace was noted in the sample container utilized for analysis.

Semivolatile Organics

L2239101-04D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2239101-04D: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%), and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

PCBs

L2239101-05, -06, and -07: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix. The container was not rinsed as prescribed by the method due to the presence of sediment.

The WG1666529-1 Method Blank, associated with L2239101-05 through -07, has a concentration above the

Project Name:	15 KENSICO	**Lab Number:**	L2239101
Project Number:	15048-A	**Report Date:**	07/28/22

Case Narrative (continued)

reporting limit for Aroclor 1260. Since the associated sample concentrations are non-detect to the RL, no corrective action is required.

Total Metals

L2239101-01 through -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

L2239101-05, -06, and -07: The sample has elevated detection limits for all elements due to the prep dilution required by the sample matrix.

The WG1666243-3 MS recoveries for aluminum (0%), iron (0%), and magnesium (22%), performed on L2239101-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1666243-3 MS recoveries, performed on L2239101-01, are outside the acceptance criteria for antimony (56%), chromium (63%), cobalt (71%), nickel (68%), selenium (73%), thallium (62%), and zinc (64%). A post digestion spike was performed and yielded unacceptable recoveries for antimony (73%), chromium (70%), cobalt (67%), nickel (66%), selenium (72%), thallium (60%), and zinc (66%). The serial dilution recoveries were not applicable; therefore, these elements fail the matrix test and the results reported in the native sample should be considered estimated.

The WG1666243-3 MS recovery, performed on L2239101-01, is outside the acceptance criteria for calcium (66%). A post digestion spike was performed and yielded an unacceptable recovery for calcium (73%). The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

The WG1666243-3 MS recovery for manganese (261%), performed on L2239101-01, does not apply because the sample concentration is greater than four times the spike amount added.

The WG1666243-3 MS recovery, performed on L2239101-01, is outside the acceptance criteria for potassium (69%). A post digestion spike was performed and was within acceptance criteria.

The WG1666310-3 MS recoveries for aluminum (0%), calcium (20%), iron (0%), magnesium (28%), and manganese (63%), performed on L2239101-05, do not apply because the sample concentrations are greater than four times the spike amounts added.

Project Name:	15 KENSICO	**Lab Number:**	L2239101
Project Number:	15048-A	**Report Date:**	07/28/22

Case Narrative (continued)

The WG1666310-3 MS recoveries, performed on L2239101-05, are outside the acceptance criteria for antimony (56%) and potassium (68%). A post digestion spike was performed and was within acceptance criteria.

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: Michelle M. Morris

Title: Technical Director/Representative Date: 07/28/22

ORGANICS

VOLATILES

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-01
Client ID: 15-SB-01
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 08:35
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/22/22 20:26
Analyst: JC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.11	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	1.8		ug/kg	1.4	0.13	1

Project Name: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-01 Date Collected: 07/21/22 08:35

Client ID: 15-SB-01 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	54		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.92	0.27	1
Xylenes, Total	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	29		ug/kg	0.92	0.16	1
1,2-Dichloroethene, Total	31		ug/kg	0.92	0.13	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	ND		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
Vinyl acetate	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.0	1

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-01
Client ID: 15-SB-01
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 08:35
Date Received: 07/21/22
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	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	74	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	103		70-130

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-02
Client ID: 15-SB-02
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 09:00
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/22/22 20:52
Analyst: JC
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	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	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	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	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-02 Date Collected: 07/21/22 09:00

Client ID: 15-SB-02 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	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	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	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	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-02
Client ID: 15-SB-02
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 09:00
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	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	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	100		70-130

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-03
Client ID: 15-SB-03
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 09:30
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/22/22 21:46
Analyst: JC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	390	180	1
1,1-Dichloroethane	ND		ug/kg	79	11.	1
Chloroform	ND		ug/kg	120	11.	1
Carbon tetrachloride	ND		ug/kg	79	18.	1
1,2-Dichloropropane	ND		ug/kg	79	9.8	1
Dibromochloromethane	ND		ug/kg	79	11.	1
1,1,2-Trichloroethane	ND		ug/kg	79	21.	1
Tetrachloroethene	ND		ug/kg	39	15.	1
Chlorobenzene	ND		ug/kg	39	10.	1
Trichlorofluoromethane	ND		ug/kg	310	55.	1
1,2-Dichloroethane	ND		ug/kg	79	20.	1
1,1,1-Trichloroethane	ND		ug/kg	39	13.	1
Bromodichloromethane	ND		ug/kg	39	8.6	1
trans-1,3-Dichloropropene	ND		ug/kg	79	21.	1
cis-1,3-Dichloropropene	ND		ug/kg	39	12.	1
1,3-Dichloropropene, Total	ND		ug/kg	39	12.	1
1,1-Dichloropropene	ND		ug/kg	39	12.	1
Bromoform	ND		ug/kg	310	19.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	39	13.	1
Benzene	ND		ug/kg	39	13.	1
Toluene	76	J	ug/kg	79	43.	1
Ethylbenzene	920		ug/kg	79	11.	1
Chloromethane	ND		ug/kg	310	73.	1
Bromomethane	ND		ug/kg	160	46.	1
Vinyl chloride	ND		ug/kg	79	26.	1
Chloroethane	ND		ug/kg	160	36.	1
1,1-Dichloroethene	ND		ug/kg	79	19.	1
trans-1,2-Dichloroethene	ND		ug/kg	120	11.	1

Project Name: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-03 Date Collected: 07/21/22 09:30

Client ID: 15-SB-03 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	ND		ug/kg	39	11.	1
1,2-Dichlorobenzene	ND		ug/kg	160	11.	1
1,3-Dichlorobenzene	ND		ug/kg	160	12.	1
1,4-Dichlorobenzene	ND		ug/kg	160	13.	1
Methyl tert butyl ether	ND		ug/kg	160	16.	1
p/m-Xylene	1400		ug/kg	160	44.	1
o-Xylene	220		ug/kg	79	23.	1
Xylenes, Total	1600		ug/kg	79	23.	1
cis-1,2-Dichloroethene	ND		ug/kg	79	14.	1
1,2-Dichloroethene, Total	ND		ug/kg	79	11.	1
Dibromomethane	ND		ug/kg	160	19.	1
Styrene	ND		ug/kg	79	15.	1
Dichlorodifluoromethane	ND		ug/kg	790	72.	1
Acetone	ND		ug/kg	790	380	1
Carbon disulfide	ND		ug/kg	790	360	1
2-Butanone	ND		ug/kg	790	170	1
Vinyl acetate	ND		ug/kg	790	170	1
4-Methyl-2-pentanone	ND		ug/kg	790	100	1
1,2,3-Trichloropropane	ND		ug/kg	160	10.	1
2-Hexanone	ND		ug/kg	790	93.	1
Bromochloromethane	ND		ug/kg	160	16.	1
2,2-Dichloropropane	ND		ug/kg	160	16.	1
1,2-Dibromoethane	ND		ug/kg	79	22.	1
1,3-Dichloropropane	ND		ug/kg	160	13.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	39	10.	1
Bromobenzene	ND		ug/kg	160	11.	1
n-Butylbenzene	32	J	ug/kg	79	13.	1
sec-Butylbenzene	23	J	ug/kg	79	11.	1
tert-Butylbenzene	ND		ug/kg	160	9.3	1
o-Chlorotoluene	ND		ug/kg	160	15.	1
p-Chlorotoluene	ND		ug/kg	160	8.5	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	240	78.	1
Hexachlorobutadiene	ND		ug/kg	310	13.	1
Isopropylbenzene	79		ug/kg	79	8.6	1
p-Isopropyltoluene	19	J	ug/kg	79	8.6	1
Naphthalene	8000		ug/kg	310	51.	1
Acrylonitrile	ND		ug/kg	310	90.	1

Project Name: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-03 Date Collected: 07/21/22 09:30

Client ID: 15-SB-03 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	47	J	ug/kg	79	13.	1
1,2,3-Trichlorobenzene	ND		ug/kg	160	25.	1
1,2,4-Trichlorobenzene	ND		ug/kg	160	21.	1
1,3,5-Trimethylbenzene	36	J	ug/kg	160	15.	1
1,2,4-Trimethylbenzene	130	J	ug/kg	160	26.	1
1,4-Dioxane	ND		ug/kg	6300	2800	1
p-Diethylbenzene	ND		ug/kg	160	14.	1
p-Ethyltoluene	100	J	ug/kg	160	30.	1
1,2,4,5-Tetramethylbenzene	180		ug/kg	160	15.	1
Ethyl ether	ND		ug/kg	160	27.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	390	110	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	98		70-130

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-04
Client ID: 15-SB-04
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 09:50
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/22/22 21:19
Analyst: JC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	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	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-04 Date Collected: 07/21/22 09:50

Client ID: 15-SB-04 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	67		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	11	J	ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	0.48	J	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	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	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	4.6	0.75	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-04
Client ID: 15-SB-04
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 09:50
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	93	41.	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	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	101		70-130

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-05
Client ID: 15-TW-01
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 10:50
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/27/22 21:15
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	1.6		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: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-05 Date Collected: 07/21/22 10:50

Client ID: 15-TW-01 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	16		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	13		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	13		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	1.9	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: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-05
Client ID: 15-TW-01
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 10:50
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	117		70-130

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-06
Client ID: 15-TW-02
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 11:25
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/27/22 21:38
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: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-06 Date Collected: 07/21/22 11:25

Client ID: 15-TW-02 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.25	J	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	0.80	J	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	8.6		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: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-06
Client ID: 15-TW-02
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 11:25
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	115		70-130

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-07
Client ID: 15-TW-03
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 11:45
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/27/22 22:01
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	0.25	J	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: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-07 Date Collected: 07/21/22 11:45

Client ID: 15-TW-03 Date Received: 07/21/22

Sample Location: 15 KENSICO DR 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	6.5		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	2.2	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: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-07 Date Collected: 07/21/22 11:45

Client ID: 15-TW-03 Date Received: 07/21/22

Sample Location: 15 KENSICO DR 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	94		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	117		70-130

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/22 13:17
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04 Batch: WG1667003-5					
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: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/22 13:17
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04 Batch: WG1667003-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/22 13:17
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04 Batch: WG1667003-5					
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	110		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	96		70-130

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/22 13:17
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1667006-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/22 13:17
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1667006-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/22 13:17
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1667006-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	96		70-130

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/22 16:51
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-07 Batch: WG1668425-5					
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: 15 KENSICO
Project Number: 15048-A
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Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/22 16:51
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-07 Batch: WG1668425-5					
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: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/22 16:51
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-07 Batch: WG1668425-5					
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	95		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	117		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
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): 01-02,04 Batch: WG1667003-3 WG1667003-4								
Methylene chloride	83		82		70-130	1		30
1,1-Dichloroethane	105		100		70-130	5		30
Chloroform	96		90		70-130	6		30
Carbon tetrachloride	105		97		70-130	8		30
1,2-Dichloropropane	102		99		70-130	3		30
Dibromochloromethane	97		99		70-130	2		30
1,1,2-Trichloroethane	95		96		70-130	1		30
Tetrachloroethene	107		99		70-130	8		30
Chlorobenzene	97		94		70-130	3		30
Trichlorofluoromethane	103		94		70-139	9		30
1,2-Dichloroethane	102		103		70-130	1		30
1,1,1-Trichloroethane	99		93		70-130	6		30
Bromodichloromethane	89		88		70-130	1		30
trans-1,3-Dichloropropene	100		99		70-130	1		30
cis-1,3-Dichloropropene	96		94		70-130	2		30
1,1-Dichloropropene	109		99		70-130	10		30
Bromoform	99		102		70-130	3		30
1,1,2,2-Tetrachloroethane	87		84		70-130	4		30
Benzene	97		93		70-130	4		30
Toluene	100		96		70-130	4		30
Ethylbenzene	101		96		70-130	5		30
Chloromethane	85		78		52-130	9		30
Bromomethane	99		94		57-147	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
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): 01-02,04 Batch: WG1667003-3 WG1667003-4								
Vinyl chloride	90		81		67-130	11		30
Chloroethane	98		93		50-151	5		30
1,1-Dichloroethene	96		88		65-135	9		30
trans-1,2-Dichloroethene	94		90		70-130	4		30
Trichloroethene	100		100		70-130	0		30
1,2-Dichlorobenzene	95		93		70-130	2		30
1,3-Dichlorobenzene	97		93		70-130	4		30
1,4-Dichlorobenzene	95		92		70-130	3		30
Methyl tert butyl ether	93		96		66-130	3		30
p/m-Xylene	100		95		70-130	5		30
o-Xylene	97		93		70-130	4		30
cis-1,2-Dichloroethene	93		90		70-130	3		30
Dibromomethane	93		93		70-130	0		30
Styrene	96		93		70-130	3		30
Dichlorodifluoromethane	71		64		30-146	10		30
Acetone	**163**	Q	135		54-140	19		30
Carbon disulfide	91		83		59-130	9		30
2-Butanone	122		119		70-130	2		30
Vinyl acetate	100		77		70-130	26		30
4-Methyl-2-pentanone	101		107		70-130	6		30
1,2,3-Trichloropropane	102		107		68-130	5		30
2-Hexanone	122		120		70-130	2		30
Bromochloromethane	90		90		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
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): 01-02,04 Batch: WG1667003-3 WG1667003-4								
2,2-Dichloropropane	103		95		70-130	8		30
1,2-Dibromoethane	99		102		70-130	3		30
1,3-Dichloropropane	101		102		69-130	1		30
1,1,1,2-Tetrachloroethane	97		96		70-130	1		30
Bromobenzene	94		94		70-130	0		30
n-Butylbenzene	111		99		70-130	11		30
sec-Butylbenzene	107		99		70-130	8		30
tert-Butylbenzene	102		95		70-130	7		30
o-Chlorotoluene	103		98		70-130	5		30
p-Chlorotoluene	102		98		70-130	4		30
1,2-Dibromo-3-chloropropane	94		98		68-130	4		30
Hexachlorobutadiene	**139**	Q	126		67-130	10		30
Isopropylbenzene	103		97		70-130	6		30
p-Isopropyltoluene	104		96		70-130	8		30
Naphthalene	92		95		70-130	3		30
Acrylonitrile	108		116		70-130	7		30
n-Propylbenzene	106		99		70-130	7		30
1,2,3-Trichlorobenzene	110		106		70-130	4		30
1,2,4-Trichlorobenzene	111		104		70-130	7		30
1,3,5-Trimethylbenzene	102		96		70-130	6		30
1,2,4-Trimethylbenzene	100		95		70-130	5		30
1,4-Dioxane	93		92		65-136	1		30
p-Diethylbenzene	102		94		70-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
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): 01-02,04 Batch: WG1667003-3 WG1667003-4								
p-Ethyltoluene	102		95		70-130	7		30
1,2,4,5-Tetramethylbenzene	97		92		70-130	5		30
Ethyl ether	92		93		67-130	1		30
trans-1,4-Dichloro-2-butene	112		114		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		110		70-130
Toluene-d8	105		104		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1667006-3 WG1667006-4								
Methylene chloride	83		82		70-130	1		30
1,1-Dichloroethane	105		100		70-130	5		30
Chloroform	96		90		70-130	6		30
Carbon tetrachloride	105		97		70-130	8		30
1,2-Dichloropropane	102		99		70-130	3		30
Dibromochloromethane	97		99		70-130	2		30
1,1,2-Trichloroethane	95		96		70-130	1		30
Tetrachloroethene	107		99		70-130	8		30
Chlorobenzene	97		94		70-130	3		30
Trichlorofluoromethane	103		94		70-139	9		30
1,2-Dichloroethane	102		103		70-130	1		30
1,1,1-Trichloroethane	99		93		70-130	6		30
Bromodichloromethane	89		88		70-130	1		30
trans-1,3-Dichloropropene	100		99		70-130	1		30
cis-1,3-Dichloropropene	96		94		70-130	2		30
1,1-Dichloropropene	109		99		70-130	10		30
Bromoform	99		102		70-130	3		30
1,1,2,2-Tetrachloroethane	87		84		70-130	4		30
Benzene	97		93		70-130	4		30
Toluene	100		96		70-130	4		30
Ethylbenzene	101		96		70-130	5		30
Chloromethane	85		78		52-130	9		30
Bromomethane	99		94		57-147	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1667006-3 WG1667006-4								
Vinyl chloride	90		81		67-130	11		30
Chloroethane	98		93		50-151	5		30
1,1-Dichloroethene	96		88		65-135	9		30
trans-1,2-Dichloroethene	94		90		70-130	4		30
Trichloroethene	100		100		70-130	0		30
1,2-Dichlorobenzene	95		93		70-130	2		30
1,3-Dichlorobenzene	97		93		70-130	4		30
1,4-Dichlorobenzene	95		92		70-130	3		30
Methyl tert butyl ether	93		96		66-130	3		30
p/m-Xylene	100		95		70-130	5		30
o-Xylene	97		93		70-130	4		30
cis-1,2-Dichloroethene	93		90		70-130	3		30
Dibromomethane	93		93		70-130	0		30
Styrene	96		93		70-130	3		30
Dichlorodifluoromethane	71		64		30-146	10		30
Acetone	**163**	Q	135		54-140	19		30
Carbon disulfide	91		83		59-130	9		30
2-Butanone	122		119		70-130	2		30
Vinyl acetate	100		77		70-130	26		30
4-Methyl-2-pentanone	101		107		70-130	6		30
1,2,3-Trichloropropane	102		107		68-130	5		30
2-Hexanone	122		120		70-130	2		30
Bromochloromethane	90		90		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1667006-3 WG1667006-4								
2,2-Dichloropropane	103		95		70-130	8		30
1,2-Dibromoethane	99		102		70-130	3		30
1,3-Dichloropropane	101		102		69-130	1		30
1,1,1,2-Tetrachloroethane	97		96		70-130	1		30
Bromobenzene	94		94		70-130	0		30
n-Butylbenzene	111		99		70-130	11		30
sec-Butylbenzene	107		99		70-130	8		30
tert-Butylbenzene	102		95		70-130	7		30
o-Chlorotoluene	103		98		70-130	5		30
p-Chlorotoluene	102		98		70-130	4		30
1,2-Dibromo-3-chloropropane	94		98		68-130	4		30
Hexachlorobutadiene	**139**	Q	126		67-130	10		30
Isopropylbenzene	103		97		70-130	6		30
p-Isopropyltoluene	104		96		70-130	8		30
Naphthalene	92		95		70-130	3		30
Acrylonitrile	108		116		70-130	7		30
n-Propylbenzene	106		99		70-130	7		30
1,2,3-Trichlorobenzene	110		106		70-130	4		30
1,2,4-Trichlorobenzene	111		104		70-130	7		30
1,3,5-Trimethylbenzene	102		96		70-130	6		30
1,2,4-Trimethylbenzene	100		95		70-130	5		30
1,4-Dioxane	93		92		65-136	1		30
p-Diethylbenzene	102		94		70-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1667006-3 WG1667006-4								
p-Ethyltoluene	102		95		70-130	7		30
1,2,4,5-Tetramethylbenzene	97		92		70-130	5		30
Ethyl ether	92		93		67-130	1		30
trans-1,4-Dichloro-2-butene	112		114		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		110		70-130
Toluene-d8	105		104		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
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Lab Number: L2239101
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): 05-07 Batch: WG1668425-3 WG1668425-4								
Methylene chloride	100		98		70-130	2		20
1,1-Dichloroethane	97		95		70-130	2		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	90		88		70-130	2		20
Dibromochloromethane	82		82		63-130	0		20
1,1,2-Trichloroethane	75		74		70-130	1		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	98		97		75-130	1		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	91		91		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	90		89		67-130	1		20
trans-1,3-Dichloropropene	75		73		70-130	3		20
cis-1,3-Dichloropropene	87		87		70-130	0		20
1,1-Dichloropropene	97		94		70-130	3		20
Bromoform	70		72		54-136	3		20
1,1,2,2-Tetrachloroethane	73		73		67-130	0		20
Benzene	97		96		70-130	1		20
Toluene	90		89		70-130	1		20
Ethylbenzene	93		91		70-130	2		20
Chloromethane	93		92		64-130	1		20
Bromomethane	100		99		39-139	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
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): 05-07 Batch: WG1668425-3 WG1668425-4								
Vinyl chloride	98		97		55-140	1		20
Chloroethane	96		99		55-138	3		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		97		70-130	3		20
1,2-Dichlorobenzene	95		95		70-130	0		20
1,3-Dichlorobenzene	96		95		70-130	1		20
1,4-Dichlorobenzene	96		96		70-130	0		20
Methyl tert butyl ether	86		86		63-130	0		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	95		95		70-130	0		20
1,2,3-Trichloropropane	74		74		64-130	0		20
Acrylonitrile	83		89		70-130	7		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	99		96		36-147	3		20
Acetone	89		82		58-148	8		20
Carbon disulfide	98		96		51-130	2		20
2-Butanone	77		79		63-138	3		20
Vinyl acetate	73		72		70-130	1		20
4-Methyl-2-pentanone	64		65		59-130	2		20
2-Hexanone	69		68		57-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
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): 05-07 Batch: WG1668425-3 WG1668425-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	97		98		63-133	1		20
1,2-Dibromoethane	81		80		70-130	1		20
1,3-Dichloropropane	77		78		70-130	1		20
1,1,1,2-Tetrachloroethane	86		86		64-130	0		20
Bromobenzene	95		95		70-130	0		20
n-Butylbenzene	85		84		53-136	1		20
sec-Butylbenzene	93		93		70-130	0		20
tert-Butylbenzene	94		93		70-130	1		20
o-Chlorotoluene	87		86		70-130	1		20
p-Chlorotoluene	86		86		70-130	0		20
1,2-Dibromo-3-chloropropane	73		77		41-144	5		20
Hexachlorobutadiene	88		85		63-130	3		20
Isopropylbenzene	92		90		70-130	2		20
p-Isopropyltoluene	92		91		70-130	1		20
Naphthalene	83		84		70-130	1		20
n-Propylbenzene	91		89		69-130	2		20
1,2,3-Trichlorobenzene	91		91		70-130	0		20
1,2,4-Trichlorobenzene	91		91		70-130	0		20
1,3,5-Trimethylbenzene	84		84		64-130	0		20
1,2,4-Trimethylbenzene	85		85		70-130	0		20
1,4-Dioxane	108		102		56-162	6		20
p-Diethylbenzene	88		87		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
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): 05-07 Batch: WG1668425-3 WG1668425-4								
p-Ethyltoluene	90		90		70-130	0		20
1,2,4,5-Tetramethylbenzene	84		84		70-130	0		20
Ethyl ether	93		91		59-134	2		20
trans-1,4-Dichloro-2-butene	**65**	Q	**66**	Q	70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		93		70-130
Toluene-d8	92		93		70-130
4-Bromofluorobenzene	86		87		70-130
Dibromofluoromethane	109		110		70-130

SEMIVOLATILES

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-01
Client ID: 15-SB-01
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 08:35
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/26/22 11:44
Analyst: JG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/22/22 17:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-01 Date Collected: 07/21/22 08:35

Client ID: 15-SB-01 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-01 Date Collected: 07/21/22 08:35

Client ID: 15-SB-01 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	79		18-120

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-02
Client ID: 15-SB-02
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 09:00
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/26/22 12:08
Analyst: JG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 07/22/22 17:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1

Project Name: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-02 Date Collected: 07/21/22 09:00

Client ID: 15-SB-02 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	170	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-02 Date Collected: 07/21/22 09:00

Client ID: 15-SB-02 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	61		18-120

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-03
Client ID: 15-SB-03
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 09:30
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/26/22 12:32
Analyst: JG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/22/22 17:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	91	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	620		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	2100		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	2100		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-03 Date Collected: 07/21/22 09:30

Client ID: 15-SB-03 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	220		ug/kg	110	20.	1
Benzo(a)pyrene	310		ug/kg	140	44.	1
Benzo(b)fluoranthene	480		ug/kg	110	30.	1
Benzo(k)fluoranthene	160		ug/kg	110	29.	1
Chrysene	400		ug/kg	110	19.	1
Acenaphthylene	100	J	ug/kg	140	28.	1
Anthracene	90	J	ug/kg	110	35.	1
Benzo(ghi)perylene	210		ug/kg	140	21.	1
Fluorene	86	J	ug/kg	180	17.	1
Phenanthrene	410		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	44	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	240		ug/kg	140	25.	1
Pyrene	570		ug/kg	110	18.	1
Biphenyl	46	J	ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	60	J	ug/kg	180	17.	1
2-Methylnaphthalene	440		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	120	J	ug/kg	260	28.	1

Project Name: 15 KENSICO
Lab Number: L2239101
Project Number: 15048-A
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-03
Client ID: 15-SB-03
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 09:30
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	54	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	59		18-120

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-04 D
Client ID: 15-SB-04
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 09:50
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/28/22 14:31
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/22/22 17:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	3000	390	20
1,2,4-Trichlorobenzene	ND		ug/kg	3800	430	20
Hexachlorobenzene	ND		ug/kg	2200	420	20
Bis(2-chloroethyl)ether	ND		ug/kg	3400	510	20
2-Chloronaphthalene	ND		ug/kg	3800	370	20
1,2-Dichlorobenzene	ND		ug/kg	3800	680	20
1,3-Dichlorobenzene	ND		ug/kg	3800	650	20
1,4-Dichlorobenzene	ND		ug/kg	3800	660	20
3,3'-Dichlorobenzidine	ND		ug/kg	3800	1000	20
2,4-Dinitrotoluene	ND		ug/kg	3800	750	20
2,6-Dinitrotoluene	ND		ug/kg	3800	650	20
Fluoranthene	2400		ug/kg	2200	430	20
4-Chlorophenyl phenyl ether	ND		ug/kg	3800	400	20
4-Bromophenyl phenyl ether	ND		ug/kg	3800	570	20
Bis(2-chloroisopropyl)ether	ND		ug/kg	4500	640	20
Bis(2-chloroethoxy)methane	ND		ug/kg	4100	380	20
Hexachlorobutadiene	ND		ug/kg	3800	550	20
Hexachlorocyclopentadiene	ND		ug/kg	11000	3400	20
Hexachloroethane	ND		ug/kg	3000	610	20
Isophorone	ND		ug/kg	3400	490	20
Naphthalene	960	J	ug/kg	3800	460	20
Nitrobenzene	ND		ug/kg	3400	560	20
NDPA/DPA	ND		ug/kg	3000	430	20
n-Nitrosodi-n-propylamine	ND		ug/kg	3800	580	20
Bis(2-ethylhexyl)phthalate	ND		ug/kg	3800	1300	20
Butyl benzyl phthalate	ND		ug/kg	3800	950	20
Di-n-butylphthalate	ND		ug/kg	3800	710	20
Di-n-octylphthalate	ND		ug/kg	3800	1300	20

Project Name: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-04 D Date Collected: 07/21/22 09:50

Client ID: 15-SB-04 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	3800	350	20
Dimethyl phthalate	ND		ug/kg	3800	790	20
Benzo(a)anthracene	1000	J	ug/kg	2200	420	20
Benzo(a)pyrene	1000	J	ug/kg	3000	920	20
Benzo(b)fluoranthene	1700	J	ug/kg	2200	630	20
Benzo(k)fluoranthene	ND		ug/kg	2200	600	20
Chrysene	1600	J	ug/kg	2200	390	20
Acenaphthylene	ND		ug/kg	3000	580	20
Anthracene	ND		ug/kg	2200	730	20
Benzo(ghi)perylene	740	J	ug/kg	3000	440	20
Fluorene	ND		ug/kg	3800	360	20
Phenanthrene	1400	J	ug/kg	2200	460	20
Dibenzo(a,h)anthracene	ND		ug/kg	2200	440	20
Indeno(1,2,3-cd)pyrene	780	J	ug/kg	3000	520	20
Pyrene	2000	J	ug/kg	2200	370	20
Biphenyl	ND		ug/kg	8600	490	20
4-Chloroaniline	ND		ug/kg	3800	680	20
2-Nitroaniline	ND		ug/kg	3800	720	20
3-Nitroaniline	ND		ug/kg	3800	710	20
4-Nitroaniline	ND		ug/kg	3800	1600	20
Dibenzofuran	ND		ug/kg	3800	360	20
2-Methylnaphthalene	450	J	ug/kg	4500	450	20
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	3800	390	20
Acetophenone	ND		ug/kg	3800	470	20
2,4,6-Trichlorophenol	ND		ug/kg	2200	710	20
p-Chloro-m-cresol	ND		ug/kg	3800	560	20
2-Chlorophenol	ND		ug/kg	3800	440	20
2,4-Dichlorophenol	ND		ug/kg	3400	600	20
2,4-Dimethylphenol	ND		ug/kg	3800	1200	20
2-Nitrophenol	ND		ug/kg	8100	1400	20
4-Nitrophenol	ND		ug/kg	5300	1500	20
2,4-Dinitrophenol	ND		ug/kg	18000	1800	20
4,6-Dinitro-o-cresol	ND		ug/kg	9800	1800	20
Pentachlorophenol	ND		ug/kg	3000	830	20
Phenol	ND		ug/kg	3800	570	20
2-Methylphenol	ND		ug/kg	3800	580	20
3-Methylphenol/4-Methylphenol	ND		ug/kg	5400	590	20

Project Name: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-04 D Date Collected: 07/21/22 09:50

Client ID: 15-SB-04 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	3800	720	20
Benzoic Acid	ND		ug/kg	12000	3800	20
Benzyl Alcohol	ND		ug/kg	3800	1200	20
Carbazole	ND		ug/kg	3800	360	20
1,4-Dioxane	ND		ug/kg	560	170	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-05
Client ID: 15-TW-01
Sample Location: 15 KENSICO DR

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

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/23/22 18:25
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/22/22 16:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-05 Date Collected: 07/21/22 10:50

Client ID: 15-TW-01 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	5.3	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	71		41-149

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-05
Client ID: 15-TW-01
Sample Location: 15 KENSICO DR

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

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/22 20:20
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/22/22 16:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.05	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.06	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-05 Date Collected: 07/21/22 10:50

Client ID: 15-TW-01 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	95		41-149

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-06
Client ID: 15-TW-02
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 11:25
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/23/22 18:02
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/22/22 16:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-06
Client ID: 15-TW-02
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 11:25
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	5.4	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	88		41-149

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-06
Client ID: 15-TW-02
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 11:25
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/22 20:36
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/22/22 16:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.02	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-06 Date Collected: 07/21/22 11:25

Client ID: 15-TW-02 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		21-120
Phenol-d6	88		10-120
Nitrobenzene-d5	**127**	Q	23-120
2-Fluorobiphenyl	107		15-120
2,4,6-Tribromophenol	110		10-120
4-Terphenyl-d14	112		41-149

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-07
Client ID: 15-TW-03
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 11:45
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 07/23/22 17:38
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/22/22 16:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 15 KENSICO **Lab Number:** L2239101

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

SAMPLE RESULTS

Lab ID: L2239101-07 Date Collected: 07/21/22 11:45

Client ID: 15-TW-03 Date Received: 07/21/22

Sample Location: 15 KENSICO DR Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	5.6	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	74		41-149

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-07
Client ID: 15-TW-03
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 11:45
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/23/22 20:52
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/22/22 16:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.9		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.04	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.19		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	0.01	J	ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.05	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.06	J	ug/l	0.10	0.01	1
Phenanthrene	0.10		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.08	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 15 KENSICO
Lab Number: L2239101
Project Number: 15048-A
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-07
Client ID: 15-TW-03
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 11:45
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	116		23-120
2-Fluorobiphenyl	95		15-120
2,4,6-Tribromophenol	104		10-120
4-Terphenyl-d14	101		41-149

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/23/22 16:28
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/21/22 20:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-07 Batch: WG1665905-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/23/22 16:28
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/21/22 20:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-07 Batch: WG1665905-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/23/22 16:28
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/21/22 20:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-07 Batch: WG1665905-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	35		23-120
2-Fluorobiphenyl	34		15-120
2,4,6-Tribromophenol	33		10-120
4-Terphenyl-d14	**34**	Q	41-149

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/22 12:15
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/21/22 20:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05-07 Batch: WG1665907-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	0.03	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	0.03	J	ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 07/22/22 12:15
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/21/22 20:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05-07 Batch: WG1665907-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	38		23-120
2-Fluorobiphenyl	39		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	41		41-149

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/23/22 16:31
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 07/22/22 17:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1666370-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/23/22 16:31
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 07/22/22 17:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1666370-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/23/22 16:31
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 07/22/22 17:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1666370-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	121		10-136
4-Terphenyl-d14	102		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07 Batch: WG1665905-2 WG1665905-3								
Acenaphthene	70		72		37-111	3		30
1,2,4-Trichlorobenzene	69		71		39-98	3		30
Hexachlorobenzene	71		80		40-140	12		30
Bis(2-chloroethyl)ether	64		65		40-140	2		30
2-Chloronaphthalene	70		74		40-140	6		30
1,2-Dichlorobenzene	69		71		40-140	3		30
1,3-Dichlorobenzene	68		71		40-140	4		30
1,4-Dichlorobenzene	66		70		36-97	6		30
3,3'-Dichlorobenzidine	**34**	Q	45		40-140	28		30
2,4-Dinitrotoluene	93		105		48-143	12		30
2,6-Dinitrotoluene	88		99		40-140	12		30
Fluoranthene	69		74		40-140	7		30
4-Chlorophenyl phenyl ether	71		78		40-140	9		30
4-Bromophenyl phenyl ether	71		80		40-140	12		30
Bis(2-chloroisopropyl)ether	69		73		40-140	6		30
Bis(2-chloroethoxy)methane	70		74		40-140	6		30
Hexachlorobutadiene	68		70		40-140	3		30
Hexachlorocyclopentadiene	66		62		40-140	6		30
Hexachloroethane	65		66		40-140	2		30
Isophorone	60		64		40-140	6		30
Naphthalene	68		70		40-140	3		30
Nitrobenzene	66		72		40-140	9		30
NDPA/DPA	70		76		40-140	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07 Batch: WG1665905-2 WG1665905-3								
n-Nitrosodi-n-propylamine	59		63		29-132	7		30
Bis(2-ethylhexyl)phthalate	79		89		40-140	12		30
Butyl benzyl phthalate	78		86		40-140	10		30
Di-n-butylphthalate	70		78		40-140	11		30
Di-n-octylphthalate	75		85		40-140	13		30
Diethyl phthalate	71		80		40-140	12		30
Dimethyl phthalate	73		82		40-140	12		30
Benzo(a)anthracene	69		77		40-140	11		30
Benzo(a)pyrene	74		83		40-140	11		30
Benzo(b)fluoranthene	77		84		40-140	9		30
Benzo(k)fluoranthene	67		74		40-140	10		30
Chrysene	69		78		40-140	12		30
Acenaphthylene	72		79		45-123	9		30
Anthracene	67		73		40-140	9		30
Benzo(ghi)perylene	71		78		40-140	9		30
Fluorene	69		77		40-140	11		30
Phenanthrene	71		74		40-140	4		30
Dibenzo(a,h)anthracene	72		76		40-140	5		30
Indeno(1,2,3-cd)pyrene	71		76		40-140	7		30
Pyrene	69		74		26-127	7		30
Biphenyl	71		75		40-140	5		30
4-Chloroaniline	**38**	Q	49		40-140	25		30
2-Nitroaniline	94		107		52-143	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07 Batch: WG1665905-2 WG1665905-3								
3-Nitroaniline	70		82		25-145	16		30
4-Nitroaniline	77		87		51-143	12		30
Dibenzofuran	70		75		40-140	7		30
2-Methylnaphthalene	71		72		40-140	1		30
1,2,4,5-Tetrachlorobenzene	68		73		2-134	7		30
Acetophenone	61		65		39-129	6		30
2,4,6-Trichlorophenol	73		78		30-130	7		30
p-Chloro-m-cresol	65		72		23-97	10		30
2-Chlorophenol	72		73		27-123	1		30
2,4-Dichlorophenol	73		82		30-130	12		30
2,4-Dimethylphenol	62		**20**	Q	30-130	**102**	Q	30
2-Nitrophenol	90		99		30-130	10		30
4-Nitrophenol	**88**	Q	**102**	Q	10-80	15		30
2,4-Dinitrophenol	110		117		20-130	6		30
4,6-Dinitro-o-cresol	108		119		20-164	10		30
Pentachlorophenol	78		86		9-103	10		30
Phenol	50		53		12-110	6		30
2-Methylphenol	65		59		30-130	10		30
3-Methylphenol/4-Methylphenol	66		68		30-130	3		30
2,4,5-Trichlorophenol	71		84		30-130	17		30
Benzoic Acid	82		89		10-164	8		30
Benzyl Alcohol	59		65		26-116	10		30
Carbazole	71		77		55-144	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07 Batch: WG1665905-2 WG1665905-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	31		32		21-120
Phenol-d6	25		28		10-120
Nitrobenzene-d5	38		39		23-120
2-Fluorobiphenyl	36		39		15-120
2,4,6-Tribromophenol	42		46		10-120
4-Terphenyl-d14	**35**	Q	**39**	Q	41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05-07 Batch: WG1665907-2 WG1665907-3								
Acenaphthene	71		68		40-140	4		40
2-Chloronaphthalene	68		66		40-140	3		40
Fluoranthene	69		68		40-140	1		40
Hexachlorobutadiene	74		72		40-140	3		40
Naphthalene	71		67		40-140	6		40
Benzo(a)anthracene	71		68		40-140	4		40
Benzo(a)pyrene	75		71		40-140	5		40
Benzo(b)fluoranthene	81		74		40-140	9		40
Benzo(k)fluoranthene	75		75		40-140	0		40
Chrysene	72		69		40-140	4		40
Acenaphthylene	67		66		40-140	2		40
Anthracene	71		69		40-140	3		40
Benzo(ghi)perylene	74		71		40-140	4		40
Fluorene	70		69		40-140	1		40
Phenanthrene	71		69		40-140	3		40
Dibenzo(a,h)anthracene	78		75		40-140	4		40
Indeno(1,2,3-cd)pyrene	75		71		40-140	5		40
Pyrene	68		68		40-140	0		40
2-Methylnaphthalene	68		67		40-140	1		40
Pentachlorophenol	62		63		40-140	2		40
Hexachlorobenzene	79		74		40-140	7		40
Hexachloroethane	66		64		40-140	3		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05-07 Batch: WG1665907-2 WG1665907-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	32		30		21-120
Phenol-d6	27		25		10-120
Nitrobenzene-d5	36		34		23-120
2-Fluorobiphenyl	37		36		15-120
2,4,6-Tribromophenol	43		42		10-120
4-Terphenyl-d14	**37**	Q	**36**	Q	41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1666370-2 WG1666370-3								
Acenaphthene	57		68		31-137	18		50
1,2,4-Trichlorobenzene	56		69		38-107	21		50
Hexachlorobenzene	72		91		40-140	23		50
Bis(2-chloroethyl)ether	55		65		40-140	17		50
2-Chloronaphthalene	59		72		40-140	20		50
1,2-Dichlorobenzene	55		67		40-140	20		50
1,3-Dichlorobenzene	54		66		40-140	20		50
1,4-Dichlorobenzene	53		65		28-104	20		50
3,3'-Dichlorobenzidine	53		60		40-140	12		50
2,4-Dinitrotoluene	66		82		40-132	22		50
2,6-Dinitrotoluene	64		81		40-140	23		50
Fluoranthene	63		76		40-140	19		50
4-Chlorophenyl phenyl ether	60		75		40-140	22		50
4-Bromophenyl phenyl ether	68		83		40-140	20		50
Bis(2-chloroisopropyl)ether	**36**	Q	45		40-140	22		50
Bis(2-chloroethoxy)methane	54		67		40-117	21		50
Hexachlorobutadiene	61		74		40-140	19		50
Hexachlorocyclopentadiene	**36**	Q	47		40-140	27		50
Hexachloroethane	52		65		40-140	22		50
Isophorone	52		65		40-140	22		50
Naphthalene	56		68		40-140	19		50
Nitrobenzene	54		67		40-140	21		50
NDPA/DPA	62		77		36-157	22		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1666370-2 WG1666370-3								
n-Nitrosodi-n-propylamine	52		64		32-121	21		50
Bis(2-ethylhexyl)phthalate	56		71		40-140	24		50
Butyl benzyl phthalate	64		78		40-140	20		50
Di-n-butylphthalate	65		80		40-140	21		50
Di-n-octylphthalate	56		72		40-140	25		50
Diethyl phthalate	59		73		40-140	21		50
Dimethyl phthalate	60		76		40-140	24		50
Benzo(a)anthracene	61		75		40-140	21		50
Benzo(a)pyrene	70		86		40-140	21		50
Benzo(b)fluoranthene	64		81		40-140	23		50
Benzo(k)fluoranthene	62		80		40-140	25		50
Chrysene	59		71		40-140	18		50
Acenaphthylene	60		76		40-140	24		50
Anthracene	60		73		40-140	20		50
Benzo(ghi)perylene	65		77		40-140	17		50
Fluorene	60		73		40-140	20		50
Phenanthrene	59		70		40-140	17		50
Dibenzo(a,h)anthracene	67		79		40-140	16		50
Indeno(1,2,3-cd)pyrene	72		85		40-140	17		50
Pyrene	62		75		35-142	19		50
Biphenyl	57		69		37-127	19		50
4-Chloroaniline	52		60		40-140	14		50
2-Nitroaniline	69		86		47-134	22		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1666370-2 WG1666370-3								
3-Nitroaniline	53		60		26-129	12		50
4-Nitroaniline	64		79		41-125	21		50
Dibenzofuran	60		72		40-140	18		50
2-Methylnaphthalene	59		72		40-140	20		50
1,2,4,5-Tetrachlorobenzene	63		79		40-117	23		50
Acetophenone	55		68		14-144	21		50
2,4,6-Trichlorophenol	70		86		30-130	21		50
p-Chloro-m-cresol	65		80		26-103	21		50
2-Chlorophenol	60		73		25-102	20		50
2,4-Dichlorophenol	62		77		30-130	22		50
2,4-Dimethylphenol	57		70		30-130	20		50
2-Nitrophenol	60		73		30-130	20		50
4-Nitrophenol	51		65		11-114	24		50
2,4-Dinitrophenol	62		78		4-130	23		50
4,6-Dinitro-o-cresol	66		82		10-130	22		50
Pentachlorophenol	59		74		17-109	23		50
Phenol	61		75		26-90	21		50
2-Methylphenol	60		73		30-130.	20		50
3-Methylphenol/4-Methylphenol	64		80		30-130	22		50
2,4,5-Trichlorophenol	71		87		30-130	20		50
Benzoic Acid	49		65		10-110	28		50
Benzyl Alcohol	58		72		40-140	22		50
Carbazole	64		76		54-128	17		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1666370-2 WG1666370-3								
1,4-Dioxane	47		52		40-140	10		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		78		25-120
Phenol-d6	62		77		10-120
Nitrobenzene-d5	55		66		23-120
2-Fluorobiphenyl	61		73		30-120
2,4,6-Tribromophenol	81		98		10-136
4-Terphenyl-d14	67		82		18-120

PCBS

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-01
Client ID: 15-SB-01
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 08:35
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/25/22 10:19
Analyst: MEO
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/22/22 16:06
Cleanup Method: EPA 3665A
Cleanup Date: 07/22/22
Cleanup Method: EPA 3660B
Cleanup Date: 07/23/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.5	3.51	1	A
Aroclor 1221	ND		ug/kg	39.5	3.96	1	A
Aroclor 1232	ND		ug/kg	39.5	8.38	1	A
Aroclor 1242	ND		ug/kg	39.5	5.33	1	A
Aroclor 1248	ND		ug/kg	39.5	5.93	1	A
Aroclor 1254	ND		ug/kg	39.5	4.32	1	A
Aroclor 1260	ND		ug/kg	39.5	7.31	1	A
Aroclor 1262	ND		ug/kg	39.5	5.02	1	A
Aroclor 1268	ND		ug/kg	39.5	4.10	1	A
PCBs, Total	ND		ug/kg	39.5	3.51	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-02
Client ID: 15-SB-02
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 09:00
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/25/22 10:27
Analyst: MEO
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 07/22/22 16:06
Cleanup Method: EPA 3665A
Cleanup Date: 07/22/22
Cleanup Method: EPA 3660B
Cleanup Date: 07/23/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.3	3.58	1	A
Aroclor 1221	ND		ug/kg	40.3	4.04	1	A
Aroclor 1232	ND		ug/kg	40.3	8.54	1	A
Aroclor 1242	ND		ug/kg	40.3	5.43	1	A
Aroclor 1248	ND		ug/kg	40.3	6.04	1	A
Aroclor 1254	ND		ug/kg	40.3	4.41	1	A
Aroclor 1260	ND		ug/kg	40.3	7.44	1	A
Aroclor 1262	ND		ug/kg	40.3	5.12	1	A
Aroclor 1268	ND		ug/kg	40.3	4.17	1	A
PCBs, Total	ND		ug/kg	40.3	3.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-03 D
Client ID: 15-SB-03
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 09:30
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/25/22 13:37
Analyst: MEO
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/22/22 16:06
Cleanup Method: EPA 3665A
Cleanup Date: 07/22/22
Cleanup Method: EPA 3660B
Cleanup Date: 07/23/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	172	15.3	5	A
Aroclor 1221	ND		ug/kg	172	17.2	5	A
Aroclor 1232	ND		ug/kg	172	36.4	5	A
Aroclor 1242	ND		ug/kg	172	23.2	5	A
Aroclor 1248	ND		ug/kg	172	25.8	5	A
Aroclor 1254	1820		ug/kg	172	18.8	5	A
Aroclor 1260	ND		ug/kg	172	31.8	5	A
Aroclor 1262	ND		ug/kg	172	21.8	5	A
Aroclor 1268	ND		ug/kg	172	17.8	5	A
PCBs, Total	1820		ug/kg	172	15.3	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-04 D
Client ID: 15-SB-04
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 09:50
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/25/22 13:45
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/22/22 16:06
Cleanup Method: EPA 3665A
Cleanup Date: 07/22/22
Cleanup Method: EPA 3660B
Cleanup Date: 07/23/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	186	16.6	5	A
Aroclor 1221	ND		ug/kg	186	18.7	5	A
Aroclor 1232	ND		ug/kg	186	39.5	5	A
Aroclor 1242	ND		ug/kg	186	25.1	5	A
Aroclor 1248	ND		ug/kg	186	28.0	5	A
Aroclor 1254	2940		ug/kg	186	20.4	5	A
Aroclor 1260	ND		ug/kg	186	34.4	5	A
Aroclor 1262	ND		ug/kg	186	23.7	5	A
Aroclor 1268	ND		ug/kg	186	19.3	5	A
PCBs, Total	2940		ug/kg	186	16.6	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-05
Client ID: 15-TW-01
Sample Location: 15 KENSICO DR

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

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/24/22 14:46
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/23/22 09:29
Cleanup Method: EPA 3665A
Cleanup Date: 07/23/22
Cleanup Method: EPA 3660B
Cleanup Date: 07/23/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.130	0.111	1	A
Aroclor 1221	ND		ug/l	0.130	0.111	1	A
Aroclor 1232	ND		ug/l	0.130	0.111	1	A
Aroclor 1242	ND		ug/l	0.130	0.111	1	A
Aroclor 1248	ND		ug/l	0.130	0.111	1	A
Aroclor 1254	ND		ug/l	0.130	0.111	1	A
Aroclor 1260	ND		ug/l	0.130	0.111	1	B
Aroclor 1262	ND		ug/l	0.130	0.111	1	A
Aroclor 1268	ND		ug/l	0.130	0.111	1	A
PCBs, Total	ND		ug/l	0.130	0.111	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-06
Client ID: 15-TW-02
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 11:25
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/24/22 14:54
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/23/22 09:29
Cleanup Method: EPA 3665A
Cleanup Date: 07/23/22
Cleanup Method: EPA 3660B
Cleanup Date: 07/23/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.119	0.102	1	A
Aroclor 1221	ND		ug/l	0.119	0.102	1	A
Aroclor 1232	ND		ug/l	0.119	0.102	1	A
Aroclor 1242	ND		ug/l	0.119	0.102	1	A
Aroclor 1248	ND		ug/l	0.119	0.102	1	A
Aroclor 1254	ND		ug/l	0.119	0.102	1	A
Aroclor 1260	ND		ug/l	0.119	0.102	1	A
Aroclor 1262	ND		ug/l	0.119	0.102	1	A
Aroclor 1268	ND		ug/l	0.119	0.102	1	A
PCBs, Total	ND		ug/l	0.119	0.102	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-07
Client ID: 15-TW-03
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 11:45
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/24/22 15:03
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/23/22 09:29
Cleanup Method: EPA 3665A
Cleanup Date: 07/23/22
Cleanup Method: EPA 3660B
Cleanup Date: 07/23/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.079	0.068	1	A
Aroclor 1221	ND		ug/l	0.079	0.068	1	A
Aroclor 1232	ND		ug/l	0.079	0.068	1	A
Aroclor 1242	ND		ug/l	0.079	0.068	1	A
Aroclor 1248	ND		ug/l	0.079	0.068	1	A
Aroclor 1254	0.074	J	ug/l	0.079	0.068	1	B
Aroclor 1260	ND		ug/l	0.079	0.068	1	A
Aroclor 1262	ND		ug/l	0.079	0.068	1	A
Aroclor 1268	ND		ug/l	0.079	0.068	1	A
PCBs, Total	0.074	J	ug/l	0.079	0.068	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/23/22 03:23
Analyst: AD

Extraction Method: EPA 3546
Extraction Date: 07/22/22 04:44
Cleanup Method: EPA 3665A
Cleanup Date: 07/22/22
Cleanup Method: EPA 3660B
Cleanup Date: 07/22/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG1665989-1						
Aroclor 1016	ND		ug/kg	32.3	2.87	A
Aroclor 1221	ND		ug/kg	32.3	3.24	A
Aroclor 1232	ND		ug/kg	32.3	6.85	A
Aroclor 1242	ND		ug/kg	32.3	4.35	A
Aroclor 1248	ND		ug/kg	32.3	4.84	A
Aroclor 1254	ND		ug/kg	32.3	3.53	A
Aroclor 1260	ND		ug/kg	32.3	5.97	A
Aroclor 1262	ND		ug/kg	32.3	4.10	A
Aroclor 1268	ND		ug/kg	32.3	3.35	A
PCBs, Total	ND		ug/kg	32.3	2.87	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/24/22 15:11
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 07/23/22 09:29
Cleanup Method: EPA 3665A
Cleanup Date: 07/23/22
Cleanup Method: EPA 3660B
Cleanup Date: 07/23/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05-07 Batch: WG1666529-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
Aroclor 1260	0.078		ug/l	0.071	0.061	B
PCBs, Total	0.078		ug/l	0.071	0.061	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	87		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 15 KENSICO

Project Number: 15048-A

Lab Number: L2239101

Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1665989-2 WG1665989-3									
Aroclor 1016	82		85		40-140	4		50	A
Aroclor 1260	56		58		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		87		30-150	A
Decachlorobiphenyl	58		60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		90		30-150	B
Decachlorobiphenyl	56		60		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 15 KENSICO

Project Number: 15048-A

Lab Number: L2239101

Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05-07 Batch: WG1666529-2 WG1666529-3									
Aroclor 1016	99		104		40-140	5		50	A
Aroclor 1260	94		100		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		95		30-150	A
Decachlorobiphenyl	89		91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		93		30-150	B
Decachlorobiphenyl	85		92		30-150	B

METALS

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-01
Client ID: 15-SB-01
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 08:35
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8840		mg/kg	9.64	2.60	2	07/22/22 21:57	07/27/22 15:41	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.82	0.366	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Arsenic, Total	2.03		mg/kg	0.964	0.200	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Barium, Total	52.1		mg/kg	0.964	0.168	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Beryllium, Total	0.270	J	mg/kg	0.482	0.032	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Cadmium, Total	0.578	J	mg/kg	0.964	0.095	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Calcium, Total	1240		mg/kg	9.64	3.37	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Chromium, Total	17.5		mg/kg	0.964	0.093	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Cobalt, Total	7.41		mg/kg	1.93	0.160	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Copper, Total	15.5		mg/kg	0.964	0.249	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Iron, Total	15900		mg/kg	4.82	0.870	2	07/22/22 21:57	07/27/22 15:41	EPA 3050B	1,6010D	MC
Lead, Total	3.86	J	mg/kg	4.82	0.258	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Magnesium, Total	4110		mg/kg	9.64	1.48	2	07/22/22 21:57	07/27/22 15:41	EPA 3050B	1,6010D	MC
Manganese, Total	347		mg/kg	0.964	0.153	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Mercury, Total	ND		mg/kg	0.082	0.054	1	07/22/22 22:47	07/27/22 13:54	EPA 7471B	1,7471B	DMB
Nickel, Total	11.8		mg/kg	2.41	0.233	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Potassium, Total	1140		mg/kg	241	13.9	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Selenium, Total	ND		mg/kg	1.93	0.249	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Silver, Total	ND		mg/kg	0.964	0.273	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Sodium, Total	194		mg/kg	193	3.04	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Thallium, Total	ND		mg/kg	1.93	0.304	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Vanadium, Total	22.7		mg/kg	0.964	0.196	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW
Zinc, Total	33.8		mg/kg	4.82	0.282	2	07/22/22 21:57	07/27/22 09:39	EPA 3050B	1,6010D	EW

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-02
Client ID: 15-SB-02
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 09:00
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4710		mg/kg	10.0	2.70	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Antimony, Total	ND		mg/kg	5.00	0.380	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Arsenic, Total	1.74		mg/kg	1.00	0.208	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Barium, Total	39.7		mg/kg	1.00	0.174	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Beryllium, Total	0.130	J	mg/kg	0.500	0.033	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Cadmium, Total	0.440	J	mg/kg	1.00	0.098	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Calcium, Total	20600		mg/kg	10.0	3.50	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Chromium, Total	10.4		mg/kg	1.00	0.096	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Cobalt, Total	5.70		mg/kg	2.00	0.166	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Copper, Total	15.6		mg/kg	1.00	0.258	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Iron, Total	9490		mg/kg	5.00	0.904	2	07/22/22 21:57	07/27/22 16:28	EPA 3050B	1,6010D	MC
Lead, Total	3.32	J	mg/kg	5.00	0.268	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Magnesium, Total	11700		mg/kg	10.0	1.54	2	07/22/22 21:57	07/27/22 16:28	EPA 3050B	1,6010D	MC
Manganese, Total	242		mg/kg	1.00	0.159	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Mercury, Total	ND		mg/kg	0.089	0.058	1	07/22/22 22:47	07/27/22 15:07	EPA 7471B	1,7471B	DMB
Nickel, Total	9.19		mg/kg	2.50	0.242	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Potassium, Total	1180		mg/kg	250	14.4	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Selenium, Total	ND		mg/kg	2.00	0.258	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Silver, Total	ND		mg/kg	1.00	0.283	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Sodium, Total	119	J	mg/kg	200	3.15	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Thallium, Total	ND		mg/kg	2.00	0.315	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Vanadium, Total	14.4		mg/kg	1.00	0.203	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW
Zinc, Total	26.6		mg/kg	5.00	0.293	2	07/22/22 21:57	07/27/22 11:48	EPA 3050B	1,6010D	EW

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-03
Client ID: 15-SB-03
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 09:30
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4030		mg/kg	8.76	2.36	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Antimony, Total	1.02	J	mg/kg	4.38	0.333	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Arsenic, Total	5.68		mg/kg	0.876	0.182	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Barium, Total	72.8		mg/kg	0.876	0.152	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Beryllium, Total	0.158	J	mg/kg	0.438	0.029	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Cadmium, Total	1.46		mg/kg	0.876	0.086	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Calcium, Total	2590		mg/kg	8.76	3.06	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Chromium, Total	79.0		mg/kg	0.876	0.084	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Cobalt, Total	5.26		mg/kg	1.75	0.145	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Copper, Total	122		mg/kg	0.876	0.226	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Iron, Total	28000		mg/kg	4.38	0.791	2	07/22/22 21:57	07/27/22 16:32	EPA 3050B	1,6010D	MC
Lead, Total	183		mg/kg	4.38	0.235	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Magnesium, Total	1350		mg/kg	8.76	1.35	2	07/22/22 21:57	07/27/22 16:32	EPA 3050B	1,6010D	MC
Manganese, Total	421		mg/kg	0.876	0.139	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Mercury, Total	0.106		mg/kg	0.078	0.051	1	07/22/22 22:47	07/27/22 15:10	EPA 7471B	1,7471B	DMB
Nickel, Total	64.6		mg/kg	2.19	0.212	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Potassium, Total	566		mg/kg	219	12.6	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Selenium, Total	ND		mg/kg	1.75	0.226	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Silver, Total	0.543	J	mg/kg	0.876	0.248	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Sodium, Total	49.5	J	mg/kg	175	2.76	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Thallium, Total	ND		mg/kg	1.75	0.276	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Vanadium, Total	15.7		mg/kg	0.876	0.178	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW
Zinc, Total	148		mg/kg	4.38	0.257	2	07/22/22 21:57	07/27/22 11:53	EPA 3050B	1,6010D	EW

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-04
Client ID: 15-SB-04
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 09:50
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7290		mg/kg	8.89	2.40	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Antimony, Total	5.74		mg/kg	4.45	0.338	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Arsenic, Total	7.46		mg/kg	0.889	0.185	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Barium, Total	107		mg/kg	0.889	0.155	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Beryllium, Total	0.293	J	mg/kg	0.445	0.029	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Cadmium, Total	1.89		mg/kg	0.889	0.087	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Calcium, Total	5430		mg/kg	8.89	3.11	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Chromium, Total	94.0		mg/kg	0.889	0.085	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Cobalt, Total	11.1		mg/kg	1.78	0.148	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Copper, Total	3370		mg/kg	0.889	0.229	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Iron, Total	21000		mg/kg	4.45	0.803	2	07/22/22 21:57	07/27/22 16:37	EPA 3050B	1,6010D	MC
Lead, Total	643		mg/kg	4.45	0.238	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Magnesium, Total	4010		mg/kg	8.89	1.37	2	07/22/22 21:57	07/27/22 16:37	EPA 3050B	1,6010D	MC
Manganese, Total	256		mg/kg	0.889	0.141	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Mercury, Total	0.191		mg/kg	0.081	0.053	1	07/22/22 22:47	07/27/22 15:13	EPA 7471B	1,7471B	DMB
Nickel, Total	15.3		mg/kg	2.22	0.215	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Potassium, Total	1240		mg/kg	222	12.8	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Selenium, Total	0.978	J	mg/kg	1.78	0.229	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Silver, Total	ND		mg/kg	0.889	0.252	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Sodium, Total	105	J	mg/kg	178	2.80	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Thallium, Total	ND		mg/kg	1.78	0.280	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Vanadium, Total	26.6		mg/kg	0.889	0.180	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW
Zinc, Total	210		mg/kg	4.45	0.260	2	07/22/22 21:57	07/27/22 11:57	EPA 3050B	1,6010D	EW

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-05
Client ID: 15-TW-01
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 10:50
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2080000		ug/l	500.	164.	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Antimony, Total	ND		ug/l	200.0	21.45	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Arsenic, Total	436.7		ug/l	25.00	8.250	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Barium, Total	35470		ug/l	25.00	8.650	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Beryllium, Total	58.62		ug/l	25.00	5.350	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Cadmium, Total	29.62		ug/l	10.00	2.995	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Calcium, Total	14000000		ug/l	5000	1970	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Chromium, Total	5044.		ug/l	50.00	8.900	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Cobalt, Total	2238.		ug/l	25.00	8.150	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Copper, Total	6602.		ug/l	50.00	19.20	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Iron, Total	4240000		ug/l	2500	955.	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Lead, Total	1770.		ug/l	50.00	17.15	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Magnesium, Total	7440000		ug/l	3500	1210	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Manganese, Total	134500		ug/l	50.00	22.00	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Mercury, Total	ND		ug/l	10.00	4.575	1	07/28/22 12:09	07/28/22 15:56	EPA 7470A	1,7470A	DMB
Nickel, Total	4177.		ug/l	100.0	27.80	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Potassium, Total	791000		ug/l	5000	1540	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Selenium, Total	430.		ug/l	250.	86.5	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Silver, Total	10.57	J	ug/l	20.00	8.150	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Sodium, Total	255000		ug/l	5000	1460	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Thallium, Total	63.18	J	ug/l	100.0	7.150	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Vanadium, Total	5962.		ug/l	250.0	78.50	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD
Zinc, Total	9531.		ug/l	500.0	170.5	1	07/22/22 21:17	07/25/22 10:38	EPA 3005A	1,6020B	CD

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-06
Client ID: 15-TW-02
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 11:25
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1360000		ug/l	500.	164.	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Antimony, Total	ND		ug/l	200.0	21.45	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Arsenic, Total	254.2		ug/l	25.00	8.250	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Barium, Total	22930		ug/l	25.00	8.650	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Beryllium, Total	36.89		ug/l	25.00	5.350	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Cadmium, Total	15.03		ug/l	10.00	2.995	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Calcium, Total	6160000		ug/l	5000	1970	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Chromium, Total	3500.		ug/l	50.00	8.900	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Cobalt, Total	1338.		ug/l	25.00	8.150	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Copper, Total	3790.		ug/l	50.00	19.20	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Iron, Total	2670000		ug/l	2500	955.	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Lead, Total	896.1		ug/l	50.00	17.15	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Magnesium, Total	3090000		ug/l	3500	1210	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Manganese, Total	88730		ug/l	50.00	22.00	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Mercury, Total	ND		ug/l	10.00	4.575	1	07/28/22 12:09	07/28/22 16:06	EPA 7470A	1,7470A	DMB
Nickel, Total	2709.		ug/l	100.0	27.80	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Potassium, Total	704000		ug/l	5000	1540	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Selenium, Total	206.	J	ug/l	250.	86.5	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Silver, Total	ND		ug/l	20.00	8.150	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Sodium, Total	181000		ug/l	5000	1460	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Thallium, Total	39.04	J	ug/l	100.0	7.150	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Vanadium, Total	4088.		ug/l	250.0	78.50	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD
Zinc, Total	6364.		ug/l	500.0	170.5	1	07/22/22 21:17	07/25/22 13:06	EPA 3005A	1,6020B	CD

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-07
Client ID: 15-TW-03
Sample Location: 15 KENSICO DR
Date Collected: 07/21/22 11:45
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	177000		ug/l	50.0	16.4	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Antimony, Total	ND		ug/l	20.00	2.145	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Arsenic, Total	55.01		ug/l	2.500	0.8250	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Barium, Total	1623.		ug/l	2.500	0.8650	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Beryllium, Total	8.531		ug/l	2.500	0.5350	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Cadmium, Total	1.577		ug/l	1.000	0.2995	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Calcium, Total	164000		ug/l	500.	197.	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Chromium, Total	333.7		ug/l	5.000	0.8900	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Cobalt, Total	141.5		ug/l	2.500	0.8150	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Copper, Total	325.9		ug/l	5.000	1.920	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Iron, Total	307000		ug/l	250.	95.5	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Lead, Total	294.9		ug/l	5.000	1.715	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Magnesium, Total	88800		ug/l	350.	121.	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Manganese, Total	3748.		ug/l	5.000	2.200	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Mercury, Total	ND		ug/l	10.00	4.575	1	07/28/22 12:09	07/28/22 16:16	EPA 7470A	1,7470A	DMB
Nickel, Total	221.0		ug/l	10.00	2.780	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Potassium, Total	34400		ug/l	500.	154.	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Selenium, Total	30.0		ug/l	25.0	8.65	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Silver, Total	ND		ug/l	2.000	0.8150	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Sodium, Total	69500		ug/l	500.	146.	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Thallium, Total	2.023	J	ug/l	10.00	0.7150	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Vanadium, Total	392.0		ug/l	25.00	7.850	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD
Zinc, Total	908.9		ug/l	50.00	17.05	1	07/22/22 21:17	07/25/22 13:11	EPA 3005A	1,6020B	CD

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1666243-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Barium, Total	ND		mg/kg	0.400	0.070	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Copper, Total	ND		mg/kg	0.400	0.103	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Iron, Total	ND		mg/kg	2.00	0.361	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Lead, Total	ND		mg/kg	2.00	0.107	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Potassium, Total	ND		mg/kg	100	5.76	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Silver, Total	ND		mg/kg	0.400	0.113	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Sodium, Total	ND		mg/kg	80.0	1.26	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/22/22 21:57	07/27/22 08:21	1,6010D	EW

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1666245-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/22/22 22:47	07/27/22 13:47	1,7471B	DMB

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05-07 Batch: WG1666310-1										
Aluminum, Total	ND		ug/l	10.0	3.27	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Antimony, Total	ND		ug/l	4.000	0.4290	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Arsenic, Total	ND		ug/l	0.5000	0.1650	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Barium, Total	ND		ug/l	0.5000	0.1730	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Beryllium, Total	ND		ug/l	0.5000	0.1070	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Cadmium, Total	ND		ug/l	0.2000	0.0599	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Calcium, Total	ND		ug/l	100	39.4	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Chromium, Total	ND		ug/l	1.000	0.1780	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Cobalt, Total	ND		ug/l	0.5000	0.1630	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Copper, Total	ND		ug/l	1.000	0.3840	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Iron, Total	ND		ug/l	50.0	19.1	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Lead, Total	ND		ug/l	1.000	0.3430	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Magnesium, Total	ND		ug/l	70.0	24.2	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Manganese, Total	ND		ug/l	1.000	0.4400	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Nickel, Total	ND		ug/l	2.000	0.5560	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Potassium, Total	ND		ug/l	100	30.9	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Selenium, Total	ND		ug/l	5.00	1.73	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Silver, Total	ND		ug/l	0.4000	0.1630	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Sodium, Total	ND		ug/l	100	29.3	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Thallium, Total	0.1791	J	ug/l	2.000	0.1430	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Vanadium, Total	ND		ug/l	5.000	1.570	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD
Zinc, Total	ND		ug/l	10.00	3.410	1	07/22/22 21:17	07/25/22 10:03	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A

Project Name: 15 KENSICO
Project Number: 15048-A
Lab Number: L2239101
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05-07 Batch: WG1668568-1										
Mercury, Total	ND		ug/l	0.2000	0.0915	1	07/28/22 12:09	07/28/22 15:49	1,7470A	DMB

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 15 KENSICO

Project Number: 15048-A

Lab Number: L2239101

Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1666243-2 SRM Lot Number: D113-540								
Aluminum, Total	75		-		51-149	-		
Antimony, Total	129		-		20-250	-		
Arsenic, Total	98		-		70-130	-		
Barium, Total	98		-		75-125	-		
Beryllium, Total	98		-		75-125	-		
Cadmium, Total	94		-		75-125	-		
Calcium, Total	94		-		73-128	-		
Chromium, Total	92		-		70-130	-		
Cobalt, Total	94		-		75-125	-		
Copper, Total	95		-		75-125	-		
Iron, Total	99		-		36-164	-		
Lead, Total	93		-		72-128	-		
Magnesium, Total	86		-		63-138	-		
Manganese, Total	91		-		77-123	-		
Nickel, Total	90		-		70-130	-		
Potassium, Total	82		-		59-141	-		
Selenium, Total	95		-		66-134	-		
Silver, Total	92		-		70-131	-		
Sodium, Total	100		-		35-164	-		
Thallium, Total	90		-		70-130	-		
Vanadium, Total	100		-		74-126	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1666243-2 SRM Lot Number: D113-540					
Zinc, Total	90	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1666245-2 SRM Lot Number: D113-540					
Mercury, Total	98	-	60-140	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 15 KENSICO

Project Number: 15048-A

Lab Number: L2239101

Report Date: 07/28/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05-07 Batch: WG1666310-2					
Aluminum, Total	106	-	80-120	-	
Antimony, Total	98	-	80-120	-	
Arsenic, Total	106	-	80-120	-	
Barium, Total	104	-	80-120	-	
Beryllium, Total	108	-	80-120	-	
Cadmium, Total	104	-	80-120	-	
Calcium, Total	112	-	80-120	-	
Chromium, Total	101	-	80-120	-	
Cobalt, Total	97	-	80-120	-	
Copper, Total	99	-	80-120	-	
Iron, Total	106	-	80-120	-	
Lead, Total	105	-	80-120	-	
Magnesium, Total	110	-	80-120	-	
Manganese, Total	106	-	80-120	-	
Nickel, Total	98	-	80-120	-	
Potassium, Total	107	-	80-120	-	
Selenium, Total	107	-	80-120	-	
Silver, Total	107	-	80-120	-	
Sodium, Total	111	-	80-120	-	
Thallium, Total	108	-	80-120	-	
Vanadium, Total	104	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 15 KENSICO

Project Number: 15048-A

Lab Number: L2239101

Report Date: 07/28/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05-07 Batch: WG1666310-2					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 05-07 Batch: WG1668568-2					
Mercury, Total	104	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1666243-3 QC Sample: L2239101-01 Client ID: 15-SB-01												
Aluminum, Total	8840	182	8080	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	45.5	25.6	**56**	Q	-	-		75-125	-		20
Arsenic, Total	2.03	10.9	11.2	84		-	-		75-125	-		20
Barium, Total	52.1	182	210	87		-	-		75-125	-		20
Beryllium, Total	0.270J	4.55	4.20	92		-	-		75-125	-		20
Cadmium, Total	0.578J	4.82	4.23	88		-	-		75-125	-		20
Calcium, Total	1240	910	1840	**66**	Q	-	-		75-125	-		20
Chromium, Total	17.5	18.2	28.9	**63**	Q	-	-		75-125	-		20
Cobalt, Total	7.41	45.5	39.6	**71**	Q	-	-		75-125	-		20
Copper, Total	15.5	22.8	33.2	78		-	-		75-125	-		20
Iron, Total	15900	91	15600	**0**	Q	-	-		75-125	-		20
Lead, Total	3.86J	48.2	39.0	81		-	-		75-125	-		20
Magnesium, Total	4110	910	4310	**22**	Q	-	-		75-125	-		20
Manganese, Total	347	45.5	466	**261**	Q	-	-		75-125	-		20
Nickel, Total	11.8	45.5	42.6	**68**	Q	-	-		75-125	-		20
Potassium, Total	1140	910	1770	**69**	Q	-	-		75-125	-		20
Selenium, Total	ND	10.9	8.02	**73**	Q	-	-		75-125	-		20
Silver, Total	ND	27.3	20.6	75		-	-		75-125	-		20
Sodium, Total	194	910	1010	90		-	-		75-125	-		20
Thallium, Total	ND	10.9	6.75	**62**	Q	-	-		75-125	-		20
Vanadium, Total	22.7	45.5	61.3	85		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1666243-3 QC Sample: L2239101-01 Client ID: 15-SB-01										
Zinc, Total	33.8	45.5	63.0	**64**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1666245-3 QC Sample: L2239101-01 Client ID: 15-SB-01										
Mercury, Total	ND	1.77	1.77	100		-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05-07 QC Batch ID: WG1666310-3 QC Sample: L2239101-05 Client ID: 15-TW-01										
Aluminum, Total	2080000	100000	2060000	**0**	Q	-	-	75-125	-	20
Antimony, Total	ND	25000	14060	**56**	Q	-	-	75-125	-	20
Arsenic, Total	436.7	6000	5796	89		-	-	75-125	-	20
Barium, Total	35470	100000	132500	97		-	-	75-125	-	20
Beryllium, Total	58.62	2500	2645	103		-	-	75-125	-	20
Cadmium, Total	29.62	2650	2712	101		-	-	75-125	-	20
Calcium, Total	14000000	500000	14100000	**20**	Q	-	-	75-125	-	20
Chromium, Total	5044.	10000	14390	93		-	-	75-125	-	20
Cobalt, Total	2238.	25000	25760	94		-	-	75-125	-	20
Copper, Total	6602.	12500	18510	95		-	-	75-125	-	20
Iron, Total	4240000	50000	3750000	**0**	Q	-	-	75-125	-	20
Lead, Total	1770.	26500	28410	100		-	-	75-125	-	20
Magnesium, Total	7440000	500000	7580000	**28**	Q	-	-	75-125	-	20
Manganese, Total	134500	25000	150200	**63**	Q	-	-	75-125	-	20
Nickel, Total	4177.	25000	27600	94		-	-	75-125	-	20
Potassium, Total	791000	500000	1130000	**68**	Q	-	-	75-125	-	20
Selenium, Total	430.	6000	5390	83		-	-	75-125	-	20
Silver, Total	10.57J	2500	2726	109		-	-	75-125	-	20
Sodium, Total	255000	500000	761000	101		-	-	75-125	-	20
Thallium, Total	63.18J	6000	6066	101		-	-	75-125	-	20
Vanadium, Total	5962.	25000	30370	98		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05-07 QC Batch ID: WG1666310-3 QC Sample: L2239101-05 Client ID: 15-TW-01									
Zinc, Total	9531.	25000	33570	96	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 05-07 QC Batch ID: WG1668568-3 QC Sample: L2239101-05 Client ID: 15-TW-01									
Mercury, Total	ND	250	252.9	101	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1666243-4 QC Sample: L2239101-01 Client ID: 15-SB-01						
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.03	1.75	mg/kg	15		20
Barium, Total	52.1	49.0	mg/kg	6		20
Beryllium, Total	0.270J	0.246J	mg/kg	NC		20
Cadmium, Total	0.578J	0.538J	mg/kg	NC		20
Calcium, Total	1240	1290	mg/kg	4		20
Chromium, Total	17.5	17.3	mg/kg	1		20
Cobalt, Total	7.41	7.41	mg/kg	0		20
Copper, Total	15.5	15.1	mg/kg	3		20
Lead, Total	3.86J	3.40J	mg/kg	NC		20
Manganese, Total	347	336	mg/kg	3		20
Nickel, Total	11.8	11.2	mg/kg	5		20
Potassium, Total	1140	1110	mg/kg	3		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	194	193	mg/kg	1		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	22.7	22.3	mg/kg	2		20
Zinc, Total	33.8	31.8	mg/kg	6		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1666243-4 QC Sample: L2239101-01 Client ID: 15-SB-01					
Aluminum, Total	8840	8220	mg/kg	7	20
Iron, Total	15900	15100	mg/kg	5	20
Magnesium, Total	4110	4070	mg/kg	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1666245-4 QC Sample: L2239101-01 Client ID: 15-SB-01					
Mercury, Total	ND	ND	mg/kg	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05-07 QC Batch ID: WG1666310-4 QC Sample: L2239101-05 Client ID: 15-TW-01					
Aluminum, Total	2080000	2060000	ug/l	1	20
Antimony, Total	ND	ND	ug/l	NC	20
Arsenic, Total	436.7	428.2	ug/l	2	20
Barium, Total	35470	35200	ug/l	1	20
Beryllium, Total	58.62	56.20	ug/l	4	20
Cadmium, Total	29.62	28.25	ug/l	5	20
Calcium, Total	14000000	14200000	ug/l	1	20
Chromium, Total	5044.	5066	ug/l	0	20
Cobalt, Total	2238.	2260	ug/l	1	20
Copper, Total	6602.	6605	ug/l	0	20
Iron, Total	4240000	4260000	ug/l	0	20
Lead, Total	1770.	1755	ug/l	1	20
Magnesium, Total	7440000	7450000	ug/l	0	20
Manganese, Total	134500	134100	ug/l	0	20
Nickel, Total	4177.	4196	ug/l	0	20
Potassium, Total	791000	780000	ug/l	1	20
Selenium, Total	430.	438	ug/l	2	20
Silver, Total	10.57J	9.858J	ug/l	NC	20
Sodium, Total	255000	258000	ug/l	1	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05-07 QC Batch ID: WG1666310-4 QC Sample: L2239101-05 Client ID: 15-TW-01					
Thallium, Total	63.18J	93.14J	ug/l	NC	20
Vanadium, Total	5962.	6199	ug/l	4	20
Zinc, Total	9531.	9653	ug/l	1	20
Total Metals - Mansfield Lab Associated sample(s): 05-07 QC Batch ID: WG1668568-4 QC Sample: L2239101-05 Client ID: 15-TW-01					
Mercury, Total	ND	ND	ug/l	NC	20

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2239101
Report Date: 07/28/22

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1666243-6 QC Sample: L2239101-01 Client ID: 15-SB-01						
Calcium, Total	1240	1460	mg/kg	18		20

INORGANICS
&
MISCELLANEOUS

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-01
Client ID: 15-SB-01
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 08:35
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	07/22/22 08:39	121,2540G	RI

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-02
Client ID: 15-SB-02
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 09:00
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.9		%	0.100	NA	1	-	07/22/22 08:39	121,2540G	RI

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-03
Client ID: 15-SB-03
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 09:30
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.2		%	0.100	NA	1	-	07/22/22 08:39	121,2540G	RI

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239101-04
Client ID: 15-SB-04
Sample Location: 15 KENSICO DR

Date Collected: 07/21/22 09:50
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	07/22/22 08:39	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 15 KENSICO

Project Number: 15048-A

Lab Number: L2239101

Report Date: 07/28/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1666043-1 QC Sample: L2239100-01 Client ID: DUP Sample						
Solids, Total	85.6	87.3	%	2		20

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
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(*)
L2239101-01A	Vial MeOH preserved	E	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2239101-01B	Vial water preserved	E	NA		3.8	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239101-01C	Vial water preserved	E	NA		3.8	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239101-01D	Plastic 120ml unpreserved	E	NA		3.8	Y	Absent		TS(7)
L2239101-01E	Metals Only-Glass 60mL/2oz unpreserved	E	NA		3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2239101-01F	Glass 250ml/8oz unpreserved	E	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2239101-02A	Vial MeOH preserved	E	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2239101-02B	Vial water preserved	E	NA		3.8	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239101-02C	Vial water preserved	E	NA		3.8	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239101-02D	Plastic 120ml unpreserved	E	NA		3.8	Y	Absent		TS(7)
L2239101-02E	Metals Only-Glass 60mL/2oz unpreserved	E	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2239101-02F	Glass 250ml/8oz unpreserved	E	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2239101-03A	Vial MeOH preserved	E	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2239101-03B	Vial water preserved	E	NA		3.8	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
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(*)
L2239101-03C	Vial water preserved	E	NA		3.8	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239101-03D	Plastic 120ml unpreserved	E	NA		3.8	Y	Absent		TS(7)
L2239101-03E	Metals Only-Glass 60mL/2oz unpreserved	E	NA		3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2239101-03F	Glass 250ml/8oz unpreserved	E	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2239101-04A	Vial MeOH preserved	B	NA		2.5	Y	Absent		NYTCL-8260HLW(14)
L2239101-04B	Vial water preserved	B	NA		2.5	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239101-04C	Vial water preserved	B	NA		2.5	Y	Absent	22-JUL-22 05:02	NYTCL-8260HLW(14)
L2239101-04D	Plastic 120ml unpreserved	B	NA		2.5	Y	Absent		TS(7)
L2239101-04E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2239101-04F	Glass 250ml/8oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2239101-05A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2239101-05B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2239101-05C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2239101-05D	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2239101-05E	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2239101-05F	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7),NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2239101-05G	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7),NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2239101-05H	Plastic 250ml HNO3 preserved	A	6	<2	4.4	N	Absent		AL-6020T-PPB(180),CO-6020T-PPB(180),BE-6020T-PPB(180),SB-6020T-PPB(180),CD-6020T-PPB(180),HG-T-PPB(28),CR-6020T-PPB(180),CU-6020T-PPB(180),CA-6020T-PPB(180),TL-6020T-PPB(180),BA-6020T-PPB(180),AS-6020T-PPB(180),K-6020T-PPB(180),AG-6020T-PPB(180),PB-6020T-PPB(180),FE-6020T-PPB(180),NI-6020T-PPB(180),ZN-6020T-PPB(180),MG-6020T-PPB(180),NA-6020T-PPB(180),SE-6020T-PPB(180),V-6020T-PPB(180),MN-6020T-PPB(180)
L2239101-06A	Vial HCl preserved	B	NA		2.5	Y	Absent		NYTCL-8260(14)
L2239101-06B	Vial HCl preserved	B	NA		2.5	Y	Absent		NYTCL-8260(14)
L2239101-06C	Vial HCl preserved	B	NA		2.5	Y	Absent		NYTCL-8260(14)
L2239101-06D	Amber 120ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-8082-LVI(365)
L2239101-06E	Amber 120ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-8082-LVI(365)
L2239101-06F	Amber 250ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7),NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2239101-06G	Amber 250ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7),NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2239101-06H	Plastic 250ml HNO3 preserved	B	6	<2	2.5	N	Absent		CO-6020T-PPB(180),AL-6020T-PPB(180),CD-6020T-PPB(180),BE-6020T-PPB(180),SB-6020T-PPB(180),CR-6020T-PPB(180),HG-T-PPB(28),CU-6020T-PPB(180),CA-6020T-PPB(180),BA-6020T-PPB(180),TL-6020T-PPB(180),AG-6020T-PPB(180),AS-6020T-PPB(180),PB-6020T-PPB(180),K-6020T-PPB(180),FE-6020T-PPB(180),NA-6020T-PPB(180),MG-6020T-PPB(180),NI-6020T-PPB(180),ZN-6020T-PPB(180),MN-6020T-PPB(180),V-6020T-PPB(180),SE-6020T-PPB(180)
L2239101-07A	Vial HCl preserved	B	NA		2.5	Y	Absent		NYTCL-8260(14)
L2239101-07B	Vial HCl preserved	B	NA		2.5	Y	Absent		NYTCL-8260(14)
L2239101-07C	Vial HCl preserved	B	NA		2.5	Y	Absent		NYTCL-8260(14)
L2239101-07D	Amber 120ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-8082-LVI(365)
L2239101-07E	Amber 120ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-8082-LVI(365)
L2239101-07F	Amber 250ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7),NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2239101-07G	Amber 250ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7),NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: 15 KENSICO
Project Number: 15048-A

Lab Number: L2239101
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(*)*
L2239101-07H	Plastic 250ml HNO3 preserved	B	<2	<2	2.5	Y	Absent		AL-6020T-PPB(180),CO-6020T-PPB(180),CD-6020T-PPB(180),CR-6020T-PPB(180),BE-6020T-PPB(180),HG-T-PPB(28),SB-6020T-PPB(180),CA-6020T-PPB(180),CU-6020T-PPB(180),BA-6020T-PPB(180),TL-6020T-PPB(180),AS-6020T-PPB(180),AG-6020T-PPB(180),K-6020T-PPB(180),PB-6020T-PPB(180),FE-6020T-PPB(180),MG-6020T-PPB(180),NI-6020T-PPB(180),NA-6020T-PPB(180),ZN-6020T-PPB(180),SE-6020T-PPB(180),MN-6020T-PPB(180),V-6020T-PPB(180)

*Values in parentheses indicate holding time in days

Project Name:	15 KENSICO	**Lab Number:**	L2239101
Project Number:	15048-A	**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

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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:	15 KENSICO	**Lab Number:**	L2239101
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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:	15 KENSICO	**Lab Number:**	L2239101
Project Number:	15048-A	**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

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8 Walkup Dr.
TEL: 508-898-9220
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Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

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

ALPHA Job #: L2239101

Client Information
Client: ECS Mid-Atlantic
Address: 2 Executive Drive Suite 11
Mount Laurel, NJ 08054
Phone: 717-900-9767
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Email: KLinnell@ecslimited.com

Project Information
Project Name: 15 Kensico
Project Location: 15 Kensico Dr.
Project # 15048-A
(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	SVOCs	PCBs	Metals	UOCs	SVOCs	PCBs	Metals	Sample Specific Comments	Total Bottle
39101-01	15-SB-01	7/21/22	0835	S	VB	X	X	X	X						6
02	15-SB-02	7/21/22	0900	S	VB	X	X	X	X						6
03	15-SB-03	7/21/22	0930	S	VB	X	X	X	X						6
04	15-SB-04	7/21/22	0950	S	VB	X	X	X	X						6
05	15-TW-01	7/21/22	1050	AQ	VB					X	X	X	X		8
06	15-TW-02	7/21/22	1125	AQ	VB					X	X	X	X		8
07	15-TW-03	7/21/22	1145	AQ	VB					X	X	X	X		8

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

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

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

Container Type	V	G	G	G	V	A	A	P
Preservative					B			C

Relinquished By:	Date/Time	Received By:	Date/Time
	7/21/22 1800		7/21/22 1500
	7/21/22 1720		7/21/22 1615
	7/21/22 2000		7/21/22 2315
			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:	L2239177
Client:	ECS MID ATLANTIC, LLC 52-6 Grumbacher Road York, PA 17406
ATTN:	Kay Linnell
Phone:	(717) 767-4788
Project Name:	15 KENISCO
Project Number:	15048-A
Report Date:	07/29/22

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: 15 KENISCO
Project Number: 15048-A

Lab Number: L2239177
Report Date: 07/29/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2239177-01	15-IAQ-01	AIR	15 KENISCO DR., NY	07/20/22 15:48	07/21/22
L2239177-02	15-IAQ-02	AIR	15 KENISCO DR., NY	07/20/22 15:52	07/21/22
L2239177-03	15-AA-01	AIR	15 KENISCO DR., NY	07/20/22 15:57	07/21/22
L2239177-04	15-SSVP-01	SOIL_VAPOR	15 KENISCO DR., NY	07/21/22 09:45	07/21/22
L2239177-05	UNUSED CAN #1979	SOIL_VAPOR	15 KENISCO DR., NY		07/21/22
L2239177-06	UNUSED CAN #259	SOIL_VAPOR	15 KENISCO DR., NY		07/21/22
L2239177-07	UNUSED CAN #151	SOIL_VAPOR	15 KENISCO DR., NY		07/21/22
L2239177-08	UNUSED CAN #237	SOIL_VAPOR	15 KENISCO DR., NY		07/21/22

Project Name:	15 KENISCO	**Lab Number:**	L2239177
Project Number:	15048-A	**Report Date:**	07/29/22

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:	15 KENISCO	**Lab Number:**	L2239177
Project Number:	15048-A	**Report Date:**	07/29/22

Case Narrative (continued)

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.

L2239177-01D,01D2: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2239177-01,02: 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.

L2239177-02D,04D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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: 07/29/22

AIR

Project Name: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-01
Client ID: 15-IAQ-01
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/20/22 15:48
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/27/22 20:01
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.445	0.200	--	2.20	0.989	--		1
Chloromethane	0.695	0.200	--	1.44	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	690	5.00	--	1300	9.42	--	E	1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	8500	1.00	--	20200	2.38	--	E	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	1010	0.500	--	2980	1.47	--	E	1
Ethyl Acetate	7.98	0.500	--	28.8	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-01
Client ID: 15-IAQ-01
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/20/22 15:48
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	16.1	0.200	--	56.7	0.705	--		1
Benzene	4.61	0.200	--	14.7	0.639	--		1
Cyclohexane	4.55	0.200	--	15.7	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	6.19	0.200	--	28.9	0.934	--		1
Heptane	8.38	0.200	--	34.3	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	10.9	0.500	--	44.7	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	272	0.200	--	1030	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	66.5	0.200	--	289	0.869	--		1
p/m-Xylene	197	0.400	--	856	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	16.9	0.200	--	72.0	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	72.4	0.200	--	314	0.869	--		1
4-Ethyltoluene	4.15	0.200	--	20.4	0.983	--		1
1,3,5-Trimethylbenzene	9.25	0.200	--	45.5	0.983	--		1

Project Name: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-01
Client ID: 15-IAQ-01
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/20/22 15:48
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	19.7	0.200	--	96.8	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	97		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	120		60-140

Project Name: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-01
Client ID: 15-IAQ-01
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/20/22 15:48
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/27/22 20:01
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	0.077	0.020	--	0.484	0.126	--		1
Trichloroethene	0.024	0.020	--	0.129	0.107	--		1
Tetrachloroethene	0.042	0.020	--	0.285	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	98		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	124		60-140

Project Name: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-01 D
Client ID: 15-IAQ-01
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/20/22 15:48
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/28/22 20:43
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethanol	668	254	--	1260	479	--		50.81
2-Butanone	2400	25.4	--	7080	74.9	--		50.81
Toluene	1000	10.2	--	3770	38.4	--		50.81

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	97		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	100		60-140

Project Name: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-01 D2
Client ID: 15-IAQ-01
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/20/22 15:48
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/29/22 02:56
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Acetone	49900	255	--	119000	606	--		255.1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	96		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	101		60-140

Project Name: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-02
Client ID: 15-IAQ-02
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/20/22 15:52
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/27/22 20:40
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.416	0.200	--	2.06	0.989	--		1
Chloromethane	0.719	0.200	--	1.48	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	1940	1.00	--	4610	2.38	--	E	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	2.16	0.500	--	7.50	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	96.5	0.500	--	285	1.47	--		1
Ethyl Acetate	2.41	0.500	--	8.68	1.80	--		1
Chloroform	0.773	0.200	--	3.77	0.977	--		1
Tetrahydrofuran	1.16	0.500	--	3.42	1.47	--		1

Project Name: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-02
Client ID: 15-IAQ-02
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/20/22 15:52
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	0.775	0.200	--	2.73	0.705	--		1
Benzene	0.242	0.200	--	0.773	0.639	--		1
Cyclohexane	0.203	0.200	--	0.699	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	2.02	0.200	--	9.43	0.934	--		1
Heptane	0.542	0.200	--	2.22	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	6.04	0.500	--	24.8	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	43.2	0.200	--	163	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	3.16	0.200	--	13.7	0.869	--		1
p/m-Xylene	11.6	0.400	--	50.4	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	13.8	0.200	--	58.8	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	3.52	0.200	--	15.3	0.869	--		1
4-Ethyltoluene	1.56	0.200	--	7.67	0.983	--		1
1,3,5-Trimethylbenzene	2.58	0.200	--	12.7	0.983	--		1

Project Name: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-02
Client ID: 15-IAQ-02
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/20/22 15:52
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	7.08	0.200	--	34.8	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	94		60-140
chlorobenzene-d5	87		60-140

Project Name: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-02
Client ID: 15-IAQ-02
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/20/22 15:52
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/27/22 20:40
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	0.071	0.020	--	0.447	0.126	--		1
Trichloroethene	0.181	0.020	--	0.973	0.107	--		1
Tetrachloroethene	0.028	0.020	--	0.190	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	92		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	88		60-140

Project Name: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-02 D
Client ID: 15-IAQ-02
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/20/22 15:52
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/28/22 07:47
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

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	88		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	78		60-140

Project Name: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-03
Client ID: 15-AA-01
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/20/22 15:57
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/27/22 19:22
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.465	0.200	--	2.30	0.989	--		1
Chloromethane	0.583	0.200	--	1.20	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	72.3	5.00	--	136	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	337	1.00	--	801	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	14.3	0.500	--	35.2	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	19.9	0.500	--	58.7	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: 15 KENISCO
Project Number: 15048-A

Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-03
Client ID: 15-AA-01
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/20/22 15:57
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	0.332	0.200	--	1.17	0.705	--		1
Benzene	0.206	0.200	--	0.658	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	0.218	0.200	--	1.02	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	0.568	0.500	--	2.33	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	9.97	0.200	--	37.6	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	0.700	0.200	--	3.04	0.869	--		1
p/m-Xylene	2.69	0.400	--	11.7	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	2.10	0.200	--	8.94	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.782	0.200	--	3.40	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: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-03
Client ID: 15-AA-01
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/20/22 15:57
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	0.501	0.200	--	2.46	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	96		60-140
chlorobenzene-d5	98		60-140

Project Name: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-03
Client ID: 15-AA-01
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/20/22 15:57
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/27/22 19:22
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	0.071	0.020	--	0.447	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	95		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	100		60-140

Project Name: 15 KENISCO
Project Number: 15048-A

Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-04 D
Client ID: 15-SSVP-01
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/21/22 09:45
Date Received: 07/21/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/28/22 03:37
Analyst: TS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	3.01	--	ND	14.9	--		15.07
Chloromethane	ND	3.01	--	ND	6.22	--		15.07
Freon-114	ND	3.01	--	ND	21.0	--		15.07
Vinyl chloride	ND	3.01	--	ND	7.69	--		15.07
1,3-Butadiene	ND	3.01	--	ND	6.66	--		15.07
Bromomethane	ND	3.01	--	ND	11.7	--		15.07
Chloroethane	ND	3.01	--	ND	7.94	--		15.07
Ethanol	ND	75.4	--	ND	142	--		15.07
Vinyl bromide	ND	3.01	--	ND	13.2	--		15.07
Acetone	543	15.1	--	1290	35.9	--		15.07
Trichlorofluoromethane	ND	3.01	--	ND	16.9	--		15.07
Isopropanol	20.7	7.54	--	50.9	18.5	--		15.07
1,1-Dichloroethene	ND	3.01	--	ND	11.9	--		15.07
Tertiary butyl Alcohol	ND	7.54	--	ND	22.9	--		15.07
Methylene chloride	ND	7.54	--	ND	26.2	--		15.07
3-Chloropropene	ND	3.01	--	ND	9.42	--		15.07
Carbon disulfide	ND	3.01	--	ND	9.37	--		15.07
Freon-113	ND	3.01	--	ND	23.1	--		15.07
trans-1,2-Dichloroethene	ND	3.01	--	ND	11.9	--		15.07
1,1-Dichloroethane	ND	3.01	--	ND	12.2	--		15.07
Methyl tert butyl ether	ND	3.01	--	ND	10.9	--		15.07
2-Butanone	ND	7.54	--	ND	22.2	--		15.07
cis-1,2-Dichloroethene	ND	3.01	--	ND	11.9	--		15.07

Project Name: 15 KENISCO
Project Number: 15048-A

Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-04 D
Client ID: 15-SSVP-01
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/21/22 09:45
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	7.54	--	ND	27.2	--		15.07
Chloroform	ND	3.01	--	ND	14.7	--		15.07
Tetrahydrofuran	ND	7.54	--	ND	22.2	--		15.07
1,2-Dichloroethane	ND	3.01	--	ND	12.2	--		15.07
n-Hexane	ND	3.01	--	ND	10.6	--		15.07
1,1,1-Trichloroethane	ND	3.01	--	ND	16.4	--		15.07
Benzene	ND	3.01	--	ND	9.62	--		15.07
Carbon tetrachloride	ND	3.01	--	ND	18.9	--		15.07
Cyclohexane	ND	3.01	--	ND	10.4	--		15.07
1,2-Dichloropropane	ND	3.01	--	ND	13.9	--		15.07
Bromodichloromethane	ND	3.01	--	ND	20.2	--		15.07
1,4-Dioxane	ND	3.01	--	ND	10.8	--		15.07
Trichloroethene	1150	3.01	--	6180	16.2	--		15.07
2,2,4-Trimethylpentane	ND	3.01	--	ND	14.1	--		15.07
Heptane	ND	3.01	--	ND	12.3	--		15.07
cis-1,3-Dichloropropene	ND	3.01	--	ND	13.7	--		15.07
4-Methyl-2-pentanone	ND	7.54	--	ND	30.9	--		15.07
trans-1,3-Dichloropropene	ND	3.01	--	ND	13.7	--		15.07
1,1,2-Trichloroethane	ND	3.01	--	ND	16.4	--		15.07
Toluene	ND	3.01	--	ND	11.3	--		15.07
2-Hexanone	ND	3.01	--	ND	12.3	--		15.07
Dibromochloromethane	ND	3.01	--	ND	25.6	--		15.07
1,2-Dibromoethane	ND	3.01	--	ND	23.1	--		15.07
Tetrachloroethene	ND	3.01	--	ND	20.4	--		15.07
Chlorobenzene	ND	3.01	--	ND	13.9	--		15.07
Ethylbenzene	ND	3.01	--	ND	13.1	--		15.07

Project Name: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

SAMPLE RESULTS

Lab ID: L2239177-04 D
Client ID: 15-SSVP-01
Sample Location: 15 KENISCO DR., NY

Date Collected: 07/21/22 09:45
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	6.03	--	ND	26.2	--		15.07
Bromoform	ND	3.01	--	ND	31.1	--		15.07
Styrene	ND	3.01	--	ND	12.8	--		15.07
1,1,2,2-Tetrachloroethane	ND	3.01	--	ND	20.7	--		15.07
o-Xylene	ND	3.01	--	ND	13.1	--		15.07
4-Ethyltoluene	ND	3.01	--	ND	14.8	--		15.07
1,3,5-Trimethylbenzene	ND	3.01	--	ND	14.8	--		15.07
1,2,4-Trimethylbenzene	ND	3.01	--	ND	14.8	--		15.07
Benzyl chloride	ND	3.01	--	ND	15.6	--		15.07
1,3-Dichlorobenzene	ND	3.01	--	ND	18.1	--		15.07
1,4-Dichlorobenzene	ND	3.01	--	ND	18.1	--		15.07
1,2-Dichlorobenzene	ND	3.01	--	ND	18.1	--		15.07
1,2,4-Trichlorobenzene	ND	3.01	--	ND	22.3	--		15.07
Hexachlorobutadiene	ND	3.01	--	ND	32.1	--		15.07

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	78		60-140

Project Name: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

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): 01-03 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: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

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): 01-04 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: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

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): 01-04 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: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

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): 01-04 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

Project Name: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/28/22 15:41

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 Batch: WG1668695-4								
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: 15 KENISCO
Project Number: 15048-A
Lab Number: L2239177
Report Date: 07/29/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/28/22 15:41

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 Batch: WG1668695-4								
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: 15 KENISCO
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Lab Number: L2239177
Report Date: 07/29/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/28/22 15:41

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 Batch: WG1668695-4								
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: 15 KENISCO
Project Number: 15048-A

Lab Number: L2239177
Report Date: 07/29/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-03 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: 15 KENISCO
Project Number: 15048-A

Lab Number: L2239177
Report Date: 07/29/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 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: 15 KENISCO
Project Number: 15048-A

Lab Number: L2239177
Report Date: 07/29/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 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: 15 KENISCO
Project Number: 15048-A

Lab Number: L2239177
Report Date: 07/29/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 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	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENISCO
Project Number: 15048-A

Lab Number: L2239177
Report Date: 07/29/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1668695-3								
Dichlorodifluoromethane	107		-		70-130	-		
Chloromethane	73		-		70-130	-		
Freon-114	89		-		70-130	-		
Vinyl chloride	96		-		70-130	-		
1,3-Butadiene	79		-		70-130	-		
Bromomethane	95		-		70-130	-		
Chloroethane	98		-		70-130	-		
Ethanol	87		-		40-160	-		
Vinyl bromide	83		-		70-130	-		
Acetone	104		-		40-160	-		
Trichlorofluoromethane	128		-		70-130	-		
Isopropanol	76		-		40-160	-		
1,1-Dichloroethene	113		-		70-130	-		
Tertiary butyl Alcohol	101		-		70-130	-		
Methylene chloride	102		-		70-130	-		
3-Chloropropene	90		-		70-130	-		
Carbon disulfide	83		-		70-130	-		
Freon-113	102		-		70-130	-		
trans-1,2-Dichloroethene	98		-		70-130	-		
1,1-Dichloroethane	104		-		70-130	-		
Methyl tert butyl ether	97		-		70-130	-		
2-Butanone	85		-		70-130	-		
cis-1,2-Dichloroethene	111		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENISCO
Project Number: 15048-A

Lab Number: L2239177
Report Date: 07/29/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1668695-3								
Ethyl Acetate	97		-		70-130	-		
Chloroform	120		-		70-130	-		
Tetrahydrofuran	85		-		70-130	-		
1,2-Dichloroethane	119		-		70-130	-		
n-Hexane	97		-		70-130	-		
1,1,1-Trichloroethane	109		-		70-130	-		
Benzene	94		-		70-130	-		
Carbon tetrachloride	115		-		70-130	-		
Cyclohexane	98		-		70-130	-		
1,2-Dichloropropane	94		-		70-130	-		
Bromodichloromethane	104		-		70-130	-		
1,4-Dioxane	98		-		70-130	-		
Trichloroethene	100		-		70-130	-		
2,2,4-Trimethylpentane	101		-		70-130	-		
Heptane	80		-		70-130	-		
cis-1,3-Dichloropropene	96		-		70-130	-		
4-Methyl-2-pentanone	81		-		70-130	-		
trans-1,3-Dichloropropene	84		-		70-130	-		
1,1,2-Trichloroethane	97		-		70-130	-		
Toluene	89		-		70-130	-		
2-Hexanone	**67**	Q	-		70-130	-		
Dibromochloromethane	86		-		70-130	-		
1,2-Dibromoethane	83		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 15 KENISCO
Project Number: 15048-A

Lab Number: L2239177
Report Date: 07/29/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1668695-3								
Tetrachloroethene	87		-		70-130	-		
Chlorobenzene	90		-		70-130	-		
Ethylbenzene	92		-		70-130	-		
p/m-Xylene	94		-		70-130	-		
Bromoform	82		-		70-130	-		
Styrene	85		-		70-130	-		
1,1,2,2-Tetrachloroethane	91		-		70-130	-		
o-Xylene	96		-		70-130	-		
4-Ethyltoluene	78		-		70-130	-		
1,3,5-Trimethylbenzene	89		-		70-130	-		
1,2,4-Trimethylbenzene	92		-		70-130	-		
Benzyl chloride	**66**	Q	-		70-130	-		
1,3-Dichlorobenzene	92		-		70-130	-		
1,4-Dichlorobenzene	92		-		70-130	-		
1,2-Dichlorobenzene	94		-		70-130	-		
1,2,4-Trichlorobenzene	99		-		70-130	-		
Hexachlorobutadiene	101		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: 15 KENISCO
Project Number: 15048-A

Lab Number: L2239177
Report Date: 07/29/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1668206-5 QC Sample: L2239177-02 Client ID: 15-IAQ-02						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	0.021	ppbV	NC		25
Carbon tetrachloride	0.071	0.063	ppbV	12		25
Trichloroethene	0.181	0.176	ppbV	3		25
Tetrachloroethene	0.028	0.025	ppbV	11		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 15 KENISCO
Project Number: 15048-A

Lab Number: L2239177
Report Date: 07/29/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1668207-5 QC Sample: L2239177-02 Client ID: 15-IAQ-02						
Dichlorodifluoromethane	0.416	0.408	ppbV	2		25
Chloromethane	0.719	0.703	ppbV	2		25
Freon-114	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	1940E	1900E	ppbV	2		25
Trichlorofluoromethane	ND	0.204	ppbV	NC		25
Isopropanol	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	2.16	2.27	ppbV	5		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	96.5	86.5	ppbV	11		25
Ethyl Acetate	2.41	2.42	ppbV	0		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 15 KENISCO
Project Number: 15048-A

Lab Number: L2239177
Report Date: 07/29/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1668207-5 QC Sample: L2239177-02 Client ID: 15-IAQ-02						
Chloroform	0.773	0.764	ppbV	1		25
Tetrahydrofuran	1.16	1.12	ppbV	4		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	0.775	0.757	ppbV	2		25
Benzene	0.242	0.247	ppbV	2		25
Cyclohexane	0.203	0.207	ppbV	2		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	2.02	1.98	ppbV	2		25
Heptane	0.542	0.511	ppbV	6		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	6.04	5.82	ppbV	4		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	43.2	43.0	ppbV	0		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	3.16	3.13	ppbV	1		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 15 KENISCO
Project Number: 15048-A

Lab Number: L2239177
Report Date: 07/29/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1668207-5 QC Sample: L2239177-02 Client ID: 15-IAQ-02						
p/m-Xylene	11.6	11.4	ppbV	2		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	13.8	14.1	ppbV	2		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	3.52	3.47	ppbV	1		25
4-Ethyltoluene	1.56	1.54	ppbV	1		25
1,3,5-Trimethylbenzene	2.58	2.67	ppbV	3		25
1,2,4-Trimethylbenzene	7.08	7.14	ppbV	1		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1668207-5 QC Sample: L2239177-02 Client ID: 15-IAQ-02						
Acetone	1970	1760	ppbV	11		25

Project Name: 15 KENISCO

Lab Number: L2239177

Project Number: 15048-A

Report Date: 07/29/22

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
L2239177-01	15-IAQ-01	02255	Flow 4	07/15/22	393944		-	-	-	Pass	10.0	9.1	9
L2239177-01	15-IAQ-01	2987	6.0L Can	07/15/22	393944	L2235999-04	Pass	-28.7	-6.1	-	-	-	-
L2239177-02	15-IAQ-02	02071	Flow 4	07/15/22	393944		-	-	-	Pass	10.0	9.0	11
L2239177-02	15-IAQ-02	2329	6.0L Can	07/15/22	393944	L2235999-05	Pass	-28.7	-6.7	-	-	-	-
L2239177-03	15-AA-01	02254	Flow 4	07/15/22	393944		-	-	-	Pass	10.0	9.5	5
L2239177-03	15-AA-01	3960	6.0L Can	07/15/22	393944	L2235240-03	Pass	-29.1	-7.7	-	-	-	-
L2239177-04	15-SSVP-01	01852	SV200	07/15/22	393944		-	-	-	Pass	205	209	2
L2239177-04	15-SSVP-01	2790	2.7L Can	07/15/22	393944	L2235999-06	Pass	-29.0	0.0	-	-	-	-
L2239177-05	UNUSED CAN #1979	0132	Flow 4	07/15/22	393944		-	-	-	Pass	10.0	9.1	9
L2239177-05	UNUSED CAN #1979	1979	6.0L Can	07/15/22	393944	L2235240-03	Pass	-29.0	-29.4	-	-	-	-
L2239177-06	UNUSED CAN #259	01756	SV200	07/15/22	393944		-	-	-	Pass	218	209	4
L2239177-06	UNUSED CAN #259	259	2.7L Can	07/15/22	393944	L2235999-06	Pass	-28.9	-28.8	-	-	-	-
L2239177-07	UNUSED CAN #151	01978	SV200	07/15/22	393944		-	-	-	Pass	219	214	2
L2239177-07	UNUSED CAN #151	151	2.7L Can	07/15/22	393944	L2235999-06	Pass	-29.3	-28.8	-	-	-	-
L2239177-08	UNUSED CAN #237	01956	SV200	07/15/22	393944		-	-	-	Pass	214	209	2

Project Name: 15 KENISCO

Lab Number: L2239177

Project Number: 15048-A

Report Date: 07/29/22

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
L2239177-08	UNUSED CAN #237	237	2.7L Can	07/15/22	393944	L2235999-06	Pass	-29.5	-28.8	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2235240
Report Date: 07/29/22

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: 07/29/22

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
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: L2235240
Report Date: 07/29/22

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: 07/29/22

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: 07/29/22

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: 07/29/22

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: 07/29/22

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: 07/29/22

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: 07/29/22

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: 07/29/22

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: 07/29/22

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: 07/29/22

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: 07/29/22

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: 07/29/22

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: 07/29/22

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: 07/29/22

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: 07/29/22

Air Canister Certification Results

Lab ID: L2235999-05
Client ID: CAN 3578 SHELF 57
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 20:30
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: 07/29/22

Air Canister Certification Results

Lab ID: L2235999-05
Client ID: CAN 3578 SHELF 57
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
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: 07/29/22

Air Canister Certification Results

Lab ID: L2235999-05
Client ID: CAN 3578 SHELF 57
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: 07/29/22

Air Canister Certification Results

Lab ID: L2235999-05
Client ID: CAN 3578 SHELF 57
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: 07/29/22

Air Canister Certification Results

Lab ID: L2235999-05
Client ID: CAN 3578 SHELF 57
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	96		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	95		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2235999
Report Date: 07/29/22

Air Canister Certification Results

Lab ID: L2235999-05
Client ID: CAN 3578 SHELF 57
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 20:30
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: 07/29/22

Air Canister Certification Results

Lab ID: L2235999-05
Client ID: CAN 3578 SHELF 57
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: 07/29/22

Air Canister Certification Results

Lab ID: L2235999-05
Client ID: CAN 3578 SHELF 57
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: 07/29/22

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: 07/29/22

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: 07/29/22

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: 07/29/22

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: 07/29/22

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
Project Number: CANISTER QC BAT
Lab Number: L2235999
Report Date: 07/29/22

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: 07/29/22

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:** 07/29/22

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: 15 KENISCO
Project Number: 15048-A

Lab Number: L2239177
Report Date: 07/29/22

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(*)
L2239177-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2239177-02A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2239177-03A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2239177-04A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2239177-05A	Canister - 6 Liter	NA	NA			Y	Present/Intact		CLEAN-FEE()
L2239177-06A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		CLEAN-FEE()
L2239177-07A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		CLEAN-FEE()
L2239177-08A	Canister - 2.7 Liter	NA	NA			Y	Present/Intact		CLEAN-FEE()

*Values in parentheses indicate holding time in days

Project Name:	15 KENISCO	**Lab Number:**	L2239177
Project Number:	15048-A	**Report Date:**	07/29/22

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:	15 KENISCO	**Lab Number:**	L2239177
Project Number:	15048-A	**Report Date:**	07/29/22

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:	15 KENISCO	**Lab Number:**	L2239177
Project Number:	15048-A	**Report Date:**	07/29/22

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.

Serial_No:07292213:07

AIR ANALYSIS

CHAIN OF CUSTODY

PAGE 1 OF 1

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

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

ALPHA Job #: L2239177

Client Information

Client: ECS Mid-Atlantic
Address: 2 Executive Drive 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: 15 Kensico
Project Location: 15 Kensico Dr., NY
Project #: 15048-A
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	End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15		Sample Comments (i.e. PID)
9177-01	15-IAQ-01	7/20/22	0748	1548	-29.36	-5.76	AA	VB	6L	2987	02255	X						
-02	15-IAQ-02	7/20/22	0752	1552	-29.12	-6.05	AA	VB	6L	2324	02071	X						
-03	15-AA-01	7/20/22	0757	1557	-29.52	-7.10	AA	VB	6L	3460	02554	X						
-04	15-SSVP-01	7/21/22	0930	0945	-29.0	0	SV	VB	2.7L	2790	01852	X						

ANALYSIS: TO-15, TO-15 SIM, APH (Subtract Non-petroleum HCs ❑), Fixed Gases, Sulfides & Mercaptans by TO-15

*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 1500	[signature] AAL	7/21/22 1500
[signature]	7/21/22 1720	[signature]	7/21/22 2100
[signature]	7/21/22	SC AAL	7/22/22 0030
SC AAL	7/22/22 0330	[signature]	7/22/22 03:30

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/Env. Consult. Phone No. 609-832-3910

Purpose of Investigation Determine indoor/outdoor air quality.

1. OCCUPANT:

Interviewed: Y / N

Last Name: Brooks First Name: Richard

Address: 15 Kensico Drive, Mt Kisco, New York

County: Westchester

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location 10+ 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) Cabinetry maker

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors 2 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 _____

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.

No A/C system.

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, office space, workshop.
2nd Floor	Storage
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / N

b. Does the garage have a separate heating unit? Y / N / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / NA
Please specify_____

d. Has the building ever had a fire? Y / N When?_____

e. Is a kerosene or unvented gas space heater present? Y / N Where? _____

f. Is there a workshop or hobby/craft area? Y / N Where & Type? _____

g. Is there smoking in the building? Y / N How frequently? _____

h. Have cleaning products been used recently? Y / N When & Type? _____

i. Have cosmetic products been used recently? Y / N When & Type? _____

j. Has painting/staining been done in the last 6 months? Y / N Where & When? Frequently

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: _____ Solvents._____

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? Varnish, paint, thinners, adhesive, paint stripper, stain, wood preservative

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.

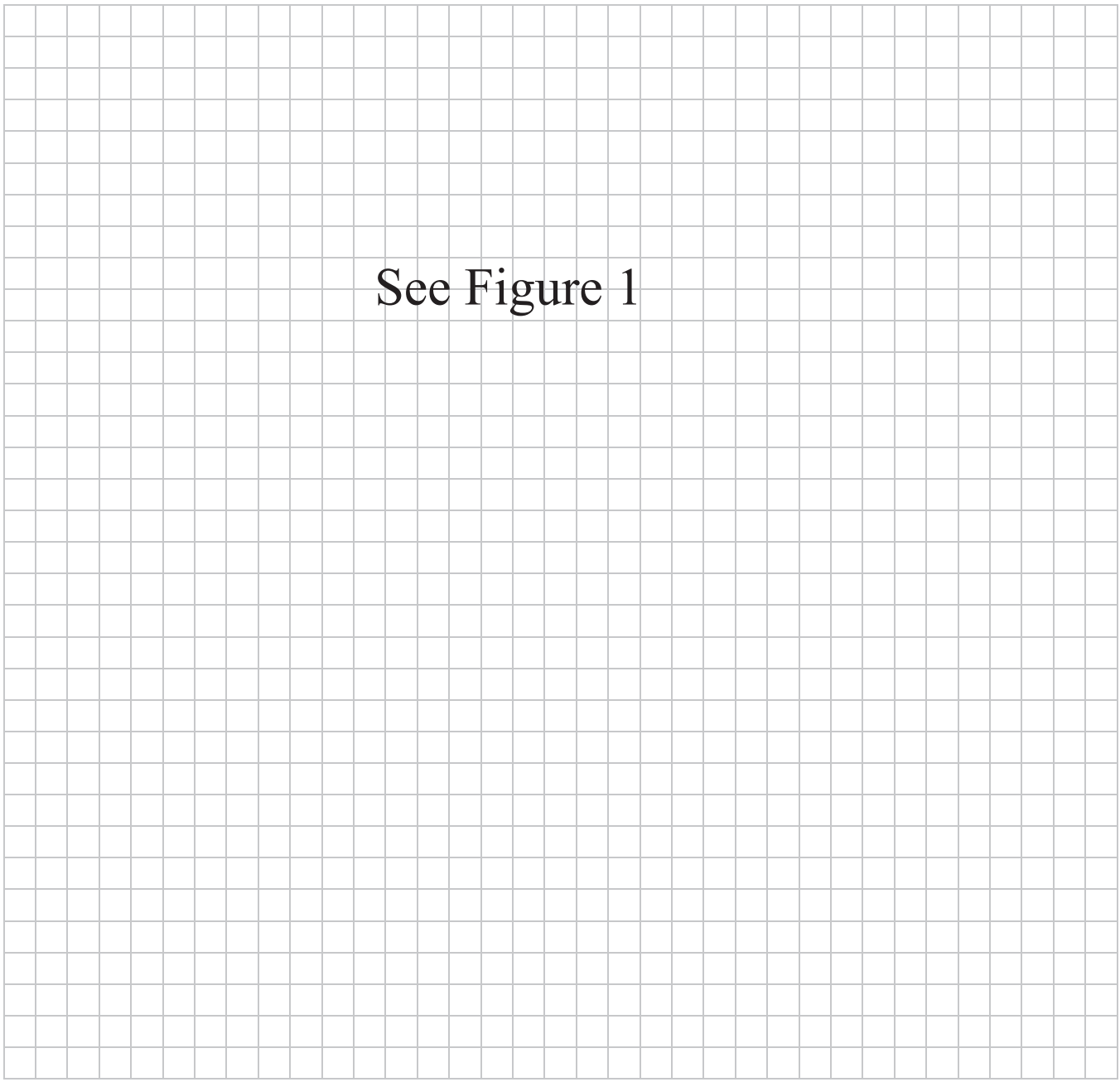
Basement:

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
Shop	Varnish	G	U	Synthetic and natural resins		N
Shop	Paint	G	U	VOCs, PAHs		N
Shop	Thinners	G	U	Acetone, toulene, methanol		N
Shop	Adhesive	G	U	Polymers and resins		N
Shop	Paint stripper	G	U	Acetone, toulene, methanol		N
Shop	Stain	G	U	VOCs		N
Shop	Wood preservative	G	U	Chromium, copper, arsenic		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.